VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

NAAC

Sustainable Development Goals (SDGs)

Annual Report 2025

VMRF (DU)





People | Education | Research | Healthcare | Innovation | Partnerships
for a Sustainable and Inclusive Future

LIST OF SUSTAINABLE GOALS REPORTED

- **SDG 1:** No Poverty
- **SDG 2:** Zero Hunger
- **SDG 3:** Good Health and Well-being
- **SDG 4:** Quality Education
- **SDG 5:** Gender Equality
- **SDG 6:** Clean Water and Sanitation
- **SDG 7:** Affordable and Clean Energy
- **SDG 8:** Decent Work and Economic Growth
- **SDG 9:** Industry, Innovation and Infrastructure
- **SDG 10:** Reduced Inequalities
- **SDG 11:** Sustainable Cities and Communities
- **SDG 12:** Responsible Consumption and Production
- **SDG 13:** Climate Action
- **SDG 14:** Life Below Water
- **SDG 15:** Life on Land
- **SDG 16:** Peace, Justice and Strong Institutions
- **SDG 17:** Partnerships for the Goals


SDG1

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)
SDG 1 – NO POVERTY

SDG 1 Event List

Date	Event / activity	Organising institution / department
January 2025	Annapoorani Educational and Sports Scholarships for Girl Students	Gender Sensitization Cell, School of Allied Health Sciences (SAHS), VMRF (DU), Salem
February 2025	DXC Progressing Mind Scholarships Awarded to Two Engineering Students	DXC Technology (scholarship provider); recipient institution: Vinayaka Mission's Kirupananda Variyar Engineering College
March 2025	DXC Progressing Mind Scholarship of ₹50,000 Awarded to Kalpanarai	DXC Technology (scholarship provider); recipient institution: Vinayaka Mission's Kirupananda Variyar Engineering College
April 2025	Merit and Government Scholarship Support for Students	Scholarship schemes reported for students of Vinayaka Mission's Kirupananda Variyar Engineering College
June 2025	General Medical Camp for the Underprivileged Population at Kombuthooki	Department of Community Medicine, Vinayaka Mission's Kirupananda Variyar Medical College & Hospital
June 2025	Specialty Medical Camps for Underprivileged Communities through Satellite Centres	Aarupadai Veedu Medical College and Hospital, Puducherry – Hospital Growth and Outreach Services
August 2025	SKGV Charity – Kathir-56 Phase-II Function	Vinayaka Mission's Research Foundation (VMRF)
August 2025	Rotaract Club's 'Thread of Hope' Rural Women's Livelihood Initiative	Rotaract Club of Aarupadai Veedu Institute of Technology (AVIT)
August 2025	Student Orientation on Scholarships and Financial-Aid Awareness	School of Allied Health Sciences, VMRF (DU), Salem; programme conducted by Prof. Valarmathi, Academic Coordinator, SAHS

September 2025	MoU with India Vision Institute for Free Eye Screening and Spectacle Support	School of Allied Health Sciences, VMRF (DU) – Salem, Chennai and Puducherry campuses, in collaboration with India Vision Institute
October 2025	Eco-Friendly Diwali Celebration and Donation to Nattamangalam Children's Orphanage	Fine Arts Club, Student Council, EVS Club and Bhumi Club, School of Allied Health Sciences, VMRF (DU), Salem
October 2025	Skill Development Programme on Fostering Women's Entrepreneurship through Skills Training	Aarupadai Veedu Institute of Technology (AVIT), in collaboration with ISR-UBA; coordinated by Mr. S. Sathiyaraj, Assistant Professor, Department of Mechanical Engineering, AVIT

DETAILED EVENT REPORTS AND PHOTOGRAPHS

1. Annapoorani Educational and Sports Scholarships for Girl Students

Date: 21 January 2025

Organising institution / department: Gender Sensitization Cell, School of Allied Health Sciences (SAHS), VMRF (DU), Salem

Organising place: School of Allied Health Sciences, Salem

Event report: The Gender Sensitization Cell of the School of Allied Health Sciences, Salem, observed National Girl Child Day on 21 January 2025. The programme included an interactive discussion on career growth and overcoming gender barriers. As part of the celebration, Annapoorani Educational and Sports Scholarships were awarded to outstanding girl students. The newsletter also records the inauguration of an awareness board on laws protecting girl children and government schemes for women.



2. DXC Progressing Mind Scholarships Awarded to Two Engineering Students

Date: February 2025

Organising institution / department: DXC Technology (scholarship provider); recipient institution: Vinayaka Mission's Kirupananda Variyar Engineering College

Organising place: Vinayaka Mission's Kirupananda Variyar Engineering College, Salem

Event report: The newsletter reports that Srivarshini V. (CSE) and Varshini S. (BME), second-year engineering students, received the DXC Progressing Mind Scholarship from DXC Technology. The scholarship award was ₹50,000, recognising their academic excellence and dedication.



3. DXC Progressing Mind Scholarship of ₹50,000 Awarded to Kalpanarai

Date: March 2025

Organising institution / department: DXC Technology (scholarship provider); recipient institution: Vinayaka Mission's Kirupananda Variyar Engineering College

Organising place: Vinayaka Mission's Kirupananda Variyar Engineering College, Salem

Venue: Not specified in the newsletter

Event report: The March 2025 newsletter reports that Kalpanarai, a second-year engineering student, received the DXC Progressing Mind Scholarship of ₹50,000 in recognition of academic dedication, excellence and perseverance.



4. Merit and Government Scholarship Support for Students

Date: April 2025

Organising institution / department: Vinayaka Mission's Kirupananda Variyar Engineering College

Organising place: Vinayaka Mission's Kirupananda Variyar Engineering College, Salem

Event report: The newsletter reports that meritorious students of Vinayaka Mission's Kirupananda Variyar Engineering College were supported through scholarship programmes including the Sitaram Jindal Foundation, Hand in Hand Siksha Mitra Scholarship Scheme, DXC, JK Tyre and Government Post-Matric Scholarships for differently-abled scholars. The same page

records that Vedhachalam, a second-year EEE student, received ₹50,000 under the Central Government's NSP Scholarship through the AICTE-Swanath Scholarship Scheme.

5. General Medical Camp for the Underprivileged Population at Kombuthooki

Date: 11 June 2025

Organising institution / department: Department of Community Medicine, Vinayaka Mission's Kirupananda Variyar Medical College & Hospital

Organising place: Kombuthooki

Event report: The Department of Community Medicine, Vinayaka Mission's Kirupananda Variyar Medical College & Hospital, Salem, conducted a general medical camp at Kombuthooki on 11 June 2025. The camp was intended to provide accessible healthcare services to the underprivileged population. Services included general health check-ups, medical consultations and health education for members of the local community.



6. Specialty Medical Camps for Underprivileged Communities through Satellite Centres

Date: 16–19 June 2025

Organising institution / department: Aarupadai Veedu Medical College and Hospital, Puducherry – Hospital Growth and Outreach Services

Organising place: Satellite centres: Kandarakottai, Pudukuppam, Panruti and Saathipattu

Event report: Under Hospital Growth and Outreach Services, Aarupadai Veedu Medical College and Hospital, Puducherry, organised specialty camps across satellite centres to extend healthcare to underprivileged communities. The dermatology camp at Kandarakottai Satellite Centre and an orthopaedics camp at Pudukuppam Satellite Centre on 16 June 2025. The continuation on page 18 records an orthopaedics camp at Panruti Satellite Centre and a pain and palliative care camp at Saathipattu Satellite Centre on 18 June, and an ophthalmology camp at Panruti Satellite Centre on 19 June 2025.



7. SKGV Charity – Kathir-56 Phase-II Function

Date: 11 August 2025

Organising institution / department: Vinayaka Mission's Research Foundation (VMRF)

Organising place: VMKV Medical College Campus, Salem

Event report: VMRF (DU) organised the SKGV Charity – Kathir-56 Phase-II Function at the VMKV Medical College Campus, Salem. The newsletter describes SKGV Charity as an initiative intended to support underprivileged students, schools, hospitals, elderly homes, orphanages and social-service institutions. For Kathir-56 (2024–25), 21 beneficiaries—including government hospitals, educational institutions, homes for the elderly, orphanages and special-education centres—received financial assistance totalling ₹60 lakh.



8. Rotaract Club's 'Thread of Hope' Rural Women's Livelihood Initiative

Date: 14 August 2025

Organising institution / department: Rotaract Club of Aarupadai Veedu Institute of Technology (AVIT)

Organising place: AVIT / VMCC

Event report: The Rotaract Club of Aarupadai Veedu Institute of Technology conducted the "Thread of Hope" professional-service initiative on 14 August 2025 at the Indoor Auditorium, VMCC, as part of the Independence Day celebrations. The initiative was designed to empower rural women through embroidery skills that could foster self-reliance and sustainable livelihoods. Ten participants received training in running stitch, chain stitch, satin stitch and cross-stitch, together with guidance on pattern-making and finishing methods.



9. Student Orientation on Scholarships and Financial-Aid Awareness

Date: 2025

Organising institution / department: School of Allied Health Sciences, VMRF (DU), Salem; programme conducted by Prof. Valarmathi, Academic Coordinator, SAHS

Organising place: School of Allied Health Sciences, Salem

Event report: A student orientation session at the School of Allied Health Sciences, Salem, included information on academic mentoring and counselling services, scholarships, financial aid, career guidance, wellness, grievance redressal and student-support mechanisms. Nearly 200 students participated and that the session encouraged them to make use of the available support systems.



10. MoU with India Vision Institute for Free Eye Screening and Spectacle Support

Date: 30 September 2025

Organising institution / department: School of Allied Health Sciences, VMRF (DU) – Salem, Chennai and Puducherry campuses, in collaboration with India Vision Institute

Organising place: School of Allied Health Sciences, Salem, Chennai and Puducherry campuses

Event report: The School of Allied Health Sciences (Salem, Chennai and Puducherry campuses), VMRF (DU), entered into an MoU with India Vision Institute on 30 September 2025. It describes the partner as a non-profit organisation providing primary eye-care services to underprivileged communities in urban and rural areas. Through the partnership, Optometry students were to gain clinical training and participate in free eye-screening camps for rural and economically weaker sections. The initiative also envisaged distributing free spectacles to people in need.



11. Eco-Friendly Diwali Celebration and Donation to Nattamangalam Children's Orphanage

Date: 17 October 2025

Organising institution / department: Fine Arts Club, Student Council, EVS Club and Bhumi Club, School of Allied Health Sciences, VMRF (DU), Salem

Organising place: School of Allied Health Sciences, VMRF (DU), Salem

Event report: The Fine Arts Club, Student Council, EVS Club and Bhumi Club at the School of Allied Health Sciences, VMRF (DU), Salem, organised a Diwali celebration on 17 October 2025. The programme included cultural performances, a thematic Therukoothu presentation, and a Diwali stall featuring homemade food, games and crafts. The proceeds from the stall were donated to the Nattamangalam Children's Orphanage.



12. Skill Development Programme on Fostering Women's Entrepreneurship through Skills Training

Date: 16 October 2025

Organising institution / department: Aarupadai Veedu Institute of Technology (AVIT), in collaboration with ISR-UBA; coordinated by Mr. S. Sathiyaraj, Assistant Professor, Department of Mechanical Engineering, AVIT

Organising place: Adopted village, Arunkundram

Event report: Aarupadai Veedu Institute of Technology, in collaboration with ISR-UBA, conducted a one-day skill-development programme at the adopted village of Arunkundram on 16 October 2025. Trainer Mrs. N. A. Bharathi from Peace Trust Skill Development Centre, Chengalpattu, delivered hands-on sessions in candle-making and paper gift-bag production. The newsletter reports that 15 women participated and that the practical skills were intended to support income generation, confidence and rural economic development.



***

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

Institutional Scholarship / Fee Concession UG & PG- 2025-2026 (First year to Final year)

S.No	Name of the Institution	Total student	Total Amount (Rs)
1	Aarupadai Veedu Medical College & Hospital, Puducherry	147	11,05,54,000
2	Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals, Salem	66	2,20,48,000
3	Vinayaka Mission's Medical College & Hospital, Karaikal	78	3,41,50,000
4	Vinayaka Mission's Sankarachariyar Dental College, Salem	46	35,80,000
5	Vinayaka Mission's Homoeopathic Medical College and Hospital, Salem	14	6,48,750
6	Vinayaka Mission's College of Pharmacy, Salem	118	19,58,500
7	Vinayaka Mission's Annapoorana College of Nursing, Salem	15	2,10,000
8	Vinayaka Mission's College of Nursing, Puducherry	65	14,88,500
9	Vinayaka Mission's College of Nursing, Karaikal	22	3,80,000
10	Vinayaka Mission's College of Physiotherapy, Salem	46	8,08,500
11	School of Physiotherapy, Puducherry	34	8,97,500
12	Shanmuga College of Physiotherapy, Karaikal	30	3,00,000
13	School of Allied Health Sciences VIMS, Salem	56	7,46,500
14	School of Allied Health Sciences, VMKVMCH Campus, Salem	10	50,000
15	School of Allied Health Sciences, Puducherry	13	1,89,000
16	School of Allied Health Sciences, Karaikal	30	3,00,000
17	School of Allied Health Sciences, Chennai	2	90,000
18	School of Rehabilitation and Behavioral Sciences,Puducherry	16	5,65,400
19	Vinayaka Mission's Kirupananda Variyar Engineering College, Salem	549	1,31,97,000
20	Aarupadai Veedu Institute of Technology, Chennai	1449	10,82,82,000
21	Vinayaka Mission's Kirupananda Variyar Arts & Science College, Salem	90	9,00,700
22	School of Arts & Science, Chennai	292	44,62,500
23	Vinayaka Mission's Law School (VMLS), Chennai	421	2,41,60,000
24	Vinayaka Mission's College of Physical Education, Salem	115	11,00,000
25	Faculty of Interdisciplinary Studies, AVMC Campus, Puducherry	2	42,500

26	Vinayaka Mission's School of Health System, Chennai	7	2,62,500
27	Vinayaka Mission's School of Economics & Public Policy, Chennai	1	1,00,000
28	PH.D	151	76,75,000
	Grand Total	**3885**	**33,91,46,850**

List of VMRF (DU) Publications Made on SDG-1 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Prathiba S.; Gambhir V.; Malathi H.; Gupta K.; Setia N.; Arun D.J.; Jena B.	Effectiveness of Community-Based Interventions in Reducing Tuberculosis Transmission	2025	Genetics and Molecular Research	10.4238/y2m71868	Scopus
2	Manikanda Devarajan N.; Thiruppathi M.; Azhagiri M.; Malika S.; Arunkumar Madhuvappan C.; Vinod Kumar D.	Assessing the Impact of Leaf Blight on Rice Production in India: An Emerging Challenge	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11382956	Scopus
3	Ashique K.K.; Jirli P.S.; Shanu S.	Epidemiological Characteristics And Trends Of Suicidal Deaths In Autopsied Cases: A Retrospective Study From A Tertiary Centre	2025	Journal of Forensic Medicine and Toxicology	10.48165/jfmt.2025.42.4.11	Scopus
4	Gnana Sanga Mithra S.	Innovative Smartphone App Fostering Transgender Inclusion in Chennai, Tamil Nadu	2025	Signals and Communication Technology	10.1007/978-3-031-68952-9_50	Scopus


SDG2

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)
SDG 2 – ZERO HUNGER

SDG 2 Event List

S. No	Date	Event / Activity	Organising Unit
1	7 July 2025	Free Annadanam (Donation of food)	VMRF (DU)
2	1–7 August 2025	Breastfeeding Week Awareness Quiz	NSS Unit, School of Allied Health Sciences, VMKVMC Campus, Salem
3	3 September 2025	Nutrition Week Awareness Programme at Kavingar Bharathidasan High School	School of Allied Health Sciences, VMRF (DU), in association with the Departments of Public Health and Medical Laboratory Technology
4	1–7 September 2025	Online Quiz on Nutrition Awareness	YI Club and SAHS Youth Club, School of Allied Health Sciences, VMRF (DU)
5	September 2025	Webinar on "Right Nutrition for a Healthy Future"	Wellness Club, School of Allied Health Sciences, VMRF (DU), Salem
6	31 October 2025	Experiential Learning Session on "Orange – A Fruit for Better Nutrition"	Department of Child Health Nursing, VMCN, VMRF (DU), Puducherry
7	31 October 2025	Experiential Learning Session on "Corn – Its Nutritional Value and Health Benefits"	Department of Medical Surgical Nursing, VMCN, VMRF (DU), Puducherry

DETAILED EVENT REPORTS

1. Free Annadanam (Donation of food)

Date: 7 July 2025

Organising unit: VMRF (DU), Salem

Event report: Vinayaka Mission's Research Foundation (Deemed to be University) organised a Free Annadanam Programme on every year July 7th, commemorating the birthday of its Founder Chancellor. The initiative reflected the University's commitment to social responsibility, compassion and service to society. Through this programme, free meals were provided to beneficiaries as an expression of care, generosity and community welfare. The initiative highlighted the importance of food sharing, social solidarity and extending support to people in need. The programme reaffirmed VMRF (DU)'s commitment to humanitarian service and inclusive community engagement, reflecting the values of compassion and social responsibility.





2. Breastfeeding Week Awareness Quiz

Date: 1–7 August 2025

Organising unit: National Service Scheme (NSS) Unit, School of Allied Health Sciences, VMRF (DU), Salem

Event report: The NSS Unit organised an online quiz during World Breastfeeding Week to create awareness among students and the public about the importance of breastfeeding. The quiz highlighted the health benefits of breastfeeding for infants and mothers.



Certificate issued for participation in the World Breastfeeding Week online quiz.

3. Nutrition Week Awareness Programme at Kavingar Bharathidasan High School

Date: 3 September 2025

Organising unit: School of Allied Health Sciences, VMRF (DU), in association with the Departments of Public Health and Medical Laboratory Technology

Place: Kavingar Bharathidasan High School, Bahour

Event report: The School of Allied Health Sciences conducted a Nutrition Week Awareness Programme for school students. Around 80 students participated in sessions on healthy diets, an "Alphabets of Nutrition" activity and a nutrition-themed Snake and Ladder game. Multi-millet refreshments were also provided.



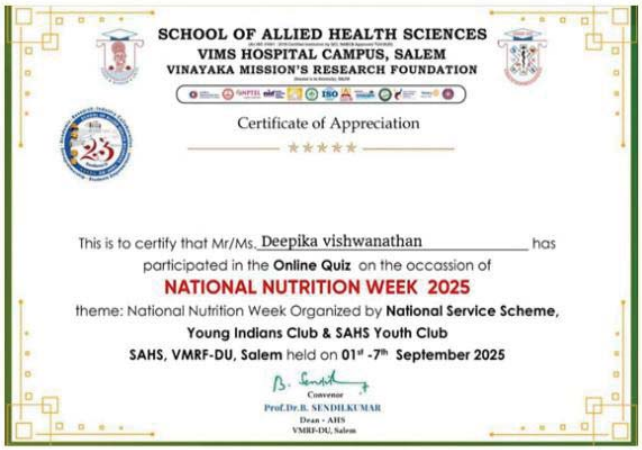
Nutrition Week awareness programme for school students.

4. Online Quiz on Nutrition Awareness

Date: 1–7 September 2025

Organising unit: YI Club and SAHS Youth Club, School of Allied Health Sciences, VMRF (DU)

Event report: The YI Club and SAHS Youth Club organised an online quiz during National Nutrition Awareness Week. The quiz focused on healthy eating habits and the importance of preventing and addressing malnutrition. Participants who completed the quiz received e-certificates.



SCHOOL OF ALLIED HEALTH SCIENCES
VIMS HOSPITAL CAMPUS, SALEM
VINAYAKA MISSION'S RESEARCH FOUNDATION

Certificate of Appreciation

This is to certify that Mr/Ms. Deepika vishwanathan has participated in the **Online Quiz** on the occassion of

NATIONAL NUTRITION WEEK 2025

theme: National Nutrition Week Organized by **National Service Scheme, Young Indians Club & SAHS Youth Club**

SAHS, VMRF-DU, Salem held on **01st -7th September 2025**

Convenor
Prof.Dr.R. SENDILKUMAR
Dean - AHS
VMRF-DU, Salem

Certificate issued for participation in the National Nutrition Week online quiz.

5. Webinar on "Right Nutrition for a Healthy Future"

Date: September 2025

Organising unit: Wellness Club, School of Allied Health Sciences, VMRF (DU), Salem

Event report: The Wellness Club organised a webinar as part of National Nutrition Week. Ms. Padma Juluri, Health and Wellness Coach, Life Shapers Health and Wellness Community, delivered a session on "Right Nutrition for a Healthy Future". The session covered mindful eating and healthy lifestyle choices.



Webinar session on nutrition and healthy food practices.

6. Experiential Learning Session on "Orange – A Fruit for Better Nutrition"

Date: 31 October 2025

Organising unit: Department of Child Health Nursing, VMCON, VMRF (DU), Puducherry

Place: Anganwadi Centre, Ariyankuppam

Event report: The Department of Child Health Nursing conducted an experiential learning session for mothers and children on the nutritional benefits of oranges. The session highlighted the importance of including fruits in a balanced diet.



Nutrition education session on the benefits of oranges.

7. Experiential Learning Session on "Corn – Its Nutritional Value and Health Benefits"
Date: 31 October 2025
Organising unit: Department of Medical Surgical Nursing, VMCON, VMRF (DU), Puducherry
Place: Anganwadi Centre, Moorthykuppam
Event report: The Department of Medical Surgical Nursing conducted an experiential learning session on the nutritional value and health benefits of corn. Interactive demonstrations and discussions were used to explain the role of nutritious foods and balanced diets in maintaining health.



Experiential learning session on the nutritional value of corn.

List of VMRF (DU) Publications Made on SDG-2 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Kanagaraj K.; Karuppanan K.; Nangan S.	Carbon-based nanomaterials from plant extracts and other bioresources in hydrogen storage applications	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00009-3	Scopus
2	Biju V.G.; Shihabudeen H.; Devabalaji K.R.; Abdul Latheef M.M.; Thomas T.; Mali G.	Federated Learning Based Crop Disease Detection in Precision Agriculture	2025	International Conference on Trends in Engineering Systems and Technologies, ICTEST 2025 - Proceedings	10.1109/ICTEST64710.2025.11042416	Scopus
3	Vaidehi V.; Hema R.; Srinivasan C.; Kumar P.S.V.S.; Ruba M.; Vivek V.	Optimizing Plant Disease Resistance Through Cloud-Enabled Microbiome Analysis Using Logistic Regression	2025	2025 International Conference on Computing and Communications, COMPUTINGCON 2025	10.1109/COMPUTINGCON64838.2025.11376916	Scopus
4	Lasithamol N.; Sadath C.A.; Prasanth C.	A Farm-Level Exploration of the Factors Influencing Climate Change Adaptation Strategies among Rice Farmers in Kerala, India	2025	Agris On-line Papers in Economics and Informatics	10.7160/aol.2025.170105	Scopus
5	Nirmala A.; Hemalatha M.; Phoolbabu; Radhamani T.	Evaluation of plant-based extracts as a alternatives for termites control sustainable	2025	Global Nest Journal	10.30955/gnj.07261	Scopus
6	Mohanaprakash T.A.; Bhagyalakshmi A.; Senthilkumar S.; Patro P.; Rao N.K.K.; Boopathi S.	AI-enhanced advanced aquaponics in agricultural systems	2025	Utilizing Aeroponics Techniques for Improved Farming	10.4018/979-8-3693-2320-5.ch009	Scopus
7	Kirubakaran R.; Shameem N.; Saranya E.; Meenambigai K.; Dhanasekar R.; Parray J.A.; Yadav N.; Singh S.; Rustagi S.; Puri P.; Sharma B.; Negi R.; Yadav A.N.	Streptomyces as endomicrobiome: Potential bioinoculants for agricultural sustainability	2025	Journal of Applied Biology and Biotechnology	10.7324/JABB.2025.202260	Scopus
8	Sujatha V.; Kamaja R.; Arun R.; Kavitha U.; Senthilkumar S.; Sujatha S.	Integration of IoT and RNN Models for Predictive Climate Regulation in Vertical Farming	2025	2025 2nd Asia Pacific Conference on Innovation in Technology, APCIT 2025	10.1109/APCIT65661.2025.11410767	Scopus
9	Monisha S.; Charu; Kaur S.; Sar K.; Malathi H.; Nanaware J.P.; Bhati S.S.	Pollinator Network Resilience to Species Loss in Agricultural Landscape Mosaics	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.4.69	Scopus
10	Thakur N.; Tapwal A.; Kumari K.; Thakur R.K.; Ganesamoorthy R.; Thirugnanasambandham K.	Advancements in biogenic nanoparticles synthesis, characterization and its mechanism in disease management	2025	Bioresource Technology Reports	10.1016/j.biteb.2025.102227	Scopus

List of VMRF (DU) Publications Made on SDG-2 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
11	Balasubramaniam A.; Baskar V.V.; Jawahar Rani K.; Bhuvaanesh Ravikaruna Moorthy B.S.; Suresh M.; Murugan S.	Feedforward Neural Network for Temperature Forecasting in Smart Agriculture and Energy Planning	2025	2025 3rd World Conference on Communication and Computing, WCONF 2025	10.1109/WCONF64849.2025.11233741	Scopus
12	Senathipathi S.; Abirami N.; Narayanasamy P.; Mathankumar S.; Lotus A.A.; Muthulekshmi M.	Smart Robotic Crop Replanting and Recovery Using CNNs and Edge Computing	2025	ICDT 2025 - 3rd International Conference on Disruptive Technologies	10.1109/ICDT63985.2025.10986524	Scopus
13	Dilli Ganesh V.; Keer P.K.; Reshma P.; Saranya S.; Krishna B.R.; Dwibedi R.K.	Deep Learning Based Precision Agriculture System for Automated Crop Disease Detection and Classification Using Drone Imagery	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025	10.1109/ICAAIC64647.2025.11330335	Scopus
14	Prasitha P.; Murali H.; Harikumar R.; Ravirose U.; Meiyappan S.	Swallowing Problems in Individuals with Parkinson's Disease– A Self Perception Study	2025	Indian Journal of Otolaryngology and Head and Neck Surgery	10.1007/s12070-025-05902-w	Scopus
15	Michael G.; Ravichandran S.; Sathiamoorthy J.; Yatoo N.A.; Govindharaj I.; Bharath E.	Optimized Faster R-CNN with Weighted ABC for High-Accuracy Gova Leaf Disease Identification	2025	IETACS 2025 - 2025 International Conference on Innovations and Emerging Technologies in AI and Communication Systems: Unifying AI and Communication for a Smarter Tomorrow	10.1109/IETACS68750.2025.11385729	Scopus
16	Ambulkar A.; Malathi H.; Prasad D.; Sharma D.; Arun Daniel J.; Mishra S.N.; Nandhini M.	UNPACKING THE PUBLIC HEALTH CONSEQUENCES OF FOOD INSECURITY ON MENTAL HEALTH IN VULNERABLE COMMUNITIES	2025	Genetics and Molecular Research	10.4238/0nqnrf61	Scopus
17	Maniraj S.P.; Monisha J.; Amutha R.; Kavitha R.; Shriidhar P.J.; Srinivasan C.	Agricultural Water Conservation through AI-Enhanced Solar IoT Networks	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10940116	Scopus
18	Murugan S.K.; Rede G.D.; Baskaran T.L.; Kumari P.; Nuta A.C.	DETERMINANTS OF SOLAR WATER PUMPING SYSTEM ADOPTION AMONG FARMERS: A FACTOR ANALYSIS APPROACH	2025	Journal Of Economic Sciences: Theory And Practice	10.30546/jestp.2025.82.02.2016	Scopus
19	Manikanda Devarajan N.; Thiruppathi M.; Azhagiri M.; Malika S.; Arunkumar Madhuvappan C.; Vinod Kumar D.	Assessing the Impact of Leaf Blight on Rice Production in India: An Emerging Challenge	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11382956	Scopus

List of VMRF (DU) Publications Made on SDG-2 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
20	Usha S.; Patil T.R.; Bhat S.; Lakshmi K.M.G.V.R.; Aishwarya N.; Ramachandran G.	Analysis of Internet of Things for Fresh Agricultural Nutrients and Environmental Factors Product Transportation and its Applications	2025	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025		Scopus
21	Varshini G.; Vinush R.; Amaran S.; Sreekumar K.; Shobana R.	Comparing Adversarially Trained DCATL with CNNs for Plant Disease Classification	2025	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025	10.1109/ICCTDC64446.2025.11158188	Scopus
22	Manikanda Devarajan N.; Azhagiri M.; Balakrishnan S.; Brinda Devi S.; Murali G.; Vinod Kumar D.	Revolutionizing Agriculture: AI-Powered Pest Control and Disease Management using CNNs	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11383267	Scopus
23	Singh S.K.; Manjunath H.R.; Santhosh M.B.; Rangegowda R.; Taneja M.; Kumar R.R.; Singh P.	Genetic Variation Analysis in Drought-Resistant Crop Species Using Molecular Markers	2025	Genetics and Molecular Research	10.4238/2q6tzv26	Scopus
24	Aggarwal D.; Reddy P.; Patil M.; Kumar A.S.; Guo Q.; Kumar S.K.; Pal P.	Biodegradable Polymer Nanocomposites from Agricultural Waste for Sustainable Packaging Applications	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1233	Scopus
25	Nagarajan P.; Datta D.; Begum A.; Naik Y.; Ramakrishnan M.; Kataria A.; Solanki S.	Assessing the Impact of Microplastic Pollution on Aquatic Ecosystems and Food Chains	2025	Genetics and Molecular Research	10.4238/zkf18q44	Scopus
26	Shareef M.M.; Prasath S.; Dhall H.; Al-Fatlawy R.R.; Singh K.R.; Dwibedi R.K.	Soil Moisture Prediction with Temporal Convolutional Networks (TCN) for Precision Irrigation	2025	2025 International Conference on Automation and Computation, AUTOCOM 2025	10.1109/AUTOCOM64127.2025.10957252	Scopus
27	Sujatha V.; Suriya R.; Sethuraman D.; Mohammed A.J.; Jagadeeswaran M.; Ganeshbabu T.R.	Real-Time Seedling Detection and Transplantation Using YOLOv5 in Autonomous Robotic Systems	2025	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025	10.1109/ICDICI66477.2025.11135160	Scopus
28	Gunaseelan R.J.; Raj A.; Nagarajan P.; Perumal S.; Kumar J.; Patil S.J.	Biotechnological Phytochemical Synthesis: Innovations, Challenges, Advantages, Implications	2025	Interdisciplinary Biotechnological Advances	10.1007/978-981-96-2790-5_3	Scopus
29	Rangegowda R.; Makhija H.; Mary Praveena J.; Swain D.K.; Malathi H.; Sree D.V.; Singh S.	Development of Predictive Models Using Applied Statistics for Crop Yield Optimization	2025	Genetics and Molecular Research	10.4238/qkwm5305	Scopus
30	Thi Trang Nhung T.; Verma S.; Ponne S.; Meghwanshi G.K.; Schön T.; Kumar R.	Bacteriophage-based strategies for biocontrol and treatment of infectious diseases	2025	Computational and Structural Biotechnology Journal	10.1016/j.csbj.2025.06.046	Scopus

List of VMRF (DU) Publications Made on SDG-2 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
31	Reddy S.; Bhavan Kumar M.; Ramakrishnan M.; Gupta M.; Nagarajan P.; Karna A.K.; Bhardwaj U.	Analyzing the Antimicrobial Properties of Green Synthesized Nanoparticles in Food Preservation	2025	Genetics and Molecular Research	10.4238/jx940a74	Scopus
32	Venkatachalam S.K.; Senthilkumar D.; Duraisamy N.; Sheela T.; Moovendhan M.	Advancements in polysaccharide-based carriers for eco-friendly fungicide delivery	2025	Carbohydrate Polymer Technologies and Applications	10.1016/j.carpta.2025.101026	Scopus
33	Parvathy P.R.; Vaidehi V.; Nisha K.; Mahesh A.; Ganesan R.; Arunagiri B.	Efficient Fertilizer Variable Rate Management Using Gradient Boosting Machines and Cloud Technology	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11089270	Scopus
34	Aruljothi S.; Devi K.; Mathiyalagen P.; Thirunavukarasu S.	A community based cross-sectional study on prevalence and its associated risk factors of geriatric malnutrition in urban and rural Puducherry	2025	Discover public health	10.1186/s12982-025-00735-y	Scopus
35	Arulnangai R.; Muralitharan G.; Thabassoom H.A.; Ganesamoorthy R.; Thirugnanasambandham K.; Parameswari R.	Assessment of the adequacy of groundwater quality for residential and irrigation applications in India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101229	Scopus
36	Reddy A.R.S.; Nagaraja Rao P.P.; Gopinath V.; Tikhe K.; Ajai Kumar E.; Thangadurai N.	Integrating UAV and IoT Technologies for Precision Agriculture: Efficient Seed Dropping, Fertilization, and Pest Control	2025	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025	10.1109/I2ITCON65200.2025.11210451	Scopus
37	Saravanan T.R.; Poornachandar T.; Anitha C.; Kavitha U.; Rajasekar G.; Sathishkumar V.E.	IoT-based Gradient Boosting Model for Efficient Agricultural Logistics and Transport Management	2025	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025	10.1109/ICIMIA67127.2025.11200831	Scopus


SDG3

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)

SDG 3 – GOOD HEALTH AND WELL-BEING

SDG 3 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	January 2025	Community medical and specialty camps	Aarupadai Veedu Medical College and Hospital
2	January 2025	Free dental camp at Police Hospital, Annathanapatty	Department of Public Health Dentistry
3	January 2025	Homoeopathy community medical camp	Vinayaka Mission's Homoeopathic Medical College
4	January 2025	World Cervical Cancer Awareness programme	The Young Indian Club
5	January 2025	Hearing and speech-language screening camp	School of Rehabilitation and Behavioural Sciences
6	February 2025	World Cancer Day awareness programme	Department of medical Surgical Nursing, VMACON
7	February 2025	World Cancer Day awareness rally and human-chain formation	Department of Radiology and Imaging Technology
8	February 2025	Ophthalmology Specialty Camp	Aarupadai Veedu Medical College and Hospital
9	February 2025	Specialised medical camps across communities	Aarupadai Veedu Medical College and Hospital
10	February 2025	Community eye-care camp at Pachayankuppam Satellite Centre	Aarupadai Veedu Medical College and Hospital
11	March 2025	Dermatology and general medical camps	Aarupadai Veedu Medical College and Hospital
12	March 2025	Dental camps at Kongu Polytechnic College and Government Arts and Science College	Department of Public Health Dentistry
13	March 2025	Community Health Nursing continuing education programme	Department of Community Health Nursing
14	March 2025	Sports physiotherapy and injury-management programme	Tamil Nadu Doctors Cricket Association
15	April 2025	Cervical cancer awareness and HPV vaccination camp	The Young Indian Club, Department of Public Health
16	April 2025	World Autism Awareness Camp	Department of Clinical Psychology, SRBS, AVMC, Puducherry
17	April 2025	Free dental camp at Central	Department of Public Health Dentistry

		Prison, Salem	
18	April 2025	World Tuberculosis Day awareness programme	Department of Medical-Surgical Nursing
19	May 2025	World Hypertension Day awareness programme and health camp	VMKVMC&H
20	May 2025	Free dental camp at Police Hospital, Annathanapatty	Department of Public Health Dentistry
21	May 2025	Menstrual Hygiene Day awareness session	Department of Obstetrics and Gynaecological Nursing
22	May 2025	Community outreach for tobacco and substance-abuse prevention	Aarupadai Veedu Medical College & Hospital
23	June 2025	Fit India Walkathon	NSS, VMCN, PDY
24	June 2025	World No Tobacco Day pledge programme	School of Allied Health Sciences
25	June 2025	Tobacco awareness campaign at PHC Poolavari	Department of Community Medicine
26	June 2025	International Day of Yoga programme	National Service Scheme
27	July 2025	Blood Donation Camp	Department of Transfusion Medicine
28	July 2025	Field Visit to College of Nursing at PIMS	Department of Child Health Nursing
29	July 2025	Free dental camp at Anganwadi Centre, Ammapet	Department of Public Health Dentistry
30	July 2025	ENT outreach camp at Kullanchavadi satellite centre	AVMC, Pondy
31	August 2025	Organ Donation Awareness Programme	Department of Nephrology
32	August 2025	Bone Mineral Density Camp	Department of Orthopaedics
33	August 2025	Dental Camp at Venganar Vajram Matric Higher Secondary School, Pappireddypatti	Department of Public Health Dentistry, VMSDC
34	August 2025	Breastfeeding Week awareness programme	Department of Paediatrics
35	September 2025	Medical camp at Soul Free Rehabilitation Centre, Tiruvannamalai	School of Physiotherapy
36	September 2025	Free dental screening camp at Government Girls Higher Secondary School,	Department of Public Health Dentistry

		Konganapuram	
37	September 2025	World Suicide Prevention Day awareness activities	Department of Clinical Psychology
38	September 2025	School Health Camp benefiting 180 children	Department of Community Medicine along with the Departments of Paediatrics and Dermatology
39	October 2025	Eye camp at SIPCOT, Cuddalore	Aarupadai Veedu Medical College and Hospital
40	October 2025	World Mental Health Day lecture and quiz competition	Department of Psychiatry
41	October 2025	CRRT Workshop and Kidney Health Expo	Department of Renal Dialysis Technology
42	October 2025	Free medical camp at Ettimanickampatti Village	Department of Public Health
43	November 2025	International Conference on Interdisciplinary Synergy – Enhancing the Physician Associate Profession in Futuristic Healthcare	Department of Physician Assistant
44	November 2025	Telemedicine outreach at Silambinathanpettai	Department of Medical Surgical Nursing and Surendra Multispecialty Hospital
45	November 2025	CME on Diabetes Mellitus and its Management	Department of Practice of Medicine
46	November 2025	World Diabetes Day awareness programme	NSS, VMHMC
47	December 2025	Diabetes Awareness Programme at Urban Health Training Centre	Department of Community Medicine
48	December 2025	Multidepartment General Health Camp	Department of Community Medicine
49	December 2025	HIV awareness lecture and free health check-up camp	School of Allied Health Sciences
50	December 2025	Pulse Polio Immunization Programme	Department of Paediatrics

DETAILED EVENT REPORTS

1. Community medical and specialty camps

Date: January 2025
Organising institution / department: Aarupadai Veedu Medical College and Hospital
Event report: Specialty teams conducted general medicine and general surgery camps in Sathipattu and Nellikuppam. consultations, diagnostic support and treatment for community members.



2. Free dental camp at Police Hospital, Annathanapatty

Date: January 2025
Organising institution / department: Department of Public Health Dentistry
Organising place: Police Hospital
Event report: The Department of Public Health Dentistry, Vinayaka Mission's Sankarachariyar Dental College, Salem, conducted a free dental camp at the Police Hospital, Annathanapatti, on 27 May 2025. Six people benefited from the dental services.



3. Homoeopathy community medical camp

Date: January 2025
Organising institution / department: Vinayaka Mission's Homoeopathic Medical College
Event report: The medical camp team screened patients for acute and chronic conditions, provided homoeopathic medicines and recorded basic health measurements, including weight and blood pressure.



4. World Cervical Cancer Awareness programme

Date: January 2025
Organising institution / department: The Young Indian Club
Event report: The Young Indian Club and MPH organised an awareness programme during World Cervical Cancer Awareness Month, with a gynaecologist serving as resource person. The session addressed cervical cancer awareness.



5. Hearing and speech-language screening camp

Date: January 2025
Organising institution / department: School of Rehabilitation and Behavioural Sciences organised a hearing and speech-language screening camp
Event report: The School of Rehabilitation and Behavioural Sciences organised a hearing and speech-language screening camp, extending screening services to participants at the reported venue.



6. World Cancer Day awareness programme

Date: February 2025
Organising institution / department: Nursing College, VMACON
Event report: The Medical Surgical Nursing, VMACON observed World Cancer Day through an awareness programme focused on cancer prevention and early detection.

7. World Cancer Day awareness rally and human-chain formation

Date: February 2025
Organising institution / department: Department of Radiology and Imaging Technology

Event report: The Department of Radiology and Imaging Technology, together with the Young Indians Club, organised a World Cancer Day awareness rally and human-chain activity.



8. Ophthalmology Specialty Camp

Date: February 2025

Organising institution / department: AVMC
Event report: The Camp Team of AVMC conducted an Ophthalmology Specialty Camp at Pachayankuppam Satellite Centre, providing expert eye care, including consultations, vision screenings, and treatments for conditions like refractive errors, cataracts, and glaucoma. The camp also promoted eye health awareness and preventive care, ensuring accessible, high-quality ophthalmic services for the community. The camp was held on February 20, 2025.



9. Specialised medical camps across communities

Date: February 2025
Organising institution / department: Aarupadai Veedu Medical College and Hospital
Event report: Aarupadai Veedu Medical College and Hospital conducted specialised medical camps in February, providing clinical consultations and outreach services across community locations.



10. Community eye-care camp at Pachayankuppam Satellite Centre

Date: February 2025
Organising institution / department: Aarupadai Veedu Medical College and Hospital
Organising place: Pachayankuppam Satellite Centre
Event report: The camp team conducted an ophthalmology specialty camp at Pachayankuppam Satellite Centre, providing consultations and vision screening.



11. Dermatology and general medical camps

Date: March 2025

Organising institution / department: Aarupadai Veedu Medical College and Hospital
Organising place: Vellakarai Satellite Centre
Event report: The February activity summary records a dermatology specialty camp at Vellakarai Satellite Centre and a general medical camp at Echankadu, Kirumampakkam.



12. Dental camps at Kongu Polytechnic College and Government Arts and Science College

Date: March 2025
Organising institution / department: Department of Public Health Dentistry organised free dental camps at Kongu Polytechnic College and Government Arts and Science College
Organising place: Kongu Polytechnic College and Government Arts and Science College
Event report: The Department of Public Health Dentistry organised free dental camps at Kongu Polytechnic College and Government Arts and Science College, Edappadi.



13. Community Health Nursing continuing education programme

Date: March 2025
Organising institution / department: Department of Community Health Nursing
Event report: A continuing nursing education programme on Community Health Nursing was conducted for nursing learners and professionals.



14. Sports physiotherapy and injury-management programme

Date: March 2025
Organising institution / department: VMCPT& Tamil Nadu Doctors Cricket Association
Event report: The Tamil Nadu Doctors Cricket Association conducted specialised programmes on sports physiotherapy and athlete injury management.



15. Cervical cancer awareness and HPV vaccination camp

Date: April 2025
Organising institution / department: The Young Indian Club
Event report: The Young Indian Club and MPH organised an awareness programme during World Cervical Cancer Awareness Month, with a gynaecologist serving as resource person. The session addressed cervical cancer awareness.

16. World Autism Awareness Camp

Date: April 2025
Organising institution / department: The Department of Clinical Psychology, SRBS, AVMC
Event report: The Department of Clinical Psychology, SRBS, AVMC, Puducherry, conducted a World Autism Awareness Camp on April 2, 2025, at Satya Special School, Puducherry, in observance of World Autism Awareness Month. Supported by Director Dr. Arun Banik, Program Coordinator Dr. Sivakumar V, and faculty including Ms. G. Aruna Kumari, Mr. Ajeethkumar Ramadass, Ms. Divya Bharthi TM, and Dr. Theja Prabhakar, the camp was led by M.Phil. trainees. The initiative included developmental screenings, behavioral evaluations, and personalized psychoeducation sessions for parents. Around 50 children participated along with their parents, receiving emotional support and practical guidance to help them better understand and support their children with Autism Spectrum Disorder (ASD).



17. Free dental camp at Central Prison, Salem

Date: April 2025
Organising institution / department: Department of Public Health Dentistry organized a free dental camp at Central Prison
Organising place: Central Prison, Salem
Event report: On October 4, 2025, the Department of Public Health Dentistry organized a free dental camp at Central Prison, Salem under the guidance of Dr. C. Bharath, Associate Professor. The camp was efficiently coordinated by a dedicated team of postgraduate students and CRRIs, ensuring smooth execution and comprehensive dental care for the inmates.



18. World Tuberculosis Day awareness programme

Date: April 2025
Organising institution / department: Department of Medical-Surgical Nursing observed World Heart Day with the theme
Organising place: Panruti Satellite Centre
Event report: On 24th September 2025, AVMC&H conducted a Tuberculosis Control & Diagnosis (TBCD) Outreach Specialty Camp at Panruti Satellite Centre. The camp focused on

early detection, diagnosis, and awareness of tuberculosis, providing essential screening and counseling to community members.



19. World Hypertension Day awareness programme and health camp

Date: May 2025
Organising institution / department: VMKVMC&H
Organising place: Urban Health & Training Centre
Event report: VMKVMC&H, Salem conducted an awareness programme and health camp on 17 May 2025 at the Urban Health & Training Centre, 1st Agraharam. Under the theme "Measure your blood pressure accurately, control it, live longer," 54 people were screened. Individuals with uncontrolled hypertension were referred to VMKVMCH for further evaluation and treatment.



20. Free dental camp at Police Hospital, Annathanapatty

Date: May 2025
Organising institution / department: Department of Public Health Dentistry
Organising place: Police Hospital
Event report: The Department of Public Health Dentistry, Vinayaka Mission's Sankarachariyar Dental College, Salem, conducted a free dental camp at the Police Hospital, Annathanapatti, on 27 May 2025. Six people benefited from the dental services.

21. Menstrual Hygiene Day awareness session

Date: May 2025
Organising institution / department: Department of Obstetrics and Gynaecological Nursing
Event report: The Department of Obstetrics and Gynaecological Nursing, Vinayaka Mission's College of Nursing, Puducherry, observed International Menstrual Hygiene Day on 30 May 2025. The interactive session addressed menstrual hygiene, safe and healthy practices, and stigma associated with menstruation.



22. Community outreach for tobacco and substance-abuse prevention

Date: May 2025
Organising institution / department: Aarupadai Veedu Medical College & Hospital
Organising place: Veerampatinam Fishing Village
Event report: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry, conducted a series of World No Tobacco Day outreach activities from 23–31 May 2025 with community and institutional partners. Activities included an awareness session, street play, TB screening and general health camp at Veerampatinam Fishing Village (85 beneficiaries); an awareness session and health camp at Pudukuppam Fishing Village (90 beneficiaries); and public-awareness performances at Providence Mall and Rock Beach.



23. Fit India Walkathon

Date: June 2025
Organising institution / department: NSS
Event report: NSS and Youth Red Cross volunteers from Vinayaka Mission's College of Nursing, Karaikal, participated in a 2-kilometre Fit India Walkathon on 1 June 2025. Twenty students and one faculty member took part and engaged the public on regular physical activity and fitness.



24. World No Tobacco Day pledge programme

Date: June 2025
Organising institution / department: School of Allied Health Sciences
Event report: The School of Allied Health Sciences, Salem, conducted a pledge programme on 2 June 2025 to mark World No Tobacco Day. Students participated in a collective commitment to tobacco-free living.



25. Tobacco awareness campaign at PHC Poolavari

Date: June 2025
Organising institution / department: Department of Community Medicine
Event report: The Department of Community Medicine, VMKVMC&H, Salem, organised a World No Tobacco Day awareness rally around Primary Health Centre, Poolavari, on 2 June 2025. A health talk covered tobacco-related health hazards, addiction, cessation and regulatory

measures; awareness materials and health-education support were provided to 20 community members.



26. International Day of Yoga programme

Date: June 2025
Organising institution / department: National Service Scheme
Organising place: VMKV Medical College
Event report: In observance of the 11th International Day of Yoga (IDY) – 2025, Vinayaka Mission's Research Foundation (Deemed to be University), in collaboration with its National Service Scheme (NSS) Units, organized a vibrant week-long celebration from June 17 to 21, 2025. Aligned with the University's Silver Jubilee Year, the events highlighted the theme "Yoga for One Earth, One Health," emphasizing the connection between personal well-being and global harmony.

27. Blood Donation Camp

Date: July 2025
Organising institution / department: Department of Transfusion Medicine
Event report: School of Allied Health Sciences, Salem School of Allied Health Sciences, Salem on the auspicious occasion of the birthday of Dr. A. S. Shanmugasundaram, Founder Chairman of VMRF (DU), SAHS, VIMS Campus, organised a series of meaningful events through its NSS and RRC units on 7th July 2025.



28. Field Visit to College of Nursing at PIMS
Date: 11th July 2025

Organising institution / department: Department of Child Health Nursing

Event report: As part of academic enrichment, a field visit was organised from 10th to 11th July 2025 for students of B.Sc. Nursing IV Year, B.Sc. Nursing VI Semester, P.B.B.Sc. Nursing II Year, and M.Sc. Nursing I & II Year. The visit to the College of Nursing at Pondicherry Institute of Medical Sciences (PIMS), Puducherry, provided students with valuable exposure to academic infrastructure, clinical practices, and interdisciplinary learning, enhancing their professional insight and practical understanding of nursing education in a structured institutional setting.



29. Free dental camp at Anganwadi Centre, Ammapet

Date: July 2025
Organising institution / department: Department of Public Health Dentistry organised a free dental camp at the Anganwadi Centre
Organising place: Anganwadi Centre
Event report: Vinayaka Mission's Sankarachariyar Vinayaka Mission's Sankarachariyar Dental College, Salem Dental College, Salem The Department of Public Health Dentistry organised a free dental camp at the Anganwadi Centre, Ammapet, on 14th July 2025. A total of 206 children benefited from oral health screening and dental care services during the camp. The Department of Public Health Dentistry, Vinayaka Mission's Sankarachariyar Dental College, Salem, conducted a free dental camp at the Panchayat Union.



30. ENT outreach camp at Kullanchavadi satellite centre
Date: 28th July 2025

Organising institution / department: Aarupadai Veedu Medical College and Hospital

Event report: Aarupadai Veedu Medical College and Hospital, Puducherry conducted an Otorhinolaryngology (ENT) Specialty Camp at the Kullanchavadi Satellite Centre on 28th July 2025. The camp aimed to provide specialized diagnostic and treatment services for ear, nose, and throat- related conditions. Patients from nearby rural communities benefitted from expert consultations and appropriate medical care.



30. Medical camp at Ambagarathur

Date: July 2025
Organising institution / department: Department of Community Medicine
Event report: The source lists this activity in the SDG 3 event collection but does not provide a separate detailed narrative that can be reliably matched to it. No additional event details or photographs have therefore been added.

31. Organ Donation Awareness Programme

Date: August 2025
Organising institution / department: Department of Nephrology
Event report: SAHS in association with Kidney Health India, organised an Organ Donation Awareness Programme on 5 August 2025. The event featured Dr. K. Kumar, Nodal Officer, State Organ and Tissue Transplantation Organisation (SOTTO) and HoD, Department of Nephrology, IGGH, along with SOTTO team members Dr. S. Manikanda Prabhu, Joint Director; Mr. S. Gnanasekaran, Consultant (ICE & DM); and Ms. P. M. Dhanalakshmi, Transplant Coordinator.



32. Bone Mineral Density Camp

Date: August 2025
Organising institution / department: Department of Orthopaedics
Event report: The Department of Orthopaedics, VMKVMCH, Salem, hosted the Bone Mineral Density (BMD) Camp on 5th and 6th August 2025 as part of the Bone and Joint Week celebrations. The event was held with the beloved presence of Prof. Dr. Ezhil Vendhan, Dean, VMKVMCH, Salem, and Prof. Dr. Deepti Shastri, Deputy Dean.



33. Dental Camp at Venganar Vajram Matric Higher Secondary School, Pappireddypatti
Date: 22nd August 2025

Organising institution / department: Department of Public Health Dentistry

Event report:. The Department of Public Health Dentistry, in association with the Indian Dental Association (IDA), conducted a free dental camp on 22nd August 2025, at Venganar Vajram Matric Higher Secondary School, Pappireddypatti



34. Breastfeeding Week awareness programme

Date: August 2025

Organising institution / department: Department of Paediatrics celebrated World Breastfeeding Week

Event report: and Practical Solutions, delivered by Dr. T. Vasanthan, Associate Professor of Paediatrics & Officer-in-Charge, JIPMER Karaikal, and Paediatrician's Role in Achieving Minimum Dietary Diversity – A Practical Approach, presented by Dr. N. Dinesh Kumar, Associate Professor of Paediatrics, JIPMER Karaikal. TNMC credit points were applied for this event. The Department of Paediatrics celebrated World Breastfeeding Week 2025 from 31st July to 7th August on the theme "Prioritise Breastfeeding: Create Sustainable Support Systems."



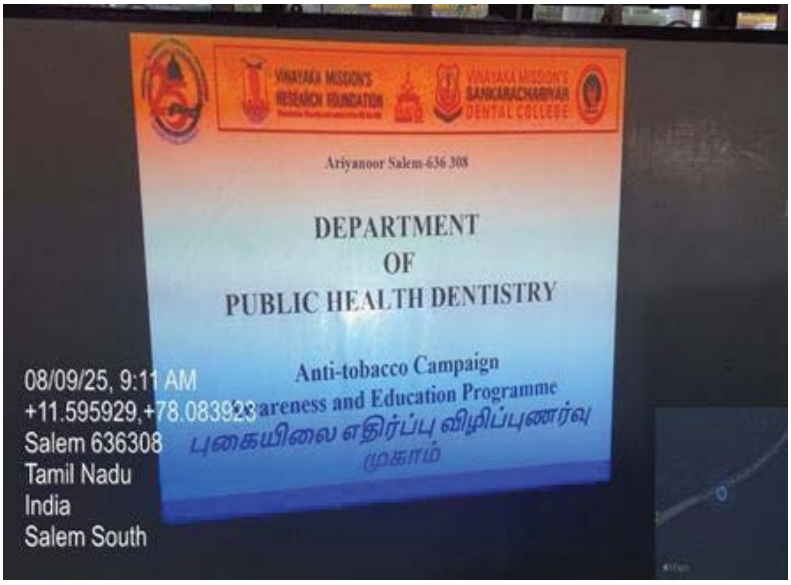
35. Medical camp at Soul Free Rehabilitation Centre, Tiruvannamalai

Date: September 2025
Organising institution / department: School of Physiotherapy organized a Medical Camp at the Soul Free Rehabilitation Centre
Organising place: Soul Free Rehabilitation Centre, Tiruvannamalai
Event report: The School of Physiotherapy organized a Medical Camp at the Soul Free Rehabilitation Centre, Tiruvannamalai on 6th September 2025. The camp aimed to provide accessible healthcare services and physiotherapy interventions to individuals at the rehabilitation center, focusing on improving their physical health, mobility, and overall well-being.



36. Free dental screening camp at Government Girls Higher Secondary School, Konganapuram

Date: September 2025
Organising institution / department: Department of Public Health Dentistry conducted a Free Dental Screening Camp on
Organising place: Government Girls HSC School, Konganapuram, Salem
Event report: The Department of Public Health Dentistry conducted a Free Dental Screening Camp on 6th September 2025 at Government Girls HSC School, Konganapuram, Salem, under the Nalam Kakkum Stalin Scheme. The camp was conducted under the expert guidance of Dr. C. Bharath, Associate Professor and efficiently coordinated by a dedicated team of postgraduate students and CRRIs.



37. World Suicide Prevention Day awareness activities

Date: September 2025
Organising institution / department: Department of Clinical Psychology
Event report: by Dr. Mani (Dean, AVMC&H) and Prof. N.D. Rajan (Consultant, SRBS) underscored the values of dedication, discipline, and academic excellence. Dr. Prajna Bhat (Deputy Director, SRBS) and Dr. C. Saravanan (HOD, Clinical Psychology) provided insights on academic expectations, student support systems, and career development opportunities. The program saw enthusiastic participation from students and parents and concluded on an inspiring note, setting the tone for the Deeksharambh 2025 induction activities.



38. School Health Camp benefiting 180 children

Date: September 2025
Organising institution / department: Department of Community Medicine along with the Departments of Paediatrics and Dermatology organized a comprehensive medical health camp at Montfort Community School
Organising place: Montfort Community School
Event report: Vinayaka Mission's Kirupananda Variyar Medical College & Hospital, Salem on 10.09.2025, the Department of Community Medicine along with the Departments of Paediatrics and Dermatology organized a comprehensive medical health camp at Montfort Community School. The camp aimed to provide essential healthcare services and raise health The Department of Community Medicine, in association with the Department of Obstetrics and Gynecology, organized a medical camp on 13th September 2025.



39. Eye camp at SIPCOT, Cuddalore

Date: October 2025
Organising institution / department: Aarupadai Veedu Medical College and Hospital
Organising place: Singarathoppu, Cuddalore
Event report: on AVMC, in partnership with DBCS, organised an Ophthalmology Specialty Camp at Singarathoppu, Cuddalore on October 8, 2025, offering specialised eye examinations and treatment to sipcot workers.



40. World Mental Health Day lecture and quiz competition

Date: October 2025
Organising institution / department: Department of Psychiatry
Organising place: Smt. Annapoorani Mini Auditorium
Event report: In observance of World Mental Health Day 2025, the Department of Psychiatry, organised a guest lecture series and quiz competition on October 10, 2025, at the Smt. Annapoorani Mini Auditorium. The event featured insightful sessions by eminent speakers



41. CRRT Workshop and Kidney Health Expo

Date: October 2025

Organising institution / department: Department of Renal Dialysis Technology observed National Renal Dialysis Technician Recognition Week in honour of the vital role of dialysis technicians in patient care

Organising place: SAHS Auditorium

Event report: The Department of Renal Dialysis Technology observed National Renal Dialysis Technician Recognition Week in honour of the vital role of dialysis technicians in patient care. The department organized a Workshop on CRRT Machines and an Expo on Kidney Health Models at the SAHS Auditorium. on 15th October 2025, the event was presided over by Prof.



42. Free medical camp at Ettimanickampatti Village

Date: October 2025

Organising institution / department: Department of Public Health conducted a Free Medical Camp on

Organising place: Ettimanickampatti Village

Event report: The Department of Public Health conducted a Free Medical Camp on 25th October 2025 at Ettimanickampatti Village in collaboration with Vinayaka Mission Super Speciality Hospital, Salem, and Kidney Health India. Prof. Dr. B. Sendilkumar, Director, SAHS, presided over the camp, which offered services such as blood pressure check, diabetes profiling, obesity screening, dental and eye check-ups, ECG, and echocardiogram.



43. International Conference on Interdisciplinary Synergy – Enhancing the Physician Associate Profession in Futuristic Healthcare

Date: November 2025

Organising institution / department: Department of Physician Assistant organized the International Conference on

Organising place: Annapurna Auditorium, VMKV Engineering College

Event report: The Department of Physician Assistant organized the International Conference on "Interdisciplinary Synergy – Enhancing the Physician Associate Profession in Futuristic Healthcare" on 08 November 2025 at Annapurna Auditorium, VMKV Engineering College.The conference began with a prayer and lamp lighting ceremony, followed by a welcome address by Dr. G. Deepiga, In- charge, Department of Physician Assistant. Prof. Dr. B. Sendilkumar, Dean, SAHS, presided and delivered the keynote address.



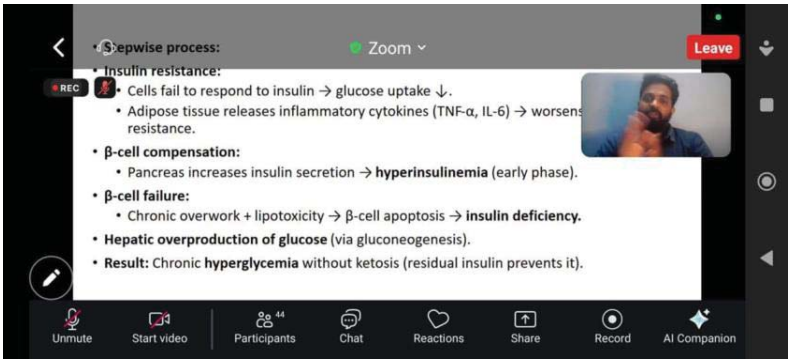
44. Telemedicine outreach at Silambinathanpettai

Date: November 2025
Organising institution / department: Department of Medical Surgical Nursing and Surendra Multispecialty Hospital
Organising place: Silambinathanpettai Satellite Centre
Event report: A telemedicine session was held at the Silambinathanpettai Satellite Centre, enabling remote consultations and extending specialist access to underserved patients. The Department of Medical Surgical Nursing and Surendra Multispecialty Hospital, organized a Walkathon on 09 November 2025 to mark World Stroke Awareness Day. The event aimed to promote public awareness on stroke prevention, early signs, and timely intervention.



45. CME on Diabetes Mellitus and its Management

Date: November 2025
Organising institution / department: Department of Practice of Medicine
Event report: The Department of Practice of Medicine, Vinayaka Mission's Homoeopathic Medical College & Hospital (VMHMC&H), organized an online Continuing Medical Education (CME) session on "Diabetes Mellitus and Its Management" on 10 November 2025,in observance of World Diabetes Day. The programme began with a Welcome Address by Dr. S. Gokulakannan, Principal, VMHMC&H, followed by an insightful session by the resource person.



46. World Diabetes Day awareness programme

Date: November 2025
Organising institution / department: NSS
Event report: Vinayaka Mission's Homoeopathic Medical College & Hospital, Salem, conducted an orientation session on World Pneumonia Day on 12 November 2025 at Lecture Hall–IV. The session, led by Dr. Karthik M.D (Hom), Associate Professor and Head of Physiology & Biochemistry, focused on the physiological effects, stages, and progression of pneumonia. A total of 55 I-BHMS students participated, gaining valuable awareness on disease prevention, clinical recognition, and timely intervention.



47. Diabetes Awareness Programme at Urban Health Training Centre

Date: December 2025
Organising institution / department: Department of Community Medicine at the Urban Health Training Centre
Organising place: Urban Health Training Centre
Event report: Vinayaka Mission's Kirupananda Variyar Medical College & Hospital, Salem World Diabetes Day 2025 was observed by the Department of Community Medicine at the Urban Health Training Centre (UHTC). As part of the programme, faculty members, postgraduate students, and undergraduates delivered awareness talks to patients, focusing on

diabetes prevention, early detection, and effective disease management, thereby promoting healthy lifestyles and informed self-care.



48. Multidepartment General Health Camp

Date: December 2025
Organising institution / department: Department of Community Medicine on
Event report: A UHTC General Health Camp was facilitated by the Department of Community Medicine on 06 December 2025, with active participation from the Orthopaedics, ENT, and General Medicine departments. A large number of patients attended the camp and benefited from comprehensive medical consultations and healthcare services provided by the multidisciplinary team.



49. HIV awareness lecture and free health check-up camp

Date: December 2025
Organising institution / department: School of Allied Health Sciences
Event report: **A**wareness on HIV/AIDS. Students delivered a compelling performance highlighting crucial issues such as early detection, prevention, safe practices, and social stigma. Through realistic scenarios and impactful messaging, street play effectively encouraged

empathy, awareness, and responsible attitudes toward individuals living with HIV/AIDS. on 09 December 2025, the Youth Red Cross (YRC) and National Service Scheme (NSS) of the School of Allied Health Sciences, VMRF– DU, Chennai Campus, in association with the Tamil Nadu AIDS Control Society and the ICTC team, organized an HIV Awareness.



50. Pulse Polio Immunization Programme

Date: December 2025

Organising institution / department: Department of Paediatrics successfully conducted the Pulse Polio Immunization Programme across all designated institutional centres in December

Event report: The Department of Paediatrics successfully conducted the Pulse Polio Immunization Programme across all designated institutional centres in December 2025, in accordance with national public health guidelines. Eligible children were administered oral polio vaccine in a systematic and well-coordinated manner, ensuring safety and accessibility. Faculty members, resident doctors, nursing staff, and support personnel actively contributed to the smooth execution of the programme.



List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Srinivasan S.; Divahar R.	Odor Emissions from Municipal Solid Waste Open Dumps Constituting Health Problems Due to their Composition, Ecological Impacts and Potential Health Risks	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i01.B4200	Scopus
2	Kavitha P.; Ganesamoorthy R.; Kasthuri K.; Kalikkot A.P.; Thirugnanasambandham K.; Yazeedah; Gomathi R.; Maruthavanan T.	Studies on Production of Proteins from Delftia MW172212 Bacteria and their Antibacterial and Anticancer Applications	2025	Journal of Pure and Applied Microbiology	10.22207/JPAM.19.3.57	Scopus
3	Nirmalson S.P.; M V.; M.D T.	Prevalence and epidemiological profile of pulmonary tuberculosis among elderly population residing in old age homes in Salem district, Tamilnadu	2025	Indian Journal of Tuberculosis	10.1016/j.ijtb.2024.08.019	Scopus
4	Samantaray M.; Pushan S.S.; Rajagopalan M.; Abrol K.; Basumatari J.; Murthy T.P.K.; Ramaswamy A.	Designing a multi-epitope vaccine candidate against pandemic influenza a virus: an immunoinformatics and structural vaccinology approach	2025	Molecular Diversity	10.1007/s11030-025-11124-7	Scopus
5	Krishnasamy V.; Muruhan S.	In vivo assessment of Antidiabetic Activity in Streptozotocin (STZ) induced Diabetes in Albino Rats for isolated compound (E, 7R, 11R) - 3,7,11,15-tetramethyl hexadec-2- en-1-ol isolated from Waltheria indica Linn	2025	Research Journal of Biotechnology	10.25303/203rjbt054063	Scopus
6	D S.; Rajaram G.; R E.; J V.; I G.; J R.	Enhanced leukemia prediction using hybrid ant colony and ant lion optimization for gene selection and classification	2025	MethodsX	10.1016/j.mex.2025.103239	Scopus
7	Sangeetha S.; Vijayakarthikeyan M.; Latha P.S.; Shankar R.	Prevalence and Determinants of Non-communicable Disease Risk Factors using WHO STEPS Approach among Adult Population in Rural and Urban Area of Salem — A Comparative Study	2025	Journal of the Indian Medical Association		Scopus
8	Elumalai S.; Madeshwaran S.N.; Somasundaram A.; Ramasamy P.	Silver nanochitosan: a sustainable approach for enhanced antimicrobial, antioxidant, and anticancer applications	2025	3 Biotech	10.1007/s13205-025-04524-x	Scopus
9	Jayakumar L.; Gunasekaran S.; Nainan P.I.; Arali V.; Latkar Y.S.; Rajan R.E.	Assessment of Tonsillar Hypertrophy, Tongue Position, Obesity, and Dentofacial Deformities among Children Aged 8–12 Years	2025	International Journal of Clinical Pediatric Dentistry	10.5005/jp-journals-10005-3119	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
10	Mishra S.; Kavitha K.; Latha R.; Sasi A.C.; Indrajith Devandra B.; Gayathri R.; Hema Shree K.	Prevalence and Antimicrobial Resistance of Hypervirulent Klebsiella pneumoniae in Puducherry, India: A Cross-Sectional Analysis	2025	Journal of Pure and Applied Microbiology	10.22207/JPAM.19.3.25	Scopus
11	Vellaisamy S.G.; Sindhuja R.L.; Manickam N.; Gopalan K.	Cryptococcal immune reconstitution inflammatory syndrome: Cutaneous clues to disseminated cryptococcosis in a human immunodeficiency virus patient coinfected with tuberculosis on antiretroviral therapy	2025	Indian Journal of Sexually Transmitted Diseases and AIDS	10.4103/ijstd.ijstd_27_25	Scopus
12	Menon T.S.K.; Dileep J.E.; Kuruvila S.; Kaliyaperumal D.; Sadasivam I.P.; Dharanisankar S.; Jayabalan G.; Mani D.	Efficacy and safety of intralesional triple combination versus intralesional triamcinolone acetonide for the treatment of keloids: A randomised controlled trial	2025	Indian Journal of Dermatology, Venereology and Leprology	10.25259/IJDVL_1263_2024	Scopus
13	Adhisivam B.; Kamalarathnam C.; Bhat B.V.; Jayaraman K.; Namachivayam S.P.; Shann F.; McSharry B.; David P.; Raja; Sundaram M.	Effect of BCG Danish and oral polio vaccine on neonatal mortality in newborn babies weighing less than 2000 g in India: multicentre open label randomised controlled trial (BLOW2)	2025	BMJ	10.1136/bmj-2025-084745	Scopus
14	Senniappan S.; Praba R.S.; Subair V.C.	Study of regional habits influencing Pharyngeal Cancers – Tobacco in various forms with or without Alcohol	2025	Journal of Neonatal Surgery	10.52783/jns.v14.1770	Scopus
15	Prasad H.; Kala N.; Jacob M.; Rajmohan M.	Immunohistochemical expression of inflammasome-related proteins in head and neck squamous cell carcinoma tissues—A systematic review	2025	Journal of Oral and Maxillofacial Pathology	10.4103/jomfp.jomfp_285_25	Scopus
16	Ponne S.; Chinnadurai R.K.; Kumar R.; Mohanty A.K.; Nogueira Brilhante R.S.; Trang Nhung T.T.; Baluchamy S.	PWWP2A/B: Prominent players in the proteomic landscape	2025	Gene	10.1016/j.gene.2025.149245	Scopus
17	Singh S.	Sensitivity and specificity of Xpert Ultra and Truenat MTB Plus in the diagnosis of pulmonary TB	2025	International Journal of Tuberculosis and Lung Disease	10.5588/ijtld.25.0256	Scopus
18	Shanmugam P.K.; Mariyappan S.; Kumar V.K.; Gopalakrishna K.; Rathnasabapathy B.; Choudhary A.K.; Periasamy P.	Ultrasound assessment of the sciatic nerve depth and its relationship with anthropometric parameters	2025	Anaesthesia, Pain and Intensive Care	10.35975/apic.v29i5.2874	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
19	Upadhyay S.; Parhi M.; Boregowda V.K.S.; Bhardwaj U.; Sriram S.; Ganesh I.; Joany R.M.	Circulating Noncoding RNAS As Minimally Invasive Monitors of Treatment Response and Disease Relapse	2025	Genetics and Molecular Research	10.4238/34jx2q34	Scopus
20	Shanthi C.; Ganesamoorthy R.; Vidhya B.K.D.; Veerakumar V.; Ravi D.; Stevenson P.R.; Thakur N.; Tapwal A.	Therapeutic Benefits of Green Tea for Enhancing Oral Antimicrobial and Denture Hygiene – A Review	2025	Journal of Pure and Applied Microbiology	10.22207/JPAM.19.4.50	Scopus
21	Ravindran D.R.; Kannan S.; Veeranan V.D.; Vellasamy S.	Biogenic synthesis of lipopolysaccharide facilitated silver nanoparticles (LPS-AgNPs) and its molecular mechanisms against systemic pathogens MRSA and Salmonella typhi, an in-vitro and in-vivo based approach	2025	Carbohydrate Polymer Technologies and Applications	10.1016/j.carpta.2025.100912	Scopus
22	Rizvi M.; Malhotra S.; Sami H.; Agarwal J.; Siddiqui A.H.; Devi S.; Poojary A.; Thakuria B.; Princess I.; Gupta A.; Al Malehi A.; Sultan A.; Jitendranath A.; Mohan B.; Khan F.; Tahir H.E.; Ilanchezhiyan N.; Jain M.; Khan M.; Singh N.P.; Gur R.; Mohapatra S.; Farooq S.; Yamunadevi V.R.; Masters K.; Goyal N.; Sen M.; Zadjali R.A.; Rajendradas R.; Meena S.; Dutta S.; Langford B.; Kanungo R.; Jabri Z.A.; Rajaibi A.A.; Singh S.; Mamari A.A.; Singh S.; John K.H.S.; Sardana R.; Kapoor P.; Jardani A.A.; Soman R.; Balkhair A.; Taneja N.	Klebsiella pneumoniae urinary tract infection: A multicentric study highlights significant regional variations in antimicrobial susceptibility across India	2025	IJID Regions	10.1016/j.ijregi.2025.100605	Scopus
23	Krishnamoorthy Y.; Govindan D.; Karunakaran M.; Parveen M.; Poul A.J.; Manohar A.; Rajendran G.	Gamification-Based Teaching Methods for Pandemic and Outbreak Investigation Training Among Healthcare Professionals and Students: A Systematic Review	2025	Simulation and Gaming	10.1177/10468781251338382	Scopus
24	Murugadoss R.; Augustus Devarajan A.; Vetriselvi T.; Rajanarayanan S.	Thyroid Cancer Detection Using Py-SpinalNet: A Pyramid and SpinalNet Approach	2025	Cancer Investigation	10.1080/07357907.2025.2543853	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
25	Ponnan V.M.; Howlader S.; Digraj V.; Hait A.; Choudhary A.K.	Penetrating the diagnostic obscurity: Atypical cutaneous tuberculosis as a paradigm of mimicry and clinical challenge in modern dermatology—A systematic review of global literature (2018–2024)	2025	IP Indian Journal of Clinical and Experimental Dermatology	10.18231/j.ijced.11129.1764144326	Scopus
26	Patappu L.; Dhas P.K.; Mekkhala K.P.; Ponnudhali D.; Jaishankar T.; Saranya T.	Multifaceted Mechanisms of Adiponectin on Cardiovascular Health: A Comprehensive Review	2025	Biomedical Sciences and Clinical Medicine	10.12982/BSCM.2025.30	Scopus
27	Mamatha G.N.; Singh A.; Dev A.; Nagarajan P.; Ebenezar Jebarani M.R.; Meher K.; Nayak P.P.	Whole Genome Sequencing Guided Health Monitoring in Clinical Practice and Preventive Care	2025	Genetics and Molecular Research	10.4238/cj3x3y73	Scopus
28	Manickam K.; Kannan S.; Sathaiah G.; Ravichandran G.	Development of antimicrobial resistance driven by antimicrobial exposure in healthcare, agriculture, and the environment	2025	Antimicrobial Resistance in Humans, Animals, and the Environment: One Health Approach	10.1016/B978-0-443-33702-4.00003-7	Scopus
29	Malaiyappan P.; Aswathy P.T.; Arul V.; Mohan J.	Transforming Global Health: Evidence-Based Intervention and Strategies for Communicable Disease Control – A Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.202586	Scopus
30	Rajesh M.; Babu R.G.; Moorthy U.; Easwaramoorthy S.V.	Machine learningdriven framework for realtime air quality assessment and predictive environmental health risk mapping	2025	Scientific Reports	10.1038/s41598-025-14214-6	Scopus
31	Paul N.; Nagappan A.	Breast Cancer Classification Using Attention-based Multi-View Swin Patch Transformer (Att-MVSPtrans) Model	2025	Proceedings of the ACCTHPA 2025 - Conference on 2025 Advanced Computing and Communication Technologies for High Performance Applications	10.1109/ACCTHPA65749.2025.11168610	Scopus
32	Anand R.; Arun Pandiyan S.; Jayavignesh J.; Raghul Raj S.	Allergic Bronchopulmonary Aspergillosis Unmasked: Case Series of Varied Pulmonary Presentations	2025	Indian Journal of Respiratory Care	10.5005/jp-journals-11010-1181	Scopus
33	Peddareddemma P.; Vijayasamundeeswari C.K.; Parvathy P.; Pavani P.; Lavanya P.	A Comprehensive Study on the Alterations in Liver Enzyme and Pancreatic Enzyme Levels among Patients with Chronic Kidney Disease	2025	Biomedical and Biotechnology Research Journal	10.4103/bbrj.bbrj_291_25	Scopus
34	Singh S.	An Ideal Point-of-Care Test for Screening Tuberculosis Infection	2025	Journal of Infectious Diseases	10.1093/infdis/jiaf259	Scopus
35	Nivashini G.R.; Devmurari P.; Yogarajan K.; Sahoo L.K.; Tejpal J.; Juneja B.; Singh S.; Jatiya L.	Functional Outcomes of Early Physiotherapy Intervention in Post-Stroke Rehabilitation	2025	Genetics and Molecular Research	10.4238/6x88cx31	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
36	Kala S.; Dhakshinamurthy M.; Radhakrishnan V.; Sambantham R.; Shanmugham D.; Patel A.	The Expression of p16 and Ki-67 Immunohistochemistry Biomarkers in Preinvasive Lesions of the Cervix and its Correlation with Histomorphology: A Prospective Study	2025	Journal of South Asian Federation of Obstetrics and Gynaecology	10.5005/jp-journals-10006-2687	Scopus
37	Parthasarathy S.; Kumar R.R.; Mohan; Parhi D.K.; Anand A.; Sudha D.; Rana K.; Arora A.	Clinical Evaluation of Multimodal Therapy in Managing Chronic Heart Failure in Internal Medicine	2025	Genetics and Molecular Research	10.4238/jxeyjq88	Scopus
38	Parameswari R.; K K.; Babujanarthanam R.; Ganesamoorthy R.; Gomathi R.; Yogesh T.	An investigation into male infertility caused by hormonal imbalance and hypertension brought on by SARS-CoV-2	2025	Middle East Fertility Society Journal	10.1186/s43043-025-00234-9	Scopus
39	Raju G.; Senthil K.B.; Sreedharan R.; Shastri D.	Chemoprotective action of Dactylorhiza hatagirea (D. Don) Soo ethanol extract against cyclophosphamide induced reproductive toxicity and oxidative stress on TM3 cells	2025	Plant Science Today	10.14719/pst.10523	Scopus
40	Manikanda Devarajan N.; Thiruppathi M.; Azhagiri M.; Malika S.; Arunkumar Madhuvappan C.; Vinod Kumar D.	Assessing the Impact of Leaf Blight on Rice Production in India: An Emerging Challenge	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11382956	Scopus
41	Rajesh M.	Adaptive Edge-Federated AI Framework for Contactless Menstrual Health Prediction Using Multimodal Physiological Intelligence	2025	MethodsX	10.1016/j.mex.2025.103665	Scopus
42	Collery P.; Desmaele D.; Harikrishnan A.; Veena V.	Impact of Rhenium(I)-Diselenoether Compound on Cell Adhesion, Migration, Invasion Capacities, and MMP-2 Release in MDA-MB-231 Breast Cancer Cells	2025	Anticancer Research	10.21873/anticanres.17394	Scopus
43	Safare R.; Nirupama E.; Kunnathully K.; Ranjithkumar A.; Aradhya S.G.B.; Selvakumar P.; Manjunath T.C.	Environmental Diplomacy and Cross-Border Negotiations	2025	Cross-Border Cooperation in the Age of Climate Change	10.4018/979-8-3373-3972-6.ch009	Scopus
44	Babu T.A.; Bhat B.V.	Transforming Neonatal Care Through Remote Support: A Critical Appraisal of a Hybrid Model Based on Telemedicine and Quality Improvement	2025	Indian Journal of Pediatrics	10.1007/s12098-025-05640-5	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
45	Krishnamoorthy N.; Kannan S.; Dhanusuraman R.	Green Synthesis and Characterization of Zinc Oxide Nanoparticles using Alpinia Officinarum Rhizome Extract for Antimicrobial, Antioxidant and Anti-biofilm Applications	2025	ES Food and Agroforestry	10.30919/faf1746	Scopus
46	Elumalai S.; Somasundaram A.; Ramasamy P.	A comprehensive review on nanochitosan and its diverse applications in various industries	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.141150	Scopus
47	Ling Z.; Behera K.K.; Dave P.D.; Chandrabose G.S.; Kumar R.; Singh S.; Prabavathy S.	Impact of Telemedicine on Healthcare Accessibility and Clinical Outcomes in Rural Populations	2025	Genetics and Molecular Research	10.4238/ajbbyj77	Scopus
48	Manoli A.; Chandrabose G.S.; Dhakishnamoorthy A.; Behea K.K.; Surti S.; Patil R.V.; Chandrasekaran P.; Aulakh D.	Community-Based Strategies for Improving Vaccine Uptake Among Rural Populations	2025	Genetics and Molecular Research	10.4238/f6a07m82	Scopus
49	Mishra S.; Rehan A.D.; Caliaperoumal S.K.; Kar S.; Arya A.; Arora V.	Artificial Intelligence-Assisted Histopathological analysis for the automated diagnosis of oral cancer and precancerous lesions	2025	2025 International Conference on Metaverse and Current Trends in Computing, ICMCTC 2025	10.1109/ICMCTC62214.2025.11196422	Scopus
50	Kannan G.; Paul B.M.; Durairajan M.B.; Annadurai Y.; Piramanayagam S.; Thangaraj P.	Dual anti-inflammatory and antioxidant potentials of Balanophora fungosa J.R. Forst. & G. Forst.: Computational predictions and in vivo validation	2025	Biocatalysis and Agricultural Biotechnology	10.1016/j.bcab.2025.103823	Scopus
51	Kothai R.; Ezhilvendhan K.; Saranya I.; Kanna S.R.; Roshini V.	Study on the effect of topical Nepafenac 0.1% w/v in preventing Macular edema after cataract surgery in patients with diabetes	2025	Research Journal of Biotechnology	10.25303/2011rjbt049053	Scopus
52	Mohamed A.B.; Mohapatra S.; James J.; Janani L.	EFFICACY, SAFETY, AND COST-EFFECTIVENESS OF TELMISARTAN AND CILNIDIPINE IN HYPERTENSIVE PATIENTS WITH CORONARY ARTERY DISEASE IN A TERTIARY CARE TEACHING HOSPITAL: A PROSPECTIVE COMPARATIVE STUDY	2025	Asian Journal of Pharmaceutical and Clinical Research	10.22159/ajpcr.2025v18i11.55273	Scopus
53	Devi S.; Kumar M.	Design, Synthesis, and Evaluation of Erlotinib-Metal Complexes for Enhanced Anticancer Efficacy	2025	International Journal of Drug Delivery Technology	10.25258/ijddt.15.3.33	Scopus
54	Nithya P.; Nagappan A.	Breast Cancer Early Detection using Preprocessing and Data Enhancement Techniques	2025	Research Journal of Biotechnology	10.25303/208rjbt1810186	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
55	Rajkumar M.; Davis Presley S.I.; Yasmin Begum M.; Alamri A.; Al Fatease A.; Girigoswami K.; Govindaraj P.; Sampath S.; Madhankumar R.; Deepak P.	Biogenic synthesis of CuO-TiO2 nanocomposites from Senna auriculata (L.) Roxb. Plant extract and its evaluation of antioxidant, antibacterial and anticancer activity of HepG2 cell lines	2025	Biocatalysis and Agricultural Biotechnology	10.1016/j.bcab.2025.103787	Scopus
56	Ganesh I.; Karthiga I.; Murugan M.; Rangarajalu K.; Ballambattu V.B.; Ravikumar S.	CRISPR/Cas-Based Prenatal Screening for Aneuploidy: Challenges and Opportunities for Early Diagnosis	2025	Medicina (Lithuania)	10.3390/medicina61040610	Scopus
57	Sasikala D.; K. S.K.; Raja M.S.; D. V.K.; D. U.; R. G.	Mathematical modeling in healthcare engineering	2025	Applied Mathematical Modeling for Biomedical Robotics and Wearable Devices	10.1016/B978-0-443-33514-3.00004-6	Scopus
58	Gandru H.K.; Kanakaraju K.	An Imported Case of Multi-variant Complicated Severe Malaria — A Rare Case Report	2025	Journal of the Indian Medical Association		Scopus
59	Arulnangai R.; Muralitharan G.; Thabassoom H.A.; Ganesamoorthy R.; Thirugnanasambandham K.; Parameswari R.	Assessment of the adequacy of groundwater quality for residential and irrigation applications in India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101229	Scopus
60	Mohamed Jaffar A.; Mane M.; Singh P.; Kaushik V.; Jatiya L.; Das A.; Thivya N.	Strengthening Global Health Security: Lessons from Recent Epidemic Outbreaks	2025	Genetics and Molecular Research	10.4238/cy9hbf44	Scopus
61	Dankan Gowda V.; Swetha K.R.; Prasad K.D.V.; Pittala R.B.; Hariram V.	AI and IoT synergy transforming medical technology and patient care	2025	AI Model Design and Data Management for Disease Prediction	10.4018/979-8-3373-5137-7.ch012	Scopus
62	Kumarasundari V.; Malani P.; Namratha M.; Mehta P.; Kunal K.; Sivakumar C.	Smart Medication Disposal Systems: An IoT-Based Approachto Managing Unused Pharmaceuticals	2025	Proceedings ICECONF 2025 - 2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering	10.1109/ICECONF65644.2025.11379623	Scopus
63	Ramu K.; Patthi S.; Prajapati Y.N.; Ramesh J.V.N.; Banerjee S.; Rao K.B.V.B.; Alzahrani S.I.; ayyasamy R.	Hybrid CNN-SVM model for enhanced early detection of Chronic kidney disease	2025	Biomedical Signal Processing and Control	10.1016/j.bspc.2024.107084	Scopus
64	Jennifer H.G.; Indra S.	Street pulse: Unveiling the health mosaic - exploring physical health, mental wellness, and quality of life among street vendors	2025	Journal of Education and Health Promotion	10.4103/jehp.jehp_799_24	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
65	Chandramohan R.; Babu K.L.; Joice S.	Deep Learning Based Decission Support System for Thyrooid Disease Prognosis and Personallised Endocrine Treatment Planning	2025	2025 2nd International Conference on Multidisciplinary Research and Innovations in Engineering, MRIE 2025	10.1109/MRIE66930.2025.11156924	Scopus
66	Natarajan R.A.; Kaliyamoorthy S.; Boopathi V.; Ramasamy J.; Sambandam R.	Mapping the stage-specific plasma p53 interactome reveals colorectal cancer progression signatures and therapeutic vulnerabilities	2025	Journal of Liquid Biopsy	10.1016/j.jlb.2025.100329	Scopus
67	Geethalakshmi V.; Jayaprakash R.; Umapathi K.	Synthesis, Characterization, Molecular Docking, and Biological Studies of Novel Quinoline – Schiff Base Ligand as Antibacterial and Anticancer Agents	2025	ChemistrySelect	10.1002/slct.202504136	Scopus
68	Kishore B.A.; Desai A.; Tiwari S.; Arul V.	Advances in Nanoparticle-Based Drug Delivery Systems: Enhancing Targeted Therapeutic Efficacy in Pharmaceutical Science and Technologycrete Technology	2025	Journal of Neonatal Surgery	10.52783/jns.v14.1717	Scopus
69	Rajasekar M.; Suresh K.; Theerthu A.; Pugazhendhi R.; Sivakumar K.	Diosmin induces mitochondrial-mediated apoptosis and anti-inflammatory effects in Hep-2 cells: an integrated in vitro and in silico analysis	2025	Naunyn-Schmiedeberg's Archives of Pharmacology	10.1007/s00210-024-03690-8	Scopus
70	Singaravelu M.; Jayaprakash P.; Raj A.; Kumar K.; Stanley B.; Arumugam R.	Social Distancing Detection using Single Shot MultiBox Detector	2025	AIP Conference Proceedings	10.1063/5.0254267	Scopus
71	Naveena P.; Naveenkumar P.; Kumar A.B.; Shanmugasundaram S.; Choudhary A.K.; Periasamy P.	Effect of injection speed of hyperbaric bupivacaine 0.5% in spinal anesthesia on block quality and hemodynamic changes in elective cesarean sections	2025	Anaesthesia, Pain and Intensive Care	10.35975/apic.v29i1.2670	Scopus
72	Varun A.; Kirubhakaran K.; Pravin Selvam S.; Ranga Bashyam S.R.	A Study on Association Between Serum Uric Acid and Non-alcoholic Fatty Liver Disease	2025	Journal of the Indian Medical Association		Scopus
73	Mohanan A.S.; Rajasekaran K.; Manickam N.; Vellaisamy S.G.; Gopalan K.	Therapeutic Advances, Diagnostic Innovations, and Strategic Priorities for Global Scabies Control: An Integrative Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.2026111	Scopus
74	Pratheeba P.; Subalakshmi P.; Balaji A.; Subburaaj A.P.; Sridhar J.	Comparative Study Between Sentinel Node Biopsy Versus Axillary Sampling in Women with Clinically Node Negative Operable Breast Cancer	2025	Journal of Neonatal Surgery	10.52783/jns.v14.1881	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
75	Gnanasigamani J.P.; Balasubramanian A.; Rathnasabapathy B.; Pandian N.; Periasamy P.; Choudhary A.K.	Influence of BIS monitoring, obesity severity and anesthetic agents on recovery outcomes in obese patients undergoing laparoscopic surgery: A multivariate analysis	2025	Anaesthesia, Pain and Intensive Care	10.35975/apic.v29i3.2762	Scopus
76	Rajan P.; Arul V.	Biochemical and Entomological Validation of Spathoda Campanulata Q As A Bioenhancer in Plant-Based Mosquito Control Strategies	2025	Journal of Communicable Diseases	10.24321/0019.5138.2026110	Scopus
77	Arularasu M.V.; Vinitha P.; Nelaturi P.	Diabetes: Current Treatment and Its Management	2025	Algae in Diabetes Management: Therapeutic Properties and Applications	10.1007/978-981-95-0571-5_2	Scopus
78	Jaishankar S.; Elumalai S.; Madeshwaran S.N.; Somasundaram A.; Ramasamy P.	Marine-Biowaste-Derived ZnO–Chitosan Nanoparticles: Structural Features and Anticancer Evaluation	2025	BioNanoScience	10.1007/s12668-025-02164-2	Scopus
79	Ignasimuthu A.; Hait A.; Wathore N.; Santhi P.; Periasamy P.; Choudhary A.K.	PRECISION FRONTIERS IN FAMILIAL HYPERCHOLESTEROLEMIA: INTEGRATING PHARMACOGENOMICS AND AI FOR NEXT-GEN CARE – A SYSTEMATIC REVIEW	2025	Opera Medica et Physiologica	10.24412/2500-2295-2025-3-28-48	Scopus
80	Jayan V.; Ugli B.O.K.; Khodjieva G.; Sindhu Shankar S.; Bobamuratov U.; Natarajan K.; Malarvizhi A.	Artificial intelligence-based nonlinear mathematical modeling and control of glucose-insulin dynamics in type 2 diabetic patients	2025	Results in Nonlinear Analysis	10.31838/rna/2025.08.03.014	Scopus
81	Deepak K.V.; Bharanidharan R.	A survey on deep learning and machine learning techniques over histopathology image based Osteosarcoma Detection	2025	Multimedia Tools and Applications	10.1007/s11042-024-19554-5	Scopus
82	Ramesh V.; Lakshmiprabha S.; Ponnudhali D.; Sridevi M.; Jeyachandran G.	Association of novel inflammatory predictor serum C-reactive protein (CRP)/Albumin ratio with diabetic kidney disease in type 2 diabetes patients	2025	Research Journal of Biotechnology	10.25303/201rjbt1420148	Scopus
83	Sharma P.; Dhakishnamoorthy A.; Das J.R.; Anupriya; Homavazir Z.; K.v J.; Singh P.	ASSESSING THE PUBLIC HEALTH BURDEN OF NON-COMMUNICABLE DISEASES IN LOW-AND MIDDLE-INCOME COUNTRIES	2025	Genetics and Molecular Research	10.4238/xr63f566	Scopus
84	Moorthy R.; A J.D.; Annamalai M.M.	Metabolic Syndrome in Patients with Depressive Disorder: A Cross-sectional Study	2025	Indian Journal of Psychological Medicine	10.1177/02537176241309032	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
85	Mendonça D.; Tan Y.-Z.; Lor Y.-X.; Ng Y.-J.; Siyadatpadah A.; Lim C.-L.; Norouzi R.; Pandey R.; Lee W.-C.; Bodade R.; Brandon-Mong G.-J.; Labana R.V.; Jimoh T.O.; Verma A.K.; Hailu T.; Sundar S.S.; Sherasiya A.; Oliveira S.M.R.; Girol A.P.; Nissapatorn V.; Pereira M.D.L.	A Review on Phytochemistry, Ethnopharmacology, and Antiparasitic Potential of Mangifera indica L.	2025	Pharmaceuticals	10.3390/ph18101576	Scopus
86	Azeez S.; Anusha N.; Sathiyaseelan A.; Nagarajan S.	Chitosan: a multifaceted biomaterial – exploring physicochemical insights and diverse drug delivery applications	2025	Journal of Drug Delivery Science and Technology	10.1016/j.jddst.2025.107140	Scopus
87	Singh S.	Tuberculosis preventive treatment in India: Is budget allocation for tuberculosis elimination sufficient?	2025	IJID Regions	10.1016/j.ijregi.2025.100649	Scopus
88	Arul Murugan C.; Dua M.; Suryamani M.A.	Right Atrial Thrombosis with Inferior Vena Cava Extension in Chronic Obstructive Pulmonary Disease: A Case Series	2025	Journal, Indian Academy of Clinical Medicine		Scopus
89	Nathan S.M.; Thirumal C.; Yuganth K.; Kannan B.	In vitro Antidiabetic and Antioxidant Activity of Dioscorea oppositifolia	2025	Research Journal of Biotechnology	10.25303/206rjbt011018	Scopus
90	Ramalingam S.; Ramalingam E.; Azeez S.; Thiyagarajan D.; Sudarson J.	Anti-proliferative potential of extracellular beta-glucans isolated from Trametes hirsuta in carcinoma and leukemic cell lines	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.140644	Scopus
91	Pullakanam T.; Mannangatti M.; Ramesh A.; Nekkala R.; Vijayalakshmi P.	Chemotherapy on hematological and biochemical parameters in breast cancer patients	2025	Caspian Journal of Internal Medicine	10.22088/cjim.16.1.132	Scopus
92	Kaviarasan L.; Gambhir V.; Jayakumar S.S.; Verma V.V.; Gupta M.; Arun Daniel J.; Panda S.S.	A SYSTEMATIC REVIEW OF MOBILE HEALTH INTERVENTIONS FOR ANTIRETROVIRAL THERAPY ADHERENCE IN PUBLIC HEALTH	2025	Genetics and Molecular Research	10.4238/j446ah16	Scopus
93	Prasitha P.; Murali H.; Harikumar R.; Ravirose U.; Meiyappan S.	Swallowing Problems in Individuals with Parkinson's Disease– A Self Perception Study	2025	Indian Journal of Otolaryngology and Head and Neck Surgery	10.1007/s12070-025-05902-w	Scopus
94	Wathore N.; Kumar S.N.; Umasekar U.; Periasamy P.; Choudhary A.K.	RECALIBRATING INSULIN RESISTANCE DETECTION: INTEGRATIVE ANALYSIS OF TYG INDEX VS. GLYCATED ALBUMIN IN A HIGH-RISK POPULATION	2025	Gomal Journal of Medical Sciences	10.46903/gjms/23.4.Suppl.2061	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
95	Ashurmetov A.; Ugli P.S.G.; Ozodbek E.; Bayramdurdi S.; Sattoriy F.; Murali G.; Aishwarya N.	A Compact Millimeter-Wave IoT Antenna Array for High-Precision Biomedical Imaging and Noninvasive Tumor Localization Systems	2025	National Journal of Antennas and Propagation	10.31838/NJAP/07.03.27	Scopus
96	Manoharan M.; Sistla S.; Amberpet R.	Detection of Heteroresistant Vancomycin-Intermediate Staphylococcus haemolyticus Among Blood Isolates	2025	Microbial Drug Resistance	10.1177/10766294251389588	Scopus
97	Karthikeyan S.; Patil S.; Maharana L.; Ganesan E.; Awasthi S.; Suri S.; Sambandam R.	Single Cell and Imaging Genomics for Early Detection and Dynamic Monitoring of Cancer Evolution	2025	Genetics and Molecular Research	10.4238/a73vff58	Scopus
98	Vijayakumar K.; Ganesan V.; Kannan S.	Antibacterial and antibiofilm efficacy of quercetin against Pseudomonas aeruginosa and methicillin resistant Staphylococcus aureus associated with ICU infections	2025	Biofouling	10.1080/08927014.2025.2460491	Scopus
99	Manikanda Devarajan N.; Azhagiri M.; Balakrishnan S.; Brinda Devi S.; Murali G.; Vinod Kumar D.	Revolutionizing Agriculture: AI-Powered Pest Control and Disease Management using CNNs	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11383267	Scopus
100	Nirmalson S.P.; Vijayakarthikeyan M.; Thenmozhi M.D.	Prevalence And Determinants of Peripheral Neuropathy Among Diabetes Mellitus Patients in a Rural Area of Salem District, Tamil Nadu	2025	National Journal of Community Medicine	10.55489/njcm.160520254962	Scopus
101	Oliver A.; Nagarajan P.; Ekambaram G.; Sankaranarayanan N.; Bazeer A.B.; Aladakatti R.H.; Rangan V.R.; Patil S.J.	Salannin: A Versatile Triterpene from Neem with Therapeutic Potential	2025	Phytoconstituents of the Neem Plant: Pharmacological Activities and Applications		Scopus
102	Singh S.; Goyal W.; Chandrabose G.S.; Nayak P.P.; Shanmugapandian S.; Amin P.; Nachappa M.N.	A SYSTEMATIC REVIEW OF MACHINE LEARNING ALGORITHMS FOR DISEASE OUTBREAK PREDICTION IN PUBLIC HEALTH	2025	Genetics and Molecular Research	10.4238/mgvwrx87	Scopus
103	Murugan M.; Musib S.; Vetriselvan Y.; Karthiga I.; Soccalingam A.; Samuel M.S.; Ganesh I.; Ravikumar S.	Genetic variants of leptin receptor gene (rs1137101) and obesity risk in prakriti individuals and its pathogenicity prediction using in silico approaches	2025	Egyptian Journal of Medical Human Genetics	10.1186/s43042-025-00724-5	Scopus
104	Jayakumar S.; Bakthavachalam S.; Singram P.; Rajendran S.	Effectiveness of Motivational Enhancement Therapy on Coping Strategies and Life Satisfaction among Patients with Substance Abuse	2025	Malaysian Journal of Nursing	10.31674/mjn.2025.v16i04.009	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
105	Velmani S.; Sholkamy E.N.; Ruba P.; Kanaga S.; Balamurugan V.; Tarighat M.A.; Abdi G.	Eco-friendly synthesis and biomedical potential of silver nanoparticles using Pandanus dubius extract	2025	Scientific Reports	10.1038/s41598-025-23717-1	Scopus
106	Singh S.; Shrivas A.	Reliable, accessible, cost-effective, & easy (RACE) diagnostic modality: A key for elimination of tuberculosis	2025	The Indian journal of medical research	10.25259/IJMR_527_2025	Scopus
107	Rathipriya A.; Ramesh M.; Prem D.; Sakthivel V.S.; Murugesan A.; Varrshana V.	Immunohistochemical expression of CD57 in different histopathological grades of oral squamous cell carcinoma	2025	Journal of Oral and Maxillofacial Pathology	10.4103/jomfp.jomfp_288_24	Scopus
108	Gayathiri E.; Prakash P.; Kaliaperumal R.; Kannan S.; Sabapathy P.C.; Bazeer A.B.; Ramadoss K.; Patil S.J.; Nagarajan P.	Advancements in Immunology: Comprehensive Insights into Autoimmune Disorders, Diagnostic Innovations, and Emerging Therapeutic Strategies.	2025	Autoimmune Disorders and Secondary Plant Metabolites (Part 1)	10.2174/9798898812348125010010	Scopus
109	Sabapathy P.C.; Parthiban A.; Bhusal C.K.; Singh S.; Sehgal R.; Qi X.	Recent improvements in starch films with cellulose and its derivatives–A review	2025	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2024.105920	Scopus
110	Moogaambiga S.; Hamsavardhini R.; Kirubhakaran; Rangabashyam S.R.; Makina J.	Glycemic Variability Using Ambulatory Glucose Profile in Type II Diabetic Patients	2025	Journal of the Indian Medical Association		Scopus
111	Latha R.; Rout U.; Priya V.S.; Amin P.; Varma P.; Bhardwaj U.; Bansal S.	Urbanization and the Risk of Emerging Infectious Diseases: A Case Study Approach	2025	Genetics and Molecular Research	10.4238/tkrqg602	Scopus
112	Rajkumar M.; Presley S.I.D.; Govindaraj P.; Girigoswami K.; Meenambigai K.; Deepak P.; Deepika B.; Elbehairi S.E.I.; Alfaifi M.Y.; Shati A.A.; Menaa F.	Biomedical Prowess of Clitoria mariana (L.) Flower Methanolic Extract: A Comprehensive In Vitro, Ex Vivo, and In Vivo Evaluation	2025	Chemistry and Biodiversity	10.1002/cbdv.202501051	Scopus
113	Jena S.R.; Joan V.R.; Mohamed J.A.; Mane M.; Shrivastava D.; Taneja M.; Dhakishnamoorthy A.	ASSESSING THE EPIDEMIOLOGY OF INFECTIOUS DISEASE TRANSMISSION IN SCHOOLS FROM A PUBLIC HEALTH PERSPECTIVE	2025	Genetics and Molecular Research	10.4238/r2jdw749	Scopus
114	Kesavan H.; Rajappa M.C.; Ramaswamy S.; Venkatasubramaniam N.; Kumar M.	The Complex Interplay: Hepatitis B, HIV/AIDS and Erectile Dysfunction-A Comprehensive Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.2026107	Scopus
115	Sharma R.D.; Selvaraj G.; Sherin Nithya S.; Sarangi R.; Muley P.; Verma V.V.; Sharma P.	A Population-Based Model for Analyzing Trends in Adolescent Reproductive Health	2025	Genetics and Molecular Research	10.4238/yrxz9x95	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
116	SenthilKumar C.; Anusuya S.; Anbazhagan V.	A critical review on the fabrication of ZnO nanoparticles and their antidiabetic and anticancer activities	2025	Next Nanotechnology	10.1016/j.nxnano.2025.100312	Scopus
117	Dakal T.C.; Xiao F.; Bhusal C.K.; Sabapathy P.C.; Segal R.; Chen J.; Bai X.	Lipids dysregulation in diseases: core concepts, targets and treatment strategies	2025	Lipids in Health and Disease	10.1186/s12944-024-02425-1	Scopus
118	Kalidass B.; Nazeer A.A.; Mahalingam M.; Raja R.K.; Lakshmanan D.K.	Exploring the pharmacokinetic, toxicity and anti-arthritic activity of bioactive polyphenols to mitigate the HIF-regulated angiogenic-pannus growth in rheumatoid arthritis	2025	International Immunopharmacology	10.1016/j.intimp.2025.114851	Scopus
119	Malhotra A.G.; Lokhande L.; Pakhare A.; Soni P.; Vishwakarma S.P.; Maurya A.K.; Singh J.; Singh S.	Diagnostic yield of Xpert MTB/RIF, Xpert MTB/RIF Ultra, and Truenat MTB assays on non-pulmonary samples from suspected cases of extra-pulmonary tuberculosis (EPTB)	2025	European Journal of Clinical Microbiology and Infectious Diseases	10.1007/s10096-025-05177-7	Scopus
120	Jayaseelan G.A.C.; Ashim M.A.P.; Srinivas S.; Rajendran P.	Experimental Investigation and Central Composite Design Modeling Optimization of Dual Biodiesel Mixture in CI Engine Parameters	2025	Russian Journal of Physical Chemistry B	10.1134/S1990793125700666	Scopus
121	Monisha S.; Sangeetha S.P.	Helianthus annuus (Sunflower) and Gossypium herbaceum (Cotton) as a Phytoremediator of Chromium (Cr) in Tannery Wastewater	2025	Indian Journal of Environmental Protection		Scopus
122	Kiran kumar G.; Hariprasath G.M.; Mukesh R.; Surya S.; Sridevi M.	Formulation of herbal based hair colour from Phyllanthus reticulatus	2025	Natural Product Research	10.1080/14786419.2023.2290680	Scopus
123	Salma Sultana S.; Banurekha J.; Kumar M.	SCREENING OF ANTI-COLON CANCER ACTIVITY BY USING HYDROALCOHOLIC EXTRACT OF BORASSUS FABILIFERS HOOT ON SWISS ALBINO MICE	2025	Asian Journal of Pharmaceutical and Clinical Research	10.22159/ajpcr.2025v18i7.54432	Scopus
124	Ayyadurai G.K.; Jayaprakash R.; Shajahan A.; Rathika S.	Studies on 2-((2, 4-dihydroxybenzylidene) amino)-3-phenylpropanoic acid include antimicrobial, antidiabetic, antioxidant, anticancer, hemolysis, and theoretical QSAR	2025	Journal of Biomolecular Structure and Dynamics	10.1080/07391102.2023.2294383	Scopus
125	Sudhir P.K.; Murty S.S.A.V.; Viswanath R.N.; Venkatesan H.	Study of Arsenicum album Homeopathic Medicines: Insights from UV-Visible Spectroscopy	2025	Research Journal of Biotechnology	10.25303/202rjbt064070	Scopus
126	Arun Babu T.; Bhat B.V.	Redefining Viability: The Impact of Proactive Perinatal Care on Survival of Periviable Preterm Infants	2025	Indian Journal of Pediatrics	10.1007/s12098-025-05544-4	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
127	Kumudhavalli M.V.; Gokul S.; Keerthana T.; Janarthanan L.; Kumar M.	Phytochemical Profiling by Hyphenated Technique and Invitro Enzymatic Anti-Diabetic Activity of Ethanolic Extract of (Oryza sativa. L Indica)	2025	International Journal of Advancement in Life Sciences Research	10.31632/ijalsr.2025.v08i01.005	Scopus
128	Krishnamoorthy S.; Kalaivannan J.; Kaliyaperumal S.A.; Kasinathan S.	Phytochemical Profiling and In Silico Approach for Hepato-protective Activity of Various Extracts of Boerhavia diffusa Linn	2025	Journal of Natural Remedies	10.18311/jnr/2025/34179	Scopus
129	Parthasarathy B.; K K.; Selvam S.P.	A study of sarcopenia in patients with type 2 diabetes mellitus of more than 10 years duration and its association with bone mineral density	2025	Irish Journal of Medical Science	10.1007/s11845-025-04050-y	Scopus
130	Ashique K.K.; Jirli P.S.; Shanu S.	Epidemiological Characteristics And Trends Of Suicidal Deaths In Autopsied Cases: A Retrospective Study From A Tertiary Centre	2025	Journal of Forensic Medicine and Toxicology	10.48165/jfmt.2025.42.4.11	Scopus
131	Muruhan S.; Nirmala C.; Gnanamathy G.; Roopa N.; Jayakumar M.	An overview of water quality, water pollutants, and the importance of nanomaterials in water remediation	2025	Current Advancements in Nanomaterials for Wastewater Remediation: Challenges and Mitigation Strategies	10.1016/B978-0-443-16112-4.00002-5	Scopus
132	Deeparani M.; Krishna D.M.; Shanmugathai M.; Bhosale S.A.; Daniel J.; Sreedevi E.; Mary Victoria Florence M.; Sankaraman B.; Rajaram A.	ULTRASOUND IMAGE DE-NOISING AND FEATURE ENHANCEMENT FOR FETAL GROWTH MONITORING	2025	Journal of Environmental Protection and Ecology		Scopus
133	Sharma A.; Mahur P.; John J.; Sanjeevi T.; Ravikumar S.; Singh A.K.; Muthukumaran J.; Jain M.	Targeting cell wall synthesis and metabolic homeostasis in H. pylori: strategies for novel drug development	2025	3 Biotech	10.1007/s13205-025-04583-0	Scopus
134	Mahur P.; Sharma A.; John J.; Sanjeevi T.; Ravikumar S.; Singh A.K.; Muthukumaran J.; Jain M.	Dual inhibition of cell wall biosynthesis and iron scavenging: Novel strategy against MDR Klebsiella pneumoniae	2025	Biochemical and Biophysical Research Communications	10.1016/j.bbrc.2025.152593	Scopus
135	Mohan S.; Karuppusamy I.; Durairajan R.; Sivakumar S.; Manickam A.	Sustainable synthesis of nickel oxide nanoparticles using Abrus precatorius seed extract: Antioxidant and antibacterial potential	2025	Results in Materials	10.1016/j.rinma.2025.100805	Scopus
136	Prathiba S.; Gambhir V.; Malathi H.; Gupta K.; Setia N.; Arun D.J.; Jena B.	Effectiveness of Community-Based Interventions in Reducing Tuberculosis Transmission	2025	Genetics and Molecular Research	10.4238/y2m71868	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
137	Rooba R.; Usmonovichm S.J.; Mirzaev O.; Khurramov N.; Allanazarova F.K.; Vinod Kumar D.; Suresh Kumar G.	AI-Driven nonlinear optimization model for early lung tumor growth prediction using CT imaging and machine learning algorithms	2025	Results in Nonlinear Analysis	10.31838/rna/2025.08.03.012	Scopus
138	Nagarajan P.; Rajarathinam M.; Ekambaram G.; Louis L.R.P.; Kaliaperumal R.	Narrative Review of Advancements in Stem Cell Therapy: Adipose-Derived Stem Cells for Diabetic Foot Ulcer Treatment	2025	International Journal of Hematology-Oncology and Stem Cell Research	10.18502/ijhoscr.v19i4.19987	Scopus
139	Murugesan A.; Ravi S.; Ekambaram M.; Balakrishnan S.; Indrapriyadharshini K.	Tumor hypoxia and cancer stem cell markers expression in oral squamous cell carcinoma- An Immunohistochemical analysis	2025	Indian Journal of Pathology and Microbiology	10.4103/ijpm.ijpm_174_24	Scopus
140	Sathishpriya T.; Thenpandiyan E.; Suresh G.; Ramasamy V.; Kumar S.A.; Senthil S.	Impact of Mg-doped CaCO3/PMMA nanocomposites on their performance of photocatalytic and antibacterial activities	2025	Chemical Physics Impact	10.1016/j.chphi.2025.100968	Scopus
141	Sridhar J.; Pratheeba P.; Subburaaj A.P.; Balaji A.; Deepak V.	Prevalence, Interpretation and Management of Diabetic Lower Limb Amputation in A Tertiary Care Centre	2025	Journal of Neonatal Surgery	10.52783/jns.v14.1911	Scopus
142	Murugan M.; Ravikumar S.; Ganesh I.; Vetriselvan Y.; Priyadharshini A.; Ballambattu V.B.	Prevalence of Genetic Variants Associated with Atrial Fibrillation Risk in the Asymptomatic Young Adult Population	2025	Medicina (Lithuania)	10.3390/medicina61050900	Scopus
143	Kirubakaran R.; Shameem N.; Saranya E.; Meenambigai K.; Dhanasekar R.; Parray J.A.; Yadav N.; Singh S.; Rustagi S.; Puri P.; Sharma B.; Negi R.; Yadav A.N.	Streptomyces as endomicrobiome: Potential bioinoculants for agricultural sustainability	2025	Journal of Applied Biology and Biotechnology	10.7324/JABB.2025.202260	Scopus
144	Nelaturi P.; Silambarasan T.S.; Arularasu M.V.; Kademani S.P.; Shashanka T.M.; Shashidhar K.N.	Mechanism of Action and Signaling Pathways of Diabetes	2025	Algae in Diabetes Management: Therapeutic Properties and Applications	10.1007/978-981-95-0571-5_1	Scopus
145	Dilli Ganesh V.; Keer P.K.; Reshma P.; Saranya S.; Krishna B.R.; Dwibedi R.K.	Deep Learning Based Precision Agriculture System for Automated Crop Disease Detection and Classification Using Drone Imagery	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025	10.1109/ICAAIC64647.2025.11330335	Scopus
146	Ramamoorthy R.; Shanmugasundaram R.S.	HME-NET: A HYBRID MULTIMODAL ENSEMBLE FRAMEWORK FOR EXPLAINABLE AND EFFICIENT BONE CANCER DIAGNOSIS	2025	International Journal of Applied Mathematics	10.12732/ijam.v38i4s.289	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
147	Kademani S.P.; Subramanian V.S.; Nelaturi P.	Identification and Characterization of Candidate Platelet Proteins as Potential Biomarkers for Alcoholism Patients	2025	Alcoholism Treatment Quarterly	10.1080/07347324.2024.2419627	Scopus
148	Mohan D.; Venkatesan R.; Kandy A.T.; Muthu S.; Jayaram S.; Baskaran R.; Pethappachetty P.; Selvaraj D.	Covalent inhibitors in Parkinson's disease: Molecular targeting strategies for neuroprotective intervention	2025	Molecular and Cellular Neuroscience	10.1016/j.mcn.2025.104037	Scopus
149	Rajappa M.C.; Antonysamy D.; Muthumani K.; Vezhaventhan V.; Gnanamoorthi S.; Sivaji R.; Subbiah S.; Ravichandran V.; Antonysamy J.M.	DRESS Syndrome: A Comprehensive Review of Its Clinical and Systemic Complexities	2025	Biomedical and Pharmacology Journal	10.13005/bpj/3160	Scopus
150	Musthafa B.; Prabhahar M.	Numerical and experimental investigation of CI engine parameters using palm biodiesel with diesel blends	2025	Scientific Reports	10.1038/s41598-025-00170-8	Scopus
151	Nagarajan P.; Datta D.; Begum A.; Naik Y.; Ramakrishnan M.; Kataria A.; Solanki S.	Assessing the Impact of Microplastic Pollution on Aquatic Ecosystems and Food Chains	2025	Genetics and Molecular Research	10.4238/zkf18q44	Scopus
152	Ramaraj K.; Kavitha S.J.; Shalom S.P.J.; Surendhar S.P.A.; Indumathi R.; Sakkaravarthi S.	Transfer Learning with DenseNet for Accurate Breast Histopathology Images Classification	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025	10.1109/ICECA66444.2025.11382649	Scopus
153	Rajeshwaran R.; Logeshwari J.; Abirami R.	Effect of EPS Concrete: Balancing Construction Efficiency and Environmental Sustainability	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i02.B4268	Scopus
154	Naganandini D.R.	Mindfulness and mental well-being among the elderly in rural area: A mixed-methods study	2025	Geriatric Nursing	10.1016/j.gerinurse.2025.103621	Scopus
155	Singh A.; Sharma D.; Gopinath K.; Gupta A.K.; Sharma P.; Bisht D.; Singh S.	Proteomic Analysis and Sequential Events During the in-vivo Acquisition of Drug Resistance in Clinical Isolates of Mycobacterium tuberculosis	2025	Infectious Disorders - Drug Targets	10.2174/0118715265356091250519032548	Scopus
156	Dewan A.G.; Sharma R.; Soni S.; Singh I.; Meher R.; Khurana N.; Sajeed S.; Singh D.; Dewan A.D.	Case of recurrent Dermatofibrosarcoma Protuberans factors and pitfalls	2025	Indian Journal of Otolaryngology and Head and Neck Surgery	10.1007/s12070-024-05143-3	Scopus
157	Saini P.; Rangasamy A.; Ray S.; Lakshmi L.; Mohamed Jaffar A.; Kalidhas A.M.; Gupta K.	Wastewater-Based Epidemiology for Early Detection of Viral Outbreaks	2025	Genetics and Molecular Research	10.4238/9ajqv058	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
158	Sudhir P.K.; Hariram V.; Arul V.	Green-Synthesized Nanoparticles of Catharanthus Roseus: A Review of Synthesis, Characterization and Biomedical Applications	2025	Research Journal of Biotechnology	10.25303/2010rjbt3450351	Scopus
159	Suresh G.; Goyal D.; Srinath G.; Anerao P.; Bhan S.; Guo Q.	Electrochemical Sensors Based on Graphene Oxide for Real-Time Detection of Heavy Metal Contaminants	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1234	Scopus
160	Gunasekaran S.; Sakthivel S.; Rajan R.E.; Balasubramanian M.; Latkar Y.S.; Mathew B.M.	Fluoride-induced effects on cognitive development in Indian children: A systematic review and meta-analysis	2025	Journal of Indian Society of Pedodontics and Preventive Dentistry	10.4103/jisppd.jisppd_259_25	Scopus
161	Dhakishnamoorthy A.; Biswal J.; Ambika T.; Desai M.; Varma P.; Singh A.; Kataria A.	COMMUNITY-BASED INTERVENTIONS FOR REDUCING SUBSTANCE ABUSE IN PUBLIC HEALTH SETTINGS	2025	Genetics and Molecular Research	10.4238/8r71hx54	Scopus
162	Ramalingam K.; Balasubramanian A.; Muniappan S.; Rajagopal K.; Andiappan N.	Novel inhibitors of dengue virus methyltransferase: discovery by in vitro-driven virtual screening of fucoidan analogues, its synthesis, characterization, and potential in-vitro anti-dengue activity	2025	Discover Applied Sciences	10.1007/s42452-025-06867-9	Scopus
163	Singh P.; Pati B.K.; Parijatham S.; Lavanya S.; Nagarajan P.; Parikh U.; Madan P.	An Integrated Health Behavior Model for Promoting Contraceptive Use Among Women of Reproductive Age	2025	Genetics and Molecular Research	10.4238/dqj16093	Scopus
164	Thamaraikannan T.; Karthikeyan P.; Sasieekhumar A.R.; Rathinavelu A.; Poovarasan M.; Saravanakumar R.; Srinivasan P.; Rajavel R.	Electrochemical analysis of g-C3N4-ferulic acid composite on the glassy carbon electrode surface and its electrocatalytic activity of dopamine oxidation and sensing	2025	Applied Physics A: Materials Science and Processing	10.1007/s00339-025-08705-6	Scopus
165	Jawahar R.; Aranganathan A.; Meher K.; Wunnava A.; Ganesh D.; Sharma V.K.; Saraswat V.	Noncoding RNA Biomarkers Enabling Real-Time Molecular Surveillance of Chronic Disease Progression	2025	Genetics and Molecular Research	10.4238/cz0sbv51	Scopus
166	Abraham S.A.; Mohan; Raj N.; Setya S.; Nayak P.P.; Wani T.A.; Goyal S.	Microbial Signatures and Molecular Pathology in Cancer Progression and Targeted Therapy	2025	Genetics and Molecular Research	10.4238/s2zdqk37	Scopus
167	Malarvel M.; Goyal W.; Sargam S.; Mundada K.; Viji Amutha Mary A.; Rathore A.	AI FOR PRESERVING INDIGENOUS FOLK ART PATTERNS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6900	Scopus
168	Kademani S.P.; Nelaturi P.; Kalidas S.S.; Ballambattu V.B.; Sambandam R.	Mass Spectrometric Identification of Urinary Biomarkers of Chronic Kidney Disease: A Proteomic-Related Preliminary Report	2025	Indian Journal of Nephrology	10.25259/ijn_255_23	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
169	Sudhakar S.; Vijayasamundeeswari C.K.; Ramakrishnan T.; Sinju R.; Sudha R.	Evaluation of Thyroid Dysfunction and Autoimmunity in Gestational Diabetes Mellitus	2025	Research Journal of Biotechnology	10.25303/2011rjbt2720276	Scopus
170	Ramalingam K.; Logesh J.; Lyanderlivinston D.; Madhumitha S.; Balasubramanian A.	A Retrospective Study on the Bacteriological Profile and Antibiotics Sensitivity along with Resistance Pattern in Neonates with Sepsis in a Tertiary Care Hospital of Salem District, Tamil Nadu	2025	Research Journal of Biotechnology	10.25303/203rjbt015018	Scopus
171	Rajesh M.; Balakrishnan S.; Elankavi R.	Advancing cardiac motion estimation with emerging AI techniques for enhanced echocardiographic image registration	2025	MethodsX	10.1016/j.mex.2025.103432	Scopus
172	Kingpriest P.T.; Okpanachi J.A.; Afolabi S.A.; Ayorinde M.M.; Muoghallu O.I.; Alapa G.E.; Moses M.T.; Muhideen B.; Musa K.M.; Zarmai J.; Aigbodioh F.; Dauda S.; Pugazhenti N.; Sandhya V.; Uppal A.; Galam N.Z.; Silas O.A.; Alayande B.T.	A national cross-sectional study on research opportunities and barriers among medical students in Nigeria, with recommendations	2025	BMC Medical Education	10.1186/s12909-025-07308-2	Scopus
173	Azeez S.; Rahim P.A.; Sudarson J.; Ryntathiang I.; Jothinathan M.K.D.; Ramalingam S.	Chitosan from Rhizopus stolonifer: Process optimization, structural characterization and selective antimicrobial activity	2025	Journal of Ayurveda and Holistic Medicine	10.70066/jahm.v13i8.2205	Scopus
174	Suneetha K.; Gupta K.; Gandhi A.; Rangasamy A.; Ludam R.; Kumar V.V.; Desai M.	EXPLORING THE PUBLIC HEALTH IMPACTS OF AIR POLLUTION ON RESPIRATORY HEALTH IN URBAN POPULATIONS	2025	Genetics and Molecular Research	10.4238/2hv24c33	Scopus
175	Sravani M.; Kokila M.; Ramanathan K.; Kumar A.	Copeptin as a prognostic biomarker in heart failure: a comprehensive review	2025	Folia Medica	10.3897/folmed.67.e153542	Scopus
176	Rajkumar M.; Presley S.I.D.; Begum M.Y.; Alamri A.; Fatease A.A.; Govindaraj P.; Meenambigai K.; Ragavendran C.	Magnetic nanoparticles of Fe3O4 biosynthesis using Anacardium occidentale fruit extract: Evaluation of in vitro antioxidant, antibacterial, antidiabetic, anti-cholinesterase and cytotoxic activities	2025	Inorganic Chemistry Communications	10.1016/j.inoche.2025.114107	Scopus
177	Shrivas A.; Singh S.; Singh J.; Shankar P.; Soni P.; Rufai S.B.; Maurya A.; Purwar S.	Discordance in genotypic and phenotypic drug susceptibility results: time to reconsider critical concentration of rifampicin	2025	Microbiology Spectrum	10.1128/spectrum.02236-24	Scopus
178	Das S.; Shrivas A.; Soni P.; Kumar Gupta A.; Singh S.; Bhattacharjee M.	Quantitative Image Sensing of Tuberculosis Biomarkers Using Rapid Diagnostic Test Kit	2025	IEEE Sensors Journal	10.1109/JSEN.2024.3523750	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
179	Elavarasan S.; Rathnasabapathi E.; Souz V.D.; Gomathy	Integrating Ultrasound Imaging with Structured State Space Models for Hormonal Pattern forecasting in Polycystic Ovary Syndrome	2025	2nd International Conference on Artificial Intelligence for Innovations in Healthcare Industries, ICAIIHI 2025	10.1109/ICAIIHI67124.2025.11403475	Scopus
180	Jaganathan M.; Kathiresan S.; Muthusamy R.; Azhamuthu T.; Asath N.A.A.; Ravichandran P.; Vasu R.; Veerapandiyan P.	Boldine as a Potent Anticancer Agent: Induction of Oxidative Stress, Mitochondrial Dysfunction, and Apoptosis via Inhibition of Notch Signaling in Human Oral Carcinoma Cells	2025	Journal of Biochemical and Molecular Toxicology	10.1002/jbt.70424	Scopus
181	Hasan F.; Makhija H.; Sanjeevi T.; Das C.; Pavithra P.; Amin P.; Renuka Jyothi S.	Integrating the One Health Approach to Combat Antimicrobial Resistance in Developing Countries	2025	Genetics and Molecular Research	10.4238/vfb91p31	Scopus
182	Thirunavukarasu R.; Vijayasamundeeswari C.K.; Sudhakar S.	Serum Irisin as a Marker of Tubular Injury in Chronic Kidney Disease Patients Undergoing Hemodialysis	2025	Biomedical and Biotechnology Research Journal	10.4103/bbrj.bbrj_251_25	Scopus
183	Dinesh E.; Gnanamathy G.; Senthil Nathan M.; Elumalai P.; Sridevi M.	Gallic acid Inhibiting TGF-beta and modifying Intrinsic Apoptotic Signalling Pathways to suppress Osteosarcoma Cell Migration, Proliferation and to induce Apoptosis	2025	Research Journal of Biotechnology	10.25303/204rjbt085093	Scopus
184	Singh S.	Public–private partnership to end tuberculosis: challenges and opportunities	2025	International Journal for Equity in Health	10.1186/s12939-025-02516-0	Scopus
185	Subramanian B.; Duraisamy S.; Kaliyaperumal S.A.; Yesuraj R.; Balakrishnan S.; Sagayaraj S.	Hypersoft Sets with Weight-Based SVM for Medical Uncertainty Modeling: A Case Study in Heart Disease Diagnosis	2025	Journal of Fuzzy Extension and Applications	10.22105/jfea.2025.506825.1797	Scopus
186	Devi U.; Ballambattu V.B.	Fetal, neonatal, and neurodevelopmental outcomes in infants of diabetic mothers	2025	Diabetes and Neurodegeneration	10.1016/B978-0-443-33355-2.00006-2	Scopus
187	Arulnangai R.; Asia Thabassoom H.; Vajiha Banu H.; Thirugnanasambandham K.; Ganesamoorthy R.	Recent developments on ursolic acid and its potential biological applications	2025	Toxicology Reports	10.1016/j.toxrep.2025.101900	Scopus
188	Thakur S.; Yadav R.; Kaur U.; Thakur J.S.; Sehgal R.	Efficacy of medicinal plants in cryptosporidiosis treatment: a comprehensive review	2025	Journal of Parasitic Diseases	10.1007/s12639-024-01769-w	Scopus
189	Wani T.A.; Kaur P.; Sanjeevi T.; Sahu P.K.; Bhuvaneswari S.; Gambhir V.; Raghavendra Rao P.S.	Public Health Strategies to Combat Rising Cases of Drug-Resistant Tuberculosis	2025	Genetics and Molecular Research	10.4238/gq0py902	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
190	Murugesan D.; Vaithilingam A.; Ramanathan R.; Muthukumarasamy T.; Vincent V.; Shanmugam J.	FACULTY PERSPECTIVES ON THE IMPLEMENTATION OF COMPETENCY-BASED MEDICAL EDUCATION AT A TERTIARY CARE HOSPITAL IN INDIA	2025	Asian Journal of Pharmaceutical and Clinical Research	10.22159/ajpcr.2025v18i2.53472	Scopus
191	Khan D.A.; Hasan M.N.; Boonhok R.; Sungkanu S.; Singhaboot Y.; Shorna A.A.; Hasan A.; Chotivanich K.; Wilairatana P.; Siyadatpanah A.; Norouzi R.; Sama-ae I.; Mitsuwan W.; Paul A.K.; de Lourdes Pereira M.; Sundar S.S.; Mahboob T.; Wiart C.; Labana R.V.; Chimplee S.; Nissapatorn V.	In vitro and in silico investigations of Propolis-derived phytochemicals as potential inhibitors of Plasmodium falciparum	2025	Veterinary World	10.14202/vetworld.2025.1644-1659	Scopus
192	Chikku S.; Malathi S.	A Study to Assess the Effect of Health Promotion Intervention on Knowledge Regarding Prevention of Coronary Artery Disease Among College Students in Selected Colleges at Alappuzha District in Kerala, India; [Evaluación del impacto de la intervención en promoción de la salud sobre los conocimientos relativos a la prevención de la enfermedad arterial coronaria entre los estudiantes universitarios de colegios seleccionados en el distrito de Alappuzha, Kerala, India]	2025	Social Medicine	10.71164/socialmedicine.v18i3.2025.1747	Scopus
193	Gupta S.; Sambandam R.; Megalan Leo L.; Kolaventi S.S.; Panda A.K.; Murugan R.; Solanki S.	Multimodal Omics and Wearable Sensor Data Fusion for Continuous Cardiometabolic Health Assessment	2025	Genetics and Molecular Research	10.4238/cqhv1j30	Scopus
194	Pavithra M.; Maheswar Y.; Nag D.; Srinivas D.; Hariram V.; Dankan Gowda V.	Precision-based Object Detection in Cardiac Imaging for Early Heart Disease Diagnosis	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025	10.1109/ICSCN67106.2025.11308559	Scopus
195	D A.J.G.; Upadhyay S.; Parhi D.K.; V H.; Solanki S.; Saini R.; Ganesh I.	Epigenetic Signatures for Continuous Metabolic Health Monitoring in at Risk Populations	2025	Genetics and Molecular Research	10.4238/wp2pj215	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
196	Thirugnanasambandham K.; Gomathi R.; Parameswari R.; Kossar S.; Rasool A.; Shinyjoy E.; Ganesamoorthy R.	Sustainable Approach of Real Municipal Wastewater Treatment Using Lactobacillus plantarum Strain, Aluminum Chloride and Moringa oleifera Seed	2025	Journal of Water Chemistry and Technology	10.3103/S1063455X25010060	Scopus
197	Desai M.; Malathi H.; Singh S.; Kalra S.; Latha R.; Singh S.; Palthangam G.	The Role of Public Health Education in Preventing the Spread of Infectious Diseases	2025	Genetics and Molecular Research	10.4238/5hkdrr52	Scopus
198	Simonthomas S.; Shalini K.S.	VANET Denial of Service Attack Detection in Using Optimization and Deep Feedforward Neural Networks	2025	4th Wireless, Antenna and Microwave Symposium, WAMS 2025	10.1109/WAMS64402.2025.11158965	Scopus
199	Sivanantham E.; Shasikanth G.; Jayanthi L.N.; Logapriyadarshini K.; Ganeshbabu T.R.; Esther A.J.	ANN Approach for Predicting Asthma Severity Levels from Clinical Data	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025	10.1109/ICSCN67106.2025.11308337	Scopus
200	Hemakairavi R.; Maria L.A.; Regan M.S.	Burden and Factors Influencing Tobacco Use and Other Substance Abuse among Immigrant Construction Workers in Chennai — A Community Based Cross Sectional Study	2025	Journal of the Indian Medical Association		Scopus
201	Madhale M.D.; Pandey S.; Jadav V.; Gupta K.; Saha S.; Das S.K.; Kumar R.R.	Efficacy Comparison of mRNA Based and Conventional Immunosuppressants in Chronic Kidney Disease	2025	Genetics and Molecular Research	10.4238/hysgkd47	Scopus
202	Nazeer H.A.; Kannan S.; Balakrishanan J.; Nair V.K.; Kavitha Y.; Bhosale N.K.	The gut microbiota and breast cancer: A comprehensive review of emerging links and therapeutic implications	2025	Medicine in Microecology	10.1016/j.medmic.2025.100155	Scopus
203	Arun N.R.; Venkatesan H.; Soumya R.S.; Sridevi M.	Acute Promyelocytic Leukemia Unraveled: Biotechnological Approaches in Targeted Therapies and Molecular Mechanisms - A Review	2025	Research Journal of Biotechnology	10.25303/207rjbt2040211	Scopus
204	Makina J.; S M.; S.R R.	Correlation between serum C-peptide level and diabetic retinopathy according to estimated glomerular filtration rate in patients with type 2 diabetes	2025	Irish Journal of Medical Science	10.1007/s11845-025-03919-2	Scopus
205	Shanmugasundaram R.; Selvam P.; Neelima S.	Correlation of Serum Vitamin D with Serum Calcium Level in Hypothyroid Patients	2025	Journal of the Indian Medical Association		Scopus
206	Nagarajan P.; Rajarathinam M.; Jayakumar A.D.; Thirumal P.; Rangarajalu K.; Perumal N.; Muthiah P.; Howlader A.	From Fat to Healing: How Adipose-Derived Stem Cells Are Changing the Game for Diabetic Foot Ulcers—A Perspective	2025	Health Science Reports	10.1002/hsr2.71385	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
207	Badashah S.J.; Alam A.; Jawarneh M.; Moharekar T.T.; Hariram V.; Poornima G.; Jain A.	Cancer Classification and Detection Using Machine Learning Techniques	2025	Natural Language Processing for Software Engineering	10.1002/9781394272464.ch6	Scopus
208	De Mukhopaddhay K.; Hoskeri P.A.; Jayaram V.; Ahmed N.; Arul V.; Jothi N.K.	Tagging Physical Receding through Human Spotting to Prevent Pandemic	2025	2025 International Conference on Sustainability, Innovation and Technology, ICSIT 2025	10.1109/ICSIT65336.2025.11295447	Scopus
209	Sathishbabu M.; Ramasamy S.; Ramachandran N.; Palanisamy S.; Subramaniam A.	Impact of thyroid hormones and serum endothelin levels on pediatric asthma control: a case-control study of an Indian population	2025	Clinical and Experimental Pediatrics	10.3345/cep.2025.00143	Scopus
210	Sundar V.; Tamil Selvan S.; Arularasu V.M.; Arumugam M.; Chinnaraj S.	Investigation and Characterization of Eco-Technological Synthesis of Spherical TiO2 Nanoparticles from Thalassia hemprichi and Analysis of Biomedical Properties	2025	Applied Biochemistry and Biotechnology	10.1007/s12010-024-05143-7	Scopus
211	Sangeetha S.P.; Sona S.; Tapung N.; Kumar A.; Kumar S.	Assessing Phytoremediation Potential of Aloe barbadensis, Chrysopogon zizanioides and Ocimum tenuiflorum for Sustainable Removal of Heavy Metals from Contaminated Soil	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2024.v24iS1.019	Scopus
212	Balasundaram A.K.; Ramachandran N.; Govindarajan P.K.; Murugesan K.	Prevalence of diabetes among fishermen in Chidambaram, Tamil Nadu	2025	Discover public health	10.1186/s12982-025-00871-5	Scopus
213	Sindhu B.; Elumalai P.; Muruhan S.; Senthil Nathan M.	Exploring the Phytochemical, Antioxidant, Antimicrobial and Anticancer Potential of Callistemon citrinus (Red Bottlebrush) Bark Extracts in Bone Cancer Cell Line	2025	Research Journal of Biotechnology	10.25303/206rjbt066075	Scopus
214	Anil A.; Vellaisamy S.G.; Manickam N.; Gopalan K.	Reactivations, paradoxical reactions, and immune reconstitution in human immunodeficiency virus-associated leprosy: A scoping review of global case patterns, immunopathogenesis, and therapeutic gaps	2025	Indian Journal of Sexually Transmitted Diseases and AIDS	10.4103/ijstd.ijstd_152_25	Scopus
215	Gunavathy G.; Kalaivani R.; Priyadarshini; Savery V.B.; Devi S.U.; Hanifa M.; Easow J.M.; Subash C.G.	Epidemiology and microbial profile of medical device-associated infections in a tertiary care ICU: a cross-sectional study	2025	Romanian Journal of Infectious Diseases	10.37897/RJID.2025.3.9	Scopus
216	Malaiyappan P.; Ramya E.D.; Arul V.; Ganesan G.	Dengue Fever: A Rare Perspective and Emerging Strategies for Sustainable Global Control	2025	Journal of Communicable Diseases	10.24321/0019.5138.202536	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
217	Prasad G.K.; Kumar S.B.; Poovizhi I.; Rajasekar M.; Sangeetha S.	Correlation between Scalp Hair Morphology, Haematological Parameters and Glycaemic Status in Individuals with Diabetes Mellitus	2025	Research Journal of Biotechnology	10.25303/207rjbt047055	Scopus
218	Johnson L.P.; Manigandan A.C.V.; Shanmugasundaram R.; Anoosh G.	Association Between Admission Hyperglycemia and Outcome in Acute Stroke Patients	2025	Journal of the Indian Medical Association		Scopus
219	Rajesh M.	AI-Powered Menstrual Cycle Tracking With Contactless Biosensing and Federated Learning for Privacy-Preserving Ovulation Prediction	2025	IEEE Internet of Things Journal	10.1109/JIOT.2025.3600457	Scopus
220	Sriram S.; Jayakumar A.D.; Gollapalli P.K.; Chandrasekar S.	Demand-side barriers and economic burden in accessing Human Papillomavirus screening for cervical cancer prevention in rural India: Evidence from a cross-sectional study	2025	F1000Research	10.12688/f1000research.150361.2	Scopus
221	Vinitha G.; Balakrishnan J.; Nagarajan P.; Kannan S.	Reconnoitering the Association of Vaginal Microbiota Composition in the Female Reproductive Tract with Health and Disease	2025	Open Microbiology Journal	10.2174/0118742858375414250428060224	Scopus
222	Jayakumar M.; Babu K.L.	Homeopathic Management for Children with Oppositional Defiant Disorder: A Clinical Study	2025	Mental Health: Global Challenges	10.56508/mhgcj.v8i1.266	Scopus
223	Kalaimathi S.A.G.; Jagadeesh N.S.; Muthugounder K.; Ramesh S.	Effectiveness of Nursing Curriculum Implementation Support Program for Academic Heads	2025	Journal of Datta Meghe Institute of Medical Sciences University	10.4103/jdmimsu.jdmimsu_817_24	Scopus
224	Kumar M.; Murugaiyan U.; Jha A.; Singh A.; Sendilkumar B.; Venkatesh M.; Arjun B.; Kumari N.	Exploring Dentists' Awareness and Approaches to Mucormycosis: A Post-COVID Orofacial Complication in the Context of Communicable Diseases	2025	Journal of Communicable Diseases	10.24321/0019.5138.202514	Scopus
225	Soman K.; Kanagaraj K.; Senthilkumar N.; Rajendran S.; Faraj T.K.; Alrefaei A.F.; Thirumalaivasan N.; Sundaram T.; Roy A.; Verma R.; Thomas S.; Gopi S.; Lackner M.	Nitrogen-doped carbon dots from Brahmi (Bacopa monnieri): Metal-free probe for efficient detection of metal pollutants and methylene blue dye degradation	2025	Green Processing and Synthesis	10.1515/gps-2024-0182	Scopus
226	Velmurugan S.; Ganesan K.; Rajasundaram A.; Thangam C.; Cyril R.; Subbaraj G.K.	Nanoparticles and the Vaginal Microbiota: Diagnostic and Therapeutic Innovations in Human Papilloma Virus-associated Cervical Cancer – A Systematic Review	2025	Nigerian Postgraduate Medical Journal	10.4103/npmj.npmj_265_24	Scopus
227	Shrivas A.; Singh S.	Tuberculosis Diagnosis and Management: Recent Advances	2025	Journal of Global Infectious Diseases	10.4103/jgid.jgid_112_24	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
228	Misal S.R.; Mohan L.; Sundararajan S.K.; Bathala B.; Majumdar S.; Sivakumar C.	Telemedicine and Remote Patient Monitoring: Enhancing Access to Healthcare Through IoT and AI Technologies	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025	10.1109/CE2CT64011.2025.10941287	Scopus
229	Balasaranya K.; Balamurugan M.; Ravindra Babu B.; Chandravathi C.; Logapriyadarshini K.; Naganathan S.B.T.	Real-Time Traffic Violation Detection with Automated Enforcement Using Computer Vision	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11089113	Scopus
230	Velmurugan S.; Ganesan K.; Rajendran R.; Subbaraj G.K.	The X-ray repair cross-completing gene 1 (XRCC1) polymorphisms and lung cancer incidence – a confirmatory umbrella review of observational evidence	2025	European Journal of Clinical and Experimental Medicine	10.15584/ejcem.2025.1.29	Scopus
231	Deepa S.; Sarumathy K.A.; Prithiviraj N.	NUTRACEUTICALS AND GERIATRIC SEXUAL HEALTH	2025	Nutraceuticals for the Treatment and Prevention of Sexual Disorders		Scopus
232	Jayaudhaya J.; Gunavathie M.A.; Amutha M.; Chitra Devi D.; Loganathan S.; Palanivel V.	Smart Intersection Management with Real-Time Collision Prevention Using AI and IoT	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11088515	Scopus
233	Kittappa T.; Padmavathi T.; Kumuda P.R.; Suresh G.B.; Murugesan G.; Revathi V.	An Intelligent Internet of Things Based Health Care Hospital Management of Medical Waste and its Segregation	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025	10.1109/ICVADV63329.2025.10961033	Scopus
234	Mythili V.M.R.; Kumaran K.; Chattopadhyay S.; Basha S.A.; Sekar S.; Senthil S.; Prabhu D.; Rangasamy K.; ArulJothi K.N.	Marine-Derived Compound Targeting mTOR and FGFR-2: A Promising Strategy for Breast, Lung, and Colorectal Cancer Therapy	2025	Medicinal Chemistry	10.2174/0115734064346419241104110015	Scopus
235	Rajendran G.; Mahalingam S.; Ramkumar A.; Tamilarasu K.P.; Kannan R.	Surgical versus conservative management for traumatic brain injury in elderly patients: A propensity-matched cohort study	2025	Turkish Journal of Emergency Medicine	10.4103/tjem.tjem_133_24	Scopus
236	Monisha J.; Ramalingam L.; Mathankumar S.; Narayanasamy P.; Rajmohan M.; Murugan S.	Convolutional Neural Networks for Enhanced Real-Time Traffic Incident Detection and Image Classification	2025	Proceedings - 3rd International Conference on Advancement in Computation and Computer Technologies, InCACCT 2025	10.1109/InCACCT65424.2025.11011399	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
237	Subhalakshmi V.; Jaiswal R.; Priyadharshini K.I.	Immunohistochemical Expression of BCl2 Oncoprotein in Varying Histological Grades of Oral Squamous Cell Carcinoma	2025	Online Journal of Health and Allied Sciences		Scopus
238	Parimala A.B.; Shanmugasundaram R.S.	Liver tumour segmentation and classification using MV3CNN-KHO: a combination of multiparameterised inception V3 CNN and Krill Herd optimisation	2025	International Journal of Computational Biology and Drug Design	10.1504/IJCBDD.2025.146185	Scopus
239	Thomas R.P.; Venkatachari K.M.; Ganamoorthi S.; Sivaji R.K.	Unravelling the Nexus: A Comparative Analysis of Diabetes Mellitus and Its Impact on Respiratory Infection Susceptibility and Outcomes	2025	Journal of Communicable Diseases	10.24321/0019.5138.202526	Scopus
240	Kumar M.K.; Rajappa M.C.; Kesavan H.; Venkatasubramaniam N.; Ramasamy S.	Understanding Monkeypox: Insights into Viral Evolution and Public Health Implications	2025	Journal of Communicable Diseases	10.24321/0019.5138.202556	Scopus
241	Nagarajan P.; Prithiviraj R.; Patil S.J.; Krishna S.B.N.; Naidoo V.	Adipose-derived Stem Cells for Treatment of Diabetic Foot Ulcers: A Review	2025	Current Stem Cell Research and Therapy	10.2174/011574888X334166240921120502	Scopus
242	Sivakumar R.; Singh K.; Nishok V.S.; Barshe S.B.; Pokkuluri K.S.; Srihari T.; Hariram V.; Mohapatra M.R.	Urban Air Quality Monitoring System Enhanced by IoT for Comprehensive Deployment, Data Collection, and Environmental Impact Analysis	2025	WSEAS Transactions on Environment and Development	10.37394/232015.2025.21.33	Scopus
243	Sandhya J.; Nithya R.; Sharma S.; Kanta C.; Saravanan A.; Karthikeyani G.; Gopukumar S.T.	Application Of Green Analytical Chemistry In The Quantification Of Anticancer Agents: Eco-Friendly Method Development And Validation	2025	Journal of Applied Bioanalysis	10.53555/jab.v11i4.406	Scopus
244	Murikipudi R.B.; Lakshmiprabha S.; Pravallika P.; Ponnudhali D.; Rangabashyam S.R.; Rangarajan R.	RAGE-429T/C Polymorphism and Diabetic Nephropathy in T2DM	2025	Journal of Applied Bioanalysis	10.53555/jab.v11si1.459	Scopus
245	Manickam N.; Senthil P.; Palaniyappan D.; Vellaisamy S.G.; Gopalan K.	The Multifaceted Manifestations of Type 2 Lepra reaction: A Series of Four Cases	2025	Journal of Communicable Diseases	10.24321/0019.5138.202550	Scopus
246	Jayanthi L.N.; Verma S.K.; Usha R.; Sekar G.; Lakshmi V.T.; Mohankumar N.	Early Detection of Road Traffic Injuries with IoT Sensor Networks and K-Nearest Neighbors Algorithm	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025	10.1109/ICVADV63329.2025.10960893	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
247	Loganathan V.K.T.; Satishkartik S.; Pattabiram S.; Kumar A.S.; Chattopadhyay S.; Karthikeyan V.; Prakash K.; Rangasamy K.; Aruljothi K.N.	RNA cargo in motion: the exosomal connection to head and neck cancers	2025	ExRNA	10.55092/exrna20250003	Scopus
248	Kandhasamy V.; Priyadarshini R.; Bhosale N.K.; Pillai R.R.; Ramalingam M.; Pillai A.K.B.; Govindasamy E.; Easow J.M.	Revealing COVID-19 breakthrough infection rates among vaccinated individuals at a tertiary care centre in South India	2025	Iranian Journal of Microbiology	10.18502/ijm.v17i2.18380	Scopus
249	Vallathan G.; Karthi G.; Venkateshwarlu G.; Sundaramurthy B.	Optimizing Resource Utilization of Big Data in Healthcare for Cardiovascular Disease Prediction	2025	International Conference on Signal Processing and Communication, ICSC	10.1109/ICSC64553.2025.10967972	Scopus
250	Srinivasan G.; Anaikutti P.; Mohan S.; Arukkani M.	Versatile Application of Calixarenes and Their Derivatives: From Drug Delivery to Industrial Catalysis and Environmental Remediation	2025	Critical Reviews in Analytical Chemistry	10.1080/10408347.2025.2538731	Scopus
251	Navaneethakrishnan S.R.; Sasikala P.; Ponnappan V.S.; Amutha R.; Kishore Verma S.; Murugan S.	Deep Learning Techniques for Personalized Oxygen Therapy in Pulmonary Rehabilitation Using Cloud Infrastructure	2025	International Conference on Advanced Computing Technologies, ICoACT 2025	10.1109/ICoACT63339.2025.11005168	Scopus
252	Divya T.; Ananthan V.	The Impact of Ordinary and Partial Differential Equations in Understanding Brain Cancer Progression and Improving Treatments: A Decade-long Study	2025	IAENG International Journal of Applied Mathematics		Scopus
253	Nagarajan P.; Louis L.R.P.	NUTRACEUTICALS IN PROSTATE CANCER THERAPEUTIC STRATEGIES	2025	Nutraceuticals for the Treatment and Prevention of Sexual Disorders		Scopus
254	Hait A.; Gaoudam N.; Kannan S.P.; Choudhary A.K.	Systemic lupus erythematosus and ANCA-associated vasculitis overlap with progressive interstitial lung disease: A narrative review with case illustration	2025	Romanian Journal of Rheumatology	10.37897/RJR.2025.2.5	Scopus
255	Malaiyappan P.; Prasad S.; Arul V.; Babudevaraj K.; Selvaraj J.C.	Innovative Insights and Multidimensional Strategies for Addressing Sexually Transmitted Diseases: A Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.202557	Scopus
256	Manuel S.; Vijayasamundeeswari C.K.; Parhi K.K.; Rangasamy S.	Evaluation of Serum Beta-trace Protein for Identifying Nephropathy in Type 2 Diabetes Mellitus	2025	Biomedical and Biotechnology Research Journal	10.4103/bbrj.bbrj_46_25	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
257	Dharaneesh S.S.; Sridhar J.; Kumar D.; Premnath; Kanth A.; Sudhan S.	Comparison of Vacuum-Assisted Closure (VAC) Therapy and Conventional Dressing on Wound Healing in Diabetic Foot Ulcer: A Randomized Controlled Trial	2025	Journal of Neonatal Surgery	10.52783/jns.v14.2087	Scopus
258	Attar A.A.; Manickam N.; Vellaisamy S.G.; Mogalingam Y.	Tufted angioma masquerading as a granulomatous condition: A rare case report; [Granülomatöz bir hastalığı taklit eden tufted anjiyom: Nadir bir olgu sunumu]	2025	Turkderm Turkish Archives of Dermatology and Venereology	10.4274/turkderm.galenos.2024.39129	Scopus
259	Anoop T.V.; Vengatachalam G.	Vicoa indica: unveiling the therapeutic properties and phytochemical profiling of a lesser-known medicinal plant; [Vicoa indica: otkrivanje terapeutskih svojstava i fitohemijski profil manje poznate lekovite biljke]	2025	Biologica Nyssana	10.46793/BIOLNYSS.16.1.22A	Scopus
260	Babu A.K.; Selvaraju K.; Ayyadurai G.K.; Jayaprakash R.	Synthesis, Characterization, Theoretical and Antimicrobial Studies of Substituted Isoxazoline Derivatives	2025	Asian Journal of Chemistry	10.14233/ajchem.2025.33711	Scopus
261	Shebeena S.; Ragunathan L.; Kannaiyan K.; Sanjeevi T.; Subramanian P.; Sasi A.C.; Rajni J.; Raj J.; Asarudeen M.	Phenotypic, genotypic characterization and antimicrobial resistance profiling of uropathogenic Escherichia coli in a tertiary care hospital, Puducherry, India	2025	Iranian Journal of Microbiology	10.18502/ijm.v17i3.18818	Scopus
262	Sambasivam I.; Gladius Jennifer H.	Mapping the landscape of gynecological cancer – analyzing presenting features by social network analysis	2025	European Journal of Clinical and Experimental Medicine	10.15584/ejcem.2025.1.1	Scopus
263	Thenpandiyan E.; Ramasamy V.; Suresh G.; Senthil S.; Sathishpriya T.	Antibacterial and Anticancer Activities of Naturally Derived Nano Calcium Carbonate for Biomedical Applications	2025	Asian Journal of Chemistry	10.14233/ajchem.2025.33996	Scopus
264	Thi Trang Nhung T.; Verma S.; Ponne S.; Meghwanshi G.K.; Schön T.; Kumar R.	Bacteriophage-based strategies for biocontrol and treatment of infectious diseases	2025	Computational and Structural Biotechnology Journal	10.1016/j.csbj.2025.06.046	Scopus
265	Venkatasubramaniam N.; Rajappa M.C.	A Comprehensive Review on the Application of Marketed Drugs as Ligands through Metallopharmaceutics	2025	Current Topics in Medicinal Chemistry	10.2174/0115680266356941250329172041	Scopus
266	Rajan R.; Sasikala G.	Evaluation of the in vitro efficacy of antimicrobials against Enterobacterales with multiple carbapenemase enzymes	2025	Iranian Journal of Microbiology	10.18502/ijm.v17i3.18821	Scopus

List of VMRF (DU) Publications Made on SDG-3 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
267	Thasma LoganathBabu V.K.; Satishkartik S.; Karthikeyan V.; Chattopadhyay S.; Shriya P.; Ganesh H.N.; Rangasamy K.; Ramalingam S.; Nagarajan A.K.	RNA Binding Proteins are Pivotal Regulators of Cancer Radioresistance and Potential Targets for Preventing Tumor Recurrence	2025	Current Pediatric Reviews	10.2174/0118744710366175250425101010	Scopus
268	Venkatesha R.R.G.; Mohan K.R.; Ganesh V.; Fenn S.M.; Thiruneervannan R.R.R.; Gokulraj S.	The role of cartridge-based nucleic acid amplification test (CBNAAT) in early diagnosis of extra pulmonary tuberculosis- a case report	2025	Journal of Oral Medicine and Oral Surgery	10.1051/mbcb/2025025	Scopus


SDG4

SDG 4 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	22 January 2025	Research capacity-building workshop on Scopus and Web of Science	VMMC&H, Karaikal
2	27–29 January 2025	Faculty Development Programme on Research Proposal Writing	IQAC Cell, School of Allied Health Sciences, Salem
3	28–29 January 2025	BCLS and CCLS hands-on learning experience	Department of Anesthesia, VMKVMCH, Salem.
4	27 January 2025	CME on Medical Surgical Nursing	VMACON, Salem
5	February 2025	Semester-abroad programme at INTI International University	Aarupadai Veedu Institute of Technology (AVIT)
6	February 2025	Community-based medical education at Akkampettai Anganwadi	Department of Community Medicine, VMMC&H, Karaikal
7	5 February 2025	Final-year medical career orientation programme	VMKVMCH, Salem.
8	9 February 2025	IGNITION – Basic Design Workshop	Rotaract Club, AVIT
9	15 February 2025	Seminar on Building Information Modeling in Construction	Department of Civil Engineering, AVIT, Chennai
10	17–25 February 2025	Continuing dental education	Department of Oral and Maxillofacial Pathology and Oral Microbiology, VMSDC, Salem.
11	19 February 2025	Career guidance programme	Vinayaka Mission's Law School,

		at Mangadu	Chennai
12	March 2025	Skill-based online courses through IIT Madras and SWAYAM Plus	Vinayaka Mission's Law School, Chennai
13	1 April 2025	Session on Business Model Canvas	AVIT, Chennai
14	29 May 2025	Central library and advanced learning facilities inaugurated	Vinayaka Missions Medical College, Puducherry
15	29 May 2025	Career guidance programme on medical coding	School of Allied Health Sciences
16	7 June 2025	Industry-designed OBE digital campus launched with HCLTech	HCL Tech Campus in Sholinganallur
17	27th June 2025	Industrial Visit Enhances Practical Skills for MLT Students	Department of Medical Laboratory
18	25th June 2025	Guest lecture on World Sickle Cell Awareness Day and World Blood Donor Day	SAHS, Salem
19	20th June and 18th July 2025	Value-Added Course on Introduction to MS Office – Sessions 2B & 2C	VMSDC
20	July 4, 2025	Memorandum of understanding signed with TNASDCL	AVIT, Chennai
21	July 5, 2025	National workshop titled ISP-Integrate: Regenerate	Department of Periodontology, VMSDC, Salem.
22	2nd July 2025	Alumni lecture series on verbalising emotions through homoeopathy	Department of Obstetrics and Gynaecology, VMHMC, Salem.
23	2nd July 2025	National statistics day workshop 2025	Department of Community Medicine
24	4th July 2025	State level seminar on psychiatry and mental Health	Department of Mental Health Nursing, VMCN, Karaikal.
25	August 21, 2025	MoU with ExcelR Edtech Pvt	Department of AVIT, Chennai.

		Ltd	
26	August 25, 2025	Alumni lecture series 2025	VMHMC, Salem
27	2 August 2025	Department of management, AVIT partners with magic bus india foundation	AVIT, Chennai
28	2 August 2025	Mega job fair	Department of MBA, AVIT, Chennai.
29	4 August 2025	SAHS inks an MoUwith the Indian Association of Respiratory Care	SAHS, Salem
30	1st September 2025	Field visit to the Schieffelin institute of health, Karigiri	School of physiotherapy, Puducherry.
31	September 1, 2025	Guest lecture and workshop on "Appreciating Modern Indian Company Law: Key Foundational Principles"	VMLS, Chennai.
32	2nd September 2025	Hands-on learning in oral & maxillofacial surgery	Department of Oral and Maxillofacial Surgery, VMSDC, Salem.
33	3rd September 2025	Academic Colloquium 2025– Insights into the Future of Computer Science	VMKVEC
34	3rd September 2025	Kona kona shiksha 2025- Financial Education For Young Citizens	Vinayaka Mission's Kirupananda Variyar Engineering College, Salem
35	4th September 2025	Third-year MBBS students' field visit to Karaikal PHC	VMMC&H, Karaikal
36	25-28th September 2025	The WCEME International Conference 2025	AVMCH
37	October 7, 2025	Guest lecture on innovations and evidence-based	Department of Medical-Surgical Nursing, VMACON, Salem.
38	October 8, 2025	Research capacity building workshop on scientific manuscript writing and	Research Coordination Cell, Missions Medical College and hospital, Karaikal.

		journal selection	
39	16 October 2025	Anaesthesia CME Programme	VMKVMCH
40	9 October 2025	Workshop on financial markets	Department of Commerce, VMLS, Chennai.
41	1st November 2025	Surgical workshop on Rhinoplasty	Department of Oral and Maxillofacial Surgery, VMSDC, Salem.
42	November 1, 2025	Educational visit to Central Prison	Vinayaka Mission's Law School
43	November 7, 2025	FDP on Innovation in Nursing Education through Virtual Reality, Augmented Reality and Simulated Labs	Department of Community Health, VMCN, KKL
44	November 26, 2025	Symposium at IIT-Madras	AVIT, Chennai
45	5th November 2025	Workshop on research methodology	VMSDC, Salem.
46	02 December 2025	Guest lecture on "overcoming disruption, transforming the aids Response"	Red Ribbon Club, VMCN, Karaikal.
47	03 December 2025	FDP on LaQshya Programme	Department of Nursing Foundation, VMCN, Puducherry.
48	04 December 2025	A guest lecture on "ESG Regulations and SEBI's Framework for Sustainable Finance Disclosures"	VMLS, Chennai.
49	09 December 2025	Workshop on design thinking, critical thinking and innovative design	VMCN, Puducherry.
50	10 December 2025	II BHMS students' experiential learning visit to the district court, Salem	VMHMC, Salem

DETAILED EVENT REPORTS

1. Research capacity-building workshop on Scopus and Web of Science

Date: 22 January 2025

Organising institution / department: VMMC&H, Karaikal

Event report: A workshop on Scopus and Web of Science was conducted on 22 January 2025 with 170 participants. The session was inaugurated by Dean Dr. C. Gunasekaran and featured experts Ms. Sheena Warrier and Dr. Jaswanth, who provided insights into the functionalities of both databases.



2. Faculty Development Programme on Research Proposal Writing

Date: 27–29 January 2025

Organising institution / department: IQAC Cell, School of Allied Health Sciences, VMRF (DU)

Event report: The IQAC Cell organised a Faculty Development Programme from 27 to 29 January 2025. The sessions focused on research proposal writing and were conducted by resource persons from the School of Allied Health Sciences, VMRF (DU). The programme concluded with the distribution of certificates to participants.



3. BCLS and CCLS hands-on learning experience

Date: 28–29 January 2025

Organising institution / department: Department of Anesthesia, VMKVMCH, Salem.

Event report: The Department of Anaesthesia organised a two-day BCLS and CCLS training programme on 28 and 29 January 2025, with 47 postgraduate students from various departments. The training covered CPR, AED usage, airway management, advanced resuscitation, medication administration and cardiac arrest response, following IRCF guidelines. Participants engaged in hands-on training and clinical simulations.



4. CNE ON MEDICAL SURGICAL NURSING

Date: 27 January 2025

Organising institution / department: VMACON, Salem

Event report: A Continuing Nursing Education session on Medical Surgical Nursing was conducted on January 27, 2025, by Dr. P. Naveena, M.D., Associate Professor of Anesthesia at

VMKV Medical College Hospital, Salem. The session focused on the latest developments in medical-surgical nursing practices, emphasizing patient care, clinical decision-making, and the management of various medical conditions. Faculty and nursing students participated, gaining valuable insights to enhance their clinical expertise and improve patient outcomes.



5. Semester-abroad programme at INTI International University

Date: February 2025

Organising institution / department: Aarupadai Veedu Institute of Technology (AVIT)

Event report: Six AVIT students from engineering, biotechnology and management programmes were selected for a semester-abroad experience at INTI International University, Malaysia.



6. Community-based medical education at Akkampettai Anganwadi

Date: February 2025

Organising institution / department: Department of Community Medicine, VMMC&H, Karaikal

Event report: Second-year MBBS students participated in community-based medical education at Akkampettai Anganwadi (Integrated Child Development Services). The activity was

supervised by Dr. S. Nancy, Dr. S. Sindhuja and Mr. Robert from the Department of Community Medicine, VMMC&H, Karaikal.



7. Final-year medical career orientation programme

Date: 5 February 2025

Organising institution / department: VMKVMCH, Salem.

Event report: An orientation programme for the final-year MBBS (2021–22 CBME Batch) was held on 5 February 2025. Heads of Departments provided students with an overview of the final-year subjects, offering guidance and essential tips to help them prepare for this phase of their medical education.



8. IGNITION – Basic Design Workshop

Date: 9 February 2025

Organising institution / department: Rotaract Club of AVIT, in collaboration with Rotaract Clubs of New College and Loyola College

Event report: The Rotaract Club of AVIT, in collaboration with the Rotaract Clubs of New College and Loyola College, organised IGNITION – Basic Design Workshop on 9 February 2025. Industry expert Mr. Sriram Barani, Founder of Bogan Mediasoft, Coimbatore, led sessions that provided participants with hands-on experience in design and creative strategies.



9. Seminar on Building Information Modeling in Construction

Date: 15 February 2025

Organising institution / department: Department of Civil Engineering, AVIT, Chennai.

Event report: The Alumni Cell and the Department of Civil Engineering organised a seminar on Building Information Modeling in Construction on 15 February 2025. Industry expert Mr. Nagendran P. led the session, providing insights into the role of BIM in modern construction practices, its advantages in project management and its impact on efficiency and sustainability.



10. Continuing Dental Education

Date: 17–25 February 2025

Organising institution / department: Department of Oral and Maxillofacial Pathology and Oral Microbiology, VMSDC, Salem.

Event report: A continuing dental education programme on "Oral Pathology in Clinical Practice and its Future Prospects" was conducted on 25 February 2025. The programme featured Dr. Raghu Dhanapal, Professor at RVS Dental College, Coimbatore; 24 faculty members and 130 students participated.



11. Career guidance programme at Mangadu

Date: 19 February 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai.

Event report: Vinayaka Mission's Law School conducted a career guidance programme at Sri Muthukumaran Arts and Science College, Mangadu, on 19 February 2025, engaging 400 students. The session explored career opportunities in law, including medical law, forensic law, cyber law, business law, taxation, human rights law and AI law. Information on academic infrastructure, scholarships and admissions was also provided.



12. Skill-based online courses through IIT Madras and SWAYAM Plus

Date: March 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai in collaboration with IIT Madras

Event report: Vinayaka Mission's Law School signed an MoU with IIT Madras to offer skill-based online courses to students through SWAYAM Plus. The courses, provided with industry partners, aim to enhance students' employability and technical expertise.



13. Session on Business Model Canvas

Date: April–July 2025

Organising institution / department: AVIT, Chennai

Event report: On 1st April 2025, the Institution's Innovation Council (IIC) organized an engaging session on Business Model Canvas (BMC). The session was conducted by Ms. Sujaya Rao, Co-founder of TEENR, Entrepreneurship Educator, and font siizing, change who provided as providing into startup planning and innovation strategies.



14. Central library and advanced learning facilities inaugurated at Vinayaka missions Medical College, Puducherry

Date: 29 May 2025

Event report: The new three-storeyed Central Library was inaugurated on 29 May 2025. The facility includes a 3D Anatomage Table, a skill laboratory with advanced mannequins and anatomical specimens, and 40 high-performance computers, strengthening learning and research infrastructure.



15. Career guidance programme on medical coding

Date: 29 May 2025

Organising institution / department: School of Allied Health Sciences

Event report: The Placement Cell of the School of Allied Health Sciences, Salem, hosted a career-guidance programme with D'Vine Healthcare, Chennai, on 29 May 2025. The session addressed medical coding and career opportunities and was presented by representatives of the industry partner.



16. Industry-designed OBE digital campus launched with HCLTech

Date: 7 June 2025

Event report: VMRF (DU) and HCLTech Career Shaper launched an industry-designed Outcome-Based Education Digital Campus on 7 June 2025 at the HCLTech Campus, Sholinganallur. The collaboration brought together university and industry leaders and focused on digital empowerment, academic transformation and employability.



17. Industrial Visit Enhances Practical Skills for MLT Students

Date: 27th June 2025

Organising institution / department: Department of Medical Laboratory

Event report: The Department of Medical Laboratory Technology facilitated an Industrial Visit on 27th June 2025, offering students a firsthand understanding of modern laboratory environments, diagnostic protocols, and industry best practices-enhancing their practical skills and bridging the gap between academic learning and professional application.



18. Guest lecture on World Sickle Cell Awareness Day and World Blood Donor Day

Date: 25th June 2025

Organising institution / department: SAHS, Salem **.**

Event report: In observance of World Sickle Cell Awareness Day and World Blood Donor Day, a guest lecture was organized by the Red Ribbon Club Unit on 25th June 2025 at the Dr. ASG Auditorium. The event aimed to raise public awareness about Sickle Cell Disease (SCD), highlight the importance of regular blood donation, and acknowledge the life-saving contributions of voluntary blood donors. Prof. Dr. B. Sendilkumar, Director, SAHS, VMRF (DU), delivered the welcome address.



19. Value-Added Course on Introduction to MS Office –Sessions 2B & 2C

Date: 20th June and 18th July 2025

Organising institution / department: VMSDC, Salem

Event report: As part of the ongoing Value-Added Course on "Introduction to MS Office," Sessions 2B and 2C were successfully conducted on 20th June and 18th July 2025, respectively. These sessions focused on building practical skills in MS Excel and MS PowerPoint, with hands-on training in spreadsheet management and presentation creation. With the active support of the Department of Computer Science and Engineering, the sessions provided students with real-timeapplications of these essential tools.



20. Memorandum of understanding signed with TNASDCL

Date: July 4, 2025

Organising institution / department: Department of Management

Event report: The Department of Management, Aarupadai Veedu Institute of Technology, VMCC is pleased to announce the signing of a Memorandum of Understanding (MoU) with the Tamil Nadu Apex Skill Development Centre for Logistics (TNASDCL) on July 4, 2025. The MoU was signed in the presence of distinguished representatives from both institutions. Mr. Bana Bihari Nayak, Managing Director of TNASDCL, led the delegation representing the Tamil Nadu Apex Skill Development Centre for Logistics.



21. National workshop titled ISP-Integrate: Regenerate

Date: July 5, 2025

Organising institution / department: Department of Periodontology, VMSDC, Salem.

Event report: the Department of Periodontology, Vinayaka Mission's Sankarachariyar Dental College—a constituent college of Vinayaka Mission's Research Foundation (Deemed to be University)—successfully organized a one-day National Workshop titled ISP-INTEGRATE: REGENERATE 2025 on July 5, 2025. The event began with a welcome note by Prof. Dr. R. Saranyan, Organising Chairman, setting the tone for an…



22. Alumni lecture series on verbalising emotions through homoeopathy

Date: 2nd July 2025

Organising institution / department: Department of Obstetrics and Gynaecology, VMHMC, Salem.

Event report: Dr. Hahnemann Homoeopathy Medical College and Research Centre, Rasipuram, delivered a thought-provoking lecture titled "Verbalising Emotions Through Homoeopathy." The session was held virtually on Wednesday, 2nd July 2025, via Zoom and witnessed active engagement from Final BHMS (Senior and Junior) students, offering them valuable clinical insights and emotional understanding through the lens of homoeopathy.



23. National statistics day workshop 2025

Date: 2nd July 2025

Organising institution / department: Department of Community Medicine, SAHS , Salem.

Event report: The event was presided over by Prof. Dr. B. Sendilkumar, Director, SAHS, delivering the welcome address. Dr. Ramji, Statistician from the Department of Community Medicine, Velammal Medical College & Hospital, Research Institute, Madurai, served as the resource person. He conducted an insightful session on "Data Visualizations and Analysis using SPSS", equipping participants with practical sessions.



24. State level seminar on psychiatry and mental Health

Date: 4th July 2025

Organising institution / department: Department of Mental Health Nursing, VMCN, Karaikal.

Event report: The Department of Mental Health Nursing organized a State Level Seminar on Psychiatry and Mental Health Care Practice on 30th June 2025. The event began with a welcome note by Prof. Dr. P. Mekala, Vice Principal.



25. MoU with ExcelR Edtech Pvt Ltd.

Date: August 21, 2025

Organising institution / department: Department of AVIT signed an MoU with ExcelR Edtech Pvt Ltd.

Event report: MBA Department of AVIT signed an MoU with ExcelR Edtech Pvt. Ltd. 2025, at VMCC. The MoU focuses on student development programs, value-added courses, placement training, career guidance, and faculty development.



26. Alumni lecture series 2025 on continuum of unified Theory of Disease

Date: August 25, 2025

Event report: on August 25, 2025 and was led by Dr. Menaka (BHMS, MD Hom), founder of Dr. Menaka's Homoeo Clinic, Coimbatore. Delivering an insightful lecture on the topic "Continuum of Unified Theory of Disease", Dr. Menaka inspired and motivated the interns with her knowledge and experience. The programme saw enthusiastic participation from the Medical Superintendent, Medical Officers, final-year students, and CRRIs from the 39th and 40th batches.



27. Department of management, AVIT partners with Magic Bus India foundation

Date: 2 August 2025

Organising institution / department: Department of AVIT

Event report: a Memorandum of Understanding (MoU) between the Department of Management (DoM), AVIT, and Magic Bus India Foundation on 2 August 2025 at VMCC. This partnership aims to bridge the gap between academic learning and real- world employability skills. Through this MoU, Magic Bus will deliver Career Readiness Programs, Change Maker Sessions, Job-Oriented Placement Training, Mentorship, and Job Placement Support for students across all streams. The MoU was signed by Prof.



28. Mega job fair

Date: 2 August 2025

Organising institution / department: Department of MBA, AVIT, Chennai.

Event report: On 2 August 2025, the MBA Department, AVIT, in collaboration with the Magic Bus India Foundation, organised a job fair at VMCC. HR representatives from more than 25 companies participated, offering on-the-spot interviews and immediate offer letters to students. Graduates from Arts and Science, Engineering and Allied Health Sciences colleges within the campus and neighbouring institutions in Chennai and Puducherry attended.



29. SAHS inks an mou with the Indian Association of Respiratory Care

Date: 4 August 2025

Organising institution / department: School of Allied Health Sciences, Salem.

Event report: a Memorandum of Understanding (MoU) with the Indian Association of Respiratory Care on 4 August 2025. Prof. Dr. B. Sendilkumar, Dean & Director, AHS, shared that the Indian Association of Respiratory Care is a registered non-profit and the national professional body dedicated to advancing respiratory care professionals and related education across India. Through this MoU, the institutions will work together to enhance the capabilities of Respiratory Care Technology students by engaging them in a range of academic, professional development activities and Clinical training.



30. Field visit to the schieffelin institute of health, Karigiri

Date: 1st September 2025

Organising institution / department School of physiotherapy, Puducherry.

Event report: On 1st September 2025, the Physiotherapy Department organized a field visit to the Schieffelin Institute of Health – Research & Leprosy Centre, Karigiri. The visit aimed to enhance students' clinical knowledge and awareness of research methodologies in leprosy care

and rehabilitation practices. During the program, students observed specialized treatment techniques, rehabilitation interventions, and community-based healthcare initiatives, gaining valuable insights into the management of leprosy and related disabilities.



31. Guest lecture and workshop on "Appreciating Modern Indian Company Law: Key Foundational Principles"

Date: September 1, 2025

Event report: On September 1, 2025, VMLS hosted a Guest Lecture and Workshop with Mr. Siddharth Raja, Senior Partner at Vertices Partners, on "Appreciating Modern Indian Company Law: Key Foundational Principles" at Seminar Hall 2 (11:00 AM – 3:30 PM). Attended by LLB, BA LLB, B. Com LLB, and BBA LLB students, the session offered insights into contemporary corporate law, blending theory with practical examples from Mr. Raja's experience.

32. Hands-on learning in oral & maxillofacial surgery

Date: 2nd September 2025

Organising institution / department: Department of Oral and Maxillofacial Surgery, VMSDC, Salem.

Event report: The Department of Oral and Maxillofacial Surgery hosted a case discussion and live surgical workshop on 2nd September 2025. The resource person for the event was Dr. Dipesh Rao, Consultant Maxillofacial Surgeon from Bhagwan Mahaveer Jain Hospital, Bengaluru. During the workshop, palatoplasty was performed on two patients with cleft palate. In another case, postero-superior impaction of the premaxilla and closure of an oronasal fistula…



33. Academic Colloquium 2025– Insights into the Future of Computer Science

Date: 3rd September 2025

Event report: On 3rd September 2025, the School of CSE organized a Colloquium Symposium featuring Prof. Dr. A. Rajan Samuel, Director (Academics), VMRF-DU, who delivered an insightful lecture on emerging trends, innovations, and research in computer science, inspiring both students and faculty.



34. Kona kona shiksha 2025-Financial Education For Young Citizens

Date: 5th-6th September 2025

Organising institution / department: Vinayaka Mission's Kirupananda Variyar Engineering College, Salem

Event report: On 5th–6th September 2025, the MBA Department conducted a two-day program,"Financial Education for Young Citizens – Kona Kona Shiksha," led by Dr. M. S. Sureshkumar (SEBI SMARTs, Nandha College). The sessions focused on financial literacy, personal money management, investment planning, and responsible decision-making, equipping students to contribute to the nation's economic well-being.



35. Third-year MBBS students' field visit to Karaikal PHC

Date: 4th September 2025

Event report: As part of the academic curriculum, third-year MBBS students undertook a field visit to Primary Healthcare Facilities in Karaikal during September 2025. The visit was facilitated by Dr. R. Niranjjan, Associate Professor, along with Dr. K. Sowmiya and Dr. K. Yuvanraman.



36. The WCEME International Conference 2025
Date: 25-28th September, 2025
Organising institution / department: AVMC
Event report: The WCEME International Conference 2025, organized in association with the Academy of Emergency Medicine Educators (AEME), was held at Aarupadai Veedu Medical College and Hospital (AVMC&H), Puducherry, from September 25–28, 2025. The four-day academic conclave began with a two-day pre-conference (September 25–26) featuring a series of high- impact, hands-on workshops led by distinguished international and national faculty. This was followed by the main conference (September 27–28), which comprised scientific sessions, keynote lectures, panel discussions, and symposia focusing on cutting-edge advancements in emergency medicine.

The event was graced by the Hon'ble Chief Minister of Puducherry, Shri N. Rangaswamy, who formally inaugurated the conference by striking the Gong, symbolising the official commencement of WCEME 2025, and delivered an inspiring Inaugural Address. The Hon'ble Vice President of VMRF-DU, Dr. Anuradha Ganesan, released the Conference Souvenir and delivered a thought-provoking address, commending the organisers and underscoring the significance of global academic partnerships.



37. Guest lecture on innovations and evidence-based Practices
Date: October 7, 2025
Organising institution / department: Department of Medical-Surgical Nursing, VMACON, Salem.

Event report: Dr. Dhivya, Ph.D (N), Professor, St. Bonnie White College of Nursing, delivered an insightful session highlighting emerging innovations, evidence-based practices, and the importance of lifelong learning and professional development in the field of Medical-Surgical Nursing.



38. Research capacity building workshop on scientific manuscript writing and journal selection

Date: October 8, 2025

Organising institution / department: Research Coordination Cell, Vinayaka Missions Medical College and hospital, Karaikal.

Event report: The workshop, inaugurated by Prof. Dr. K. Cheran, Dean, aimed to strengthen faculty skills in scientific writing, journal selection, and identifying predatory publishing.



39. Anaesthesia CME Programme

Date: 16 October, 2025

Organising institution / department: VMKVMCH, Salem.

Event report: Department of Anaesthesia conducted a Continuing Medical Education (CME) session on 16th October 2025. The session featured an expert lecture by Dr. Varun Ramamurthy, who delivered an insightful presentation on recent innovations and best practices in anaesthetic management. He discussed emerging technologies, evolving clinical protocols, and strategies to enhance patient safety and perioperative care. The CME served as a valuable learning platform for both faculty and students, enriching their understanding of the dynamic advancements in anaesthesiology and reinforcing the importance of continuous professional development.



40. Workshop on Investment Strategies and Financial Awareness

Date: October 9, 2025

Organising institution / department: Department of Commerce, VMLS, Chennai.

Event report: The session was highly insightful and interactive, providing Commerce students with valuable knowledge of practical investment strategies. It encouraged participants to gain confidence in exploring the dynamics of financial markets and applying their learning to real-world scenarios.

41. Surgical workshop on rhinoplasty

Date: 1st November 2025

Organising institution / department: Department of Oral and Maxillofacial Surgery, VMSDC, Salem.

Event report: The workshop featured Dr. Nasir A. Naseer, an internationally renowned consultant, as the resource person. A total of 11 clinical cases were discussed, and 4 surgical procedures were successfully performed during the session, offering participants valuable hands-on learning and expert insights into advanced rhinoplasty techniques.



42. Educational Visit to Central Prison

Date: November 1, 2025

Event report: VMLS facilitated its first educational visit to the Central Prison, Kalapet, Puducherry, for second-year LL.B. students. The visit, led by Dr. Fowmina C, Prof. Saravanan, Prof. Mike, and coordinated with Mr. V. Baskaran, Superintendent, offered students a firsthand understanding of correctional administration.



43. FDP on Innovation in Nursing Education through Virtual Reality, Augmented Reality and Simulated Labs

Date: November 7, 2025

Organising institution / department: Department of Community Health, VMCN, KKL.

Event report: The session commenced with an introduction to the theme and the esteemed resource person by Prof. Dr. K. Kamala, Principal, VMCON. The guest speaker, Dr. K. Krishna Kumari, delivered an enlightening presentation highlighting the fundamentals of Virtual Reality (VR) and Augmented Reality (AR), along with their transformative potential in nursing education.



44. Symposium at IIT Madras

Date: November 26, 2025

Place: AVIT, Chennai

Event report:. The event brought together global experts to discuss scalable XR innovations tailored for the Global South. Keynotes from Qualcomm, Meta, Ericsson, Samsung R&D, Accenture, and Dolby showcased advancements in spatial computing, XR for 6G, and immersive applications. Professor of Practice Mr. Kishore Kuppuswamy, completed the AWS Certified Solutions Architect – Associate certification on November 26, 2025.



45. Workshop on research methodology

Date: 5th November 2025

Organising institution / department: VMSDC, Salem.

Event report: A three-day Research Methodology Workshop event was coordinated by Prof. Dr. Reena Rachel John (Organizing Secretary), along with Dr. Pavithran A., Dr. Prarthana, Dr. Obukavitha, and Dr. Tamilselvan. Dean, Prof. Dr. J. Baby John, presided over the inaugural session. Renowned experts Prof. Dr. Umesh Wadgave (Chief Dentist, Wadgave's Dental Home, Karnataka) and Prof. Shyam Sivasamy (Meenakshi Ammal Dental College) served as resource persons.



46. Guest lecture on "overcoming disruption, transforming the AIDS Response"

Date: 02 December 2025

Organising institution / department: Red Ribbon Club, VMCON, Karaikal.

Event report: The programme aimed to enhance awareness on HIV/AIDS and Sexually Transmitted Diseases (STDs) among students and faculty members. The session commenced with an address by Prof. Dr. K. Kamala, M.Sc. (N), Ph.D., who welcomed the gathering and introduced the resource person. The guest lecture was delivered by Dr. R. Thenambigai, MD (Community Medicine), CMO (NFSG), District Programme Officer, and Deputy Director of Immunization, Karaikal.



47. FDP on LaQshya Programme

Date: 03 December 2025

Organising institution / department: Department of Nursing Foundation, VMCN, Puducherry.

Event report: The Department of Obstetrics and Gynaecological Nursing, VMCON, Puducherry, conducted a Faculty Development Programme on the LaQshya Programme on 03

December 2025, featuring expert sessions on quality maternal and newborn care, labour room and maternity standards, intrapartum and postnatal care, and quality improvement strategies, delivered by Dr. Edna Sweenie J, Mrs. Sasikala, Prof. Annie Annal M, Dr. A. Rajarajeswari, and Mrs. Meena P.



48. A guest lecture on "ESG Regulations and SEBI's Framework for Sustainable Finance Disclosures"

Date: 04 December 2025

Organising institution / department: VMLS, Chennai.

Event report: The session was delivered by Mr. Shrey Kapoor, Assistant Professor of Law, IILM University, Gurugram. The lecture provided a comprehensive overview of the evolution of ESG governance, with specific emphasis on SEBI's Business Responsibility and Sustainability Reporting (BRSR) framework.



49. Workshop on design thinking, critical thinking and innovative design

Date: 09 December 2025

Organising institution / department: VMCN, Puducherry.

Event report: The session was led by Dr. C. Arunkumar Madhuvappan, Professor, Department of Biomedical Engineering, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem, and focused on fostering creativity, problem- solving skills, and innovation among students.

50. II BHMS students' experiential learning visit to the district court, salem

Date: 10 December 2025

Place: VMHMC, Salem.

Event report: As part of the Competency-Based Dynamic Curriculum (CBDC) prescribed by the National Commission for Homoeopathy (NCH), students undertook an academic visit to the District to observe and understand live court proceedings. The visit provided students with valuable exposure to judicial processes, medico-legal procedures, and the overall functioning of the court system. Through direct observation, students gained deeper insights into medico- legal responsibilities, which are integral to safe, ethical, and effective clinical practice.



***

List of VMRF (DU) Publications Made on SDG-4 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Subaveerapandiyan A.; Ahmad N.; Shimray S.R.; Kalbande D.	Assessing the Impact of Diamond Open Access on Research Engagement	2025	Serials Review	10.1080/00987913.2025.2581432	Scopus
2	Shimray S.R.; Subaveerapandiyan A.	Artificial Intelligence in Academic Writing and Research: Adoption and Effectiveness	2025	Open Information Science	10.1515/opis-2025-0026	Scopus
3	Subaveerapandiyan A.; Kalbande D.; Ahmad N.	Managing retracted articles: Awareness and responsibilities of library professionals	2025	Journal of Information Science	10.1177/01655515251389164	Scopus
4	Misra D.; Chandge R.R.; T. P. Saravanan T.P.S.; J. Rajini J.R.; A. Arulmozhi A.A.; Rani P.; M. Kumari M.K.	Microlearning and Nano-Learning in Transforming Pedagogy in the Digital Education Era	2025	New Media Applications in Digital Education	10.4018/979-8-3373-5157-5.ch008	Scopus
5	Gupta A.; Gawande U.; Chandwaskar R.; Yatoo N.A.; Srivastava R.; Alone P.A.	MANAGEMENT OF PRINTING CURRICULUM IN AI ERA	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6888	Scopus
6	Dsouza M.J.; Divyabharathy R.; Daniel A.J.	Benefits and Limitations of Flipped Classroom	2025	Indian Journal of Community Medicine	10.4103/ijcm.ijcm_535_23	Scopus
7	Vijayan D.S.; Parthiban D.; Sankaran N.; Sangma S.C.H.; Sivasuriyan A.	Deep learning on binary classification to identify concrete strength through cube, cylinder, and beam parameters	2025	AIP Conference Proceedings	10.1063/5.0275760	Scopus
8	Shimray S.R.; Subaveerapandiyan A.	AI and workforce dynamics: a bibliometric analysis of job creation, displacement and reskilling	2025	Global Knowledge, Memory and Communication	10.1108/GKMC-12-2024-0824	Scopus
9	Sharma P.; Jatiya L.; Khandual A.; Priya G.P.; Dhanraj N.; Gopal N.S.; Sharma V.K.	Investigating Conceptual Difficulties in High School Chemistry Through Interactive Pedagogy	2025	Genetics and Molecular Research	10.4238/c9y00561	Scopus
10	Badlani B.; Mane P.; Chandani P.; Karthik K.; Tarai T.; Pasupathy V.; Bayas V.S.	AI-POWERED CREATIVE ADVERTISING IN EDUCATION	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6877	Scopus
11	Jadhav K.D.; Poonguzhali S.; Rashmi P.; Sahoo T.; Ramesh Y.; Mittal S.; Prakash O.; Kulkarni A.	AUGMENTED REALITY IN MEDIA-BASED LEARNING ENVIRONMENTS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i4s.2025.6870	Scopus
12	Kumar V.; Balakrishnan S.; Kaur G.; Singh J.; Srivastav A.; Wawage P.	USING AI TO PERSONALIZE CREATIVE LEARNING PATHS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6905	Scopus
13	Poduval J.D.; Sakthignanavel A.	Measuring Educational Outcomes in Undergraduate Otolaryngology Programs in Two Diverse Way of Teaching-A Prospective Study	2025	Indian Journal of Otolaryngology and Head and Neck Surgery	10.1007/s12070-025-05607-0	Scopus

List of VMRF (DU) Publications Made on SDG-4 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
14	Jebasingh D.R.; Ahmad N.; Shimray S.R.; Subaveerapandiyan A.	Perceived Impact of Procrastination on Academic Performance Among Students and the Role of AI Tools	2025	Libri	10.1515/libri-2025-0093	Scopus
15	Misra D.; Sharma A.; Kumar B.R.; Ibrahim S.K.M.; Kshirsagar K.P.; Boopathi S.	Training for enhancing job opportunities and career empowerment in emerging markets	2025	Applications of Career Transitions and Entrepreneurship	10.4018/979-8-3693-4163-6.ch014	Scopus
16	Jain S.; Dutta S.; Alvi M.F.M.; Abbasi A.; Arul V.; Harish S.S.	Implementation of IoT-Enabled Smart Devices for Real-Time Health Monitoring in Nursing Practice	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025	10.1109/ICFTS62006.2025.11031786	Scopus
17	Mitra B.; Singh A.; Sharma P.; Khalique F.; Yatoo N.A.; Das S.R.; Chavan G.	MANAGEMENT MODELS FOR DIGITAL ART ACADEMIES	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i4s.2025.6872	Scopus
18	Setia N.; Shantha S.K.; Bawa R.K.; Sushmitha S.S.; Patel P.; Korwar G.	AI FOR MANAGING DIGITAL LEARNING PORTFOLIOS IN ART	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6906	Scopus
19	Alex A.; Srishti P.; Thilagavathi P.; Nayak P.P.; Sharma S.; Keote M.	GAMIFIED LEARNING OF VISUAL CONCEPTS USING AI	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i1s.2025.6652	Scopus
20	ASPVS S.; Vetrivel V.N.; Priyadarshini T.; Subramanyam K.; Hashiguchi N.; Balaji S.	Striking the balance: A deep dive into wellness and work-life harmony in orthopaedic education – A comprehensive review	2025	Journal of Clinical Orthopaedics and Trauma	10.1016/j.jcot.2025.103184	Scopus
21	Priya S.B.; Sangeetha K.; Velayutham P.; Vs B.; Shrinithi S.	Integrating Behavioral Analytics and AI for Enhanced Academic Performance Prediction Using Graph Convolution Networks and Deep Learning Techniques	2025	International Conference on Advanced Computing Technologies, ICoACT 2025	10.1109/ICoACT63339.2025.11005348	Scopus
22	Singh P.; Makhija H.; Joshi C.; Balakrishnan S.; Singh H.; Anerao P.	MANAGEMENT OF ONLINE ART EDUCATION PLATFORMS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6881	Scopus
23	A S.; Alam A.F.; Yadav U.; Taj A.; Verma M.K.	Fostering AI literacy for future librarians	2025	College and Undergraduate Libraries	10.1080/10691316.2024.2425092	Scopus
24	Latkar Y.S.; Arali V.; John J.B.; Eswara K.; Mathew B.M.; Rajan R.E.	Assessment of Ideal Tool for Oral Health Promotion among 8–10-year-old Children Belonging to Tribal and Rural Areas of Salem District	2025	Journal of South Asian Association of Pediatric Dentistry	10.5005/jp-journals-10077-3394	Scopus
25	S G.S.M.; Padmanabhan A.	Exploring the impact of bilingual education on student outcomes: A qualitative student-centric approach	2025	Science Talks	10.1016/j.sctalk.2025.100476	Scopus


SDG5

SDG 5 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	31st July 2025	Silver Jubilee Highlight: OBG Nursing Department Conducts Talk on Adolescent Wellness	Department of Obstetrics and Gynecological Nursing
2	12 August 2025	Awareness Programme on Anti-Drug, Anti-Ragging and Prevention of Sexual Harassment	School of Allied Health Sciences
3	26th August 2025	Women'S Equality Day Event by Gender Sensitization Cell	Gender Sensitization Cell, SAHS, Salem
4		Women'S Safety and Rights Awareness Session	
5	12th September 2025	First Place for the Women'S Team at VINSPORT 2025	Vinayaka Mission's Medical College and Hospital
6	8th October 2025	Chengalpattu District Women'S Volleyball Tournament	Department of Sports, VMCC
7	10 October 2025	State-Level Intercollegiate Women'S Throwball Tournament 2025	Rotary Club of Pondicherry Marina, in collaboration with Pondicherry University
8	13th October 2025	OBG Nursing Department Celebrates International Girl Child Day	OBG Nursing Department
9	14th October 2025	International Day of the Girl Child Celebrations	Gender Sensitization Cell
10	October 15, 2025	Guest Lecture on "the Girl I Am, the Change I Lead"	SAHS, Puducherry
11	16th October 2025	Essay Competition on Girl Empowerment	Department of Child Health Nursing. VMCN, PDY
12	16th October 2025	Skill Development Programme on Fostering Women'S	Aarupadai Veedu Institute of Technology, in collaboration

		Entrepreneurship	with ISR-UBA
13	25th October 2025	Legal Literacy and Access to Justice Camp for Transgender Citizens	VMLS, Chennai
14	27th October 2025	District Level Talent Fest 2025 – Women Empowerment	Gender Sensitisation Cell and Department of School Education, Chengalpattu District
15	24 November 2025	Awareness Rally on Prevention of Child Abuse and Violence Against Women	Department of Forensic Science Technology, Gender Sensitization Cell and NSS Unit
16	25 November 2025	World Day for the Prevention of Child Abuse	Women Empowerment Cell
17	05 December 2025	Awareness Talk on Elimination of Discrimination Against Women	Internal Complaints Committee, Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals
18	09 December 2025	16 Days of Activism for Ending Gender-Based Violence	NSS Unit and Women Empowerment Cell, School of Arts and Science
19	20 December 2025	Webinar on Human Rights and Modern Slavery in Contemporary India	Vinayaka Missions School of Health Systems
20	22 December 2025	International Men'S Day Celebration 2025	Gender Sensitization Cell

DETAILED EVENT REPORTS

1. Silver Jubilee Highlight: OBG Nursing Department Conducts Talk on Adolescent Wellness

Date: 31st July 2025

Organising institution / department: Department of Obstetrics and Gynecological Nursing

Place: VMCON, Puducherry

Event report: The Department of Obstetrics and Gynecological Nursing organised an Adolescent Health Talk as part of the 25th Silver Jubilee Celebrations. The session covered puberty, physiological changes, emotional development and reproductive health.



2. Awareness Programme on Anti-Drug, Anti-Ragging and Prevention of Sexual Harassment

Date: 12 August 2025

Organising institution / department: School of Allied Health Sciences

Event report: The Anti-Drug Club, Anti-Ragging Committee and ICC Cell of the School of Allied Health Sciences organised an awareness programme on anti-drug measures, anti-ragging and prevention of sexual harassment



3. Women'S Equality Day Event by Gender Sensitization Cell

Date: 26th August 2025

Organising institution / department: Gender Sensitization Cell

Place: Dr. ASG Auditorium,

Event report: The Gender Sensitization Cell observed Women's Equality Day on 26 August 2025 at Dr. ASG Auditorium. The programme included a special talk on gender equality and laws for women, along with speech and debate competitions.



4. Women'S Safety and Rights Awareness Session

Event report: The School of Allied Health Sciences, VMCC, organised a Women's Safety and Rights awareness session as part of Deeksharambh 2025–2026.



5. First Place for the Women'S Team at VINSPORT 2025

Date: 12th September 2025

Organising institution / department: Vinayaka Mission's Medical College and Hospital

Place: VMMC Hostel Indoor Court and Beach Volleyball (Men) at Karaikal

Event report: The Women's Team of VMMC&H secured first place in the badminton competition at VINSPORT 2025.



6. Chengalpattu District Women'S Volleyball Tournament

Date: 8th October 2025

Organising institution / department: Department of Sports, VMCC

Event report: The Department of Sports, VMCC, hosted the Chengalpattu District Women's Volleyball Tournament on 8 October 2025. Approximately 250 women students and 20 physical directors and coaches from various schools participated.



7. State-Level Intercollegiate Women'S Throwball Tournament 2025

Date: 10 October 2025

Organising institution / department: Rotary Club of Pondicherry Marina, in collaboration with Pondicherry University

Event report: A team of VMRF (DU) students participated in the State-Level Intercollegiate Women's Throwball Tournament 2025 on 10 October 2025 and emerged as tournament winners.



8. OBG Nursing Department Celebrates International Girl Child Day

Date: 13th October 2025

Organising institution / department: OBG Nursing Department

Event report: The OBG Nursing Department commemorated International Girl Child Day on 13 October 2025, highlighting gender equality, education and the empowerment of young girls.



9. International Day of the Girl Child Celebrations

Date: 14th October 2025

Organising institution / department: Gender Sensitization Cell

Place: Dr. ASG Auditorium, SAHS, Salem

Event report: The Gender Sensitization Cell commemorated the International Day of the Girl Child on 14 October 2025 at the Dr. ASG Auditorium. The programme included an invocation, lamp-lighting ceremony and addresses by institutional representatives.



10. Guest Lecture on "the Girl I Am, the Change I Lead"

Date: October 15, 2025

Place: SAHS Auditorium

Event report: The Institution's Innovation Council of the School of Allied Health Sciences organised a guest lecture titled "The Girl I Am, The Change I Lead" on 15 October 2025. Mrs. Amala Devi, founder of Deshna Foundation, spoke about girls' education, empowerment and leadership.



11. Essay Competition on Girl Empowerment

Date: 16th October 2025

Organising institution / department: Department of Child Health Nursing

Place: Mother Theresa Higher Secondary School

Event report: The Department of Child Health Nursing conducted an Essay Competition on Girl Empowerment on 16 October 2025 at Mother Theresa Higher Secondary School, Murungapakkam. The competition encouraged students to reflect on gender equality, education and empowerment.



12. Skill Development Programme on Fostering Women'S Entrepreneurship

Date: 16th October 2025

Organising institution / department: Aarupadai Veedu Institute of Technology, in collaboration with ISR-UBA

Event report: Aarupadai Veedu Institute of Technology, in collaboration with ISR-UBA, conducted a One-Day Skill Development Programme on "Fostering Women's Entrepreneurship through Skills Training" on 16 October 2025 at the adopted village of Arunkundram. Fifteen women participated in hands-on training in candle making and paper gift-bag production.



13. Legal Literacy and Access to Justice Camp for Transgender Citizens

Date: 25th October 2025

Event report: Vinayaka Mission's Law School organised a Legal Literacy and Access to Justice Camp for Transgender Citizens on 25 October 2025 at the Paiyanoor campus. Around 60 participants attended sessions on legal rights, legal aid mechanisms and social welfare.



14. District Level Talent Fest 2025 – Women Empowerment

Date: 27th October 2025

Organising institution / department: Gender Sensitisation Cell and Department of School Education, Chengalpattu District

Event report: The Gender Sensitisation Cell and the Department of School Education, Chengalpattu District, jointly hosted the District Level Talent Fest 2025 on 27 October 2025 to commemorate the International Day of the Girl Child under the theme "Women Empowerment."



15. Awareness Rally on Prevention of Child Abuse and Violence Against Women

Date: 24 November 2025

Organising institution / department: Department of Forensic Science Technology, Gender Sensitization Cell and NSS Unit

Event report: The Department of Forensic Science Technology, Gender Sensitization Cell and NSS Unit organised an awareness rally on 24 November 2025 to promote child protection and prevent violence against women. Students presented a mime performance and distributed legal-awareness pamphlets.



16. World Day for the Prevention of Child Abuse

Date: 25 November 2025

Organising institution / department: Women Empowerment Cell

Place: SAHS Auditorium

Event report: The Women Empowerment Cell organised an Awareness and Empowerment Workshop on the World Day for the Prevention of Child Abuse on 25 November 2025 at the SAHS Auditorium.



17. Awareness Talk on Elimination of Discrimination Against Women

Date: 05 December 2025

Organising institution / department: Internal Complaints Committee, Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals

Event report: The Internal Complaints Committee of Vinayaka Mission's Kirupananda Variyar Medical College & Hospitals organised an awareness programme titled "E-Decorum in the Digital Age – Combat Online Sexual Harassment" as part of the Elimination of Discrimination Against Women Pakhwada.

18. 16 Days of Activism for Ending Gender-Based Violence

Date: 09 December 2025

Organising institution / department: NSS Unit and Women Empowerment Cell, School of Arts and Science

Event report: The NSS Unit and Women Empowerment Cell of the School of Arts and Science organised an awareness programme on 9 December 2025 as part of the 16 Days of Activism for Ending Gender-Based Violence. An awareness short film highlighted the prevention of gender-based violence and the importance of equality, safety and respect.



19. Webinar on Human Rights and Modern Slavery in Contemporary India

Date: 20 December 2025

Organising institution / department: Vinayaka Missions School of Health Systems

Event report: Vinayaka Missions School of Health Systems organised a webinar on "Human Rights & Modern Slavery in Contemporary India" on 20 December 2025. Ms. Avanika Singh discussed structural violence, exploitation and contemporary human-rights challenges.



20. International Men'S Day Celebration 2025

Date: 22 December 2025

Organising institution / department: Gender Sensitization Cell

Event report: The Gender Sensitization Cell organised International Men's Day on 22 December 2025, focusing on men's health, emotional well-being, positive masculinity and gender equality.



***

List of VMRF (DU) Publications Made on SDG-5 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Roselin V.N.; Moniga S.; Fowmina C.; Mahalle A.; Pakhide Y.P.; Selvakumar P.; Manjunath T.C.	Gender Equity In Mathematics Curriculum Resources	2025	Integrating Gender Equity Into Mathematics Curriculum and Teacher Education	10.4018/979-8-3373-7245-7.ch002	Scopus
2	Subaveerapandiyan A.; Sinha P.; Kalbande D.; Shimray S.R.	Diversity, equity, inclusivity, and accessibility in Indian academic libraries	2025	IFLA Journal	10.1177/03400352251392266	Scopus
3	Kesavan H.; Rajappa M.C.; Ramaswamy S.; Venkatasubramaniam N.; Kumar M.	The Complex Interplay: Hepatitis B, HIV/AIDS and Erectile Dysfunction-A Comprehensive Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.2026107	Scopus
4	Sharma R.D.; Selvaraj G.; Sherin Nithya S.; Sarangi R.; Muley P.; Verma V.V.; Sharma P.	A Population-Based Model for Analyzing Trends in Adolescent Reproductive Health	2025	Genetics and Molecular Research	10.4238/yrxz9x95	Scopus
5	Kaviarasan L.; Gambhir V.; Jayakumar S.S.; Verma V.V.; Gupta M.; Arun Daniel J.; Panda S.S.	A SYSTEMATIC REVIEW OF MOBILE HEALTH INTERVENTIONS FOR ANTIRETROVIRAL THERAPY ADHERENCE IN PUBLIC HEALTH	2025	Genetics and Molecular Research	10.4238/j446ah16	Scopus
6	Malaiyappan P.; Prasad S.; Arul V.; Babudevaraj K.; Selvaraj J.C.	Innovative Insights and Multidimensional Strategies for Addressing Sexually Transmitted Diseases: A Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.2022557	Scopus
7	Deepa S.; Sarumathy K.A.; Prithiviraj N.	NUTRACEUTICALS AND GERIATRIC SEXUAL HEALTH	2025	Nutraceuticals for the Treatment and Prevention of Sexual Disorders		Scopus
8	Bag S.B.; Mitra A.; Chatterjee S.; Bharadwaj A.	Assessing the efficacy of UNSCR 1325: A comparative analysis of un peacekeeping actions on women's rights and female security in conflict	2025	International Relations Theory and Philosophical Political Insights Into Conflict Management	10.4018/979-8-3693-9626-1.ch016	Scopus
9	S G.S.M.; Padmanabhan A.; S B.	Navigating Legal Tensions and Cultural Exchanges: Homosexual Rights in Contemporary India	2025	International Journal for the Semiotics of Law	10.1007/s11196-024-10166-8	Scopus


SDG6

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)

SDG 6 – CLEAN WATER AND SANITATION

SDG 6 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	27 November 2025	School Competition on Safe Sanitation	Department of Community Medicine, VMMC, KKL

DETAILED EVENT REPORTS

1. School Competition on Safe Sanitation

Date: 27 November 2025

Organising institution / department: Department of Community Medicine

Place: Girls High School, Kottucherry

Event report: The Department of Community Medicine conducted a "Safe Sanitation" School Competition on 27 November 2025 under the ICMR Extramural Funded Project (IIRP-2023-7970/F1), in observance of Children's Day 2025. Girls High School, Kottucherry participated in Art (Classes I–V), Slogan Writing (VI–VIII), and One-Minute Video Competitions (IX–X), covering themes such as waste segregation, sewage management, plastic pollution, toilet usage, and safe disposal practices.



List of VMRF (DU) Publications Made on SDG-6 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Ramachandran R.; Saravanakumar P.; Mathina M.; Shinyjoy E.; Zainuddin Z.; Govindarajan R.K.; Kamaraj C.; Gopi D.; Alwi R.S.	Biogenic/chitosan/bamboo fiber ternary bio-nanocomposite: Dual-functional platform for environmental and biomedical applications	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.148563	Scopus
2	Arulnangai R.; Thirugnanasambandham K.; Ganesamoorthy R.; Gomathi R.; Parameswari R.	Role of TiO2 nanomaterial in the treatment of polluted Cauvery River water in Tiruchirappalli district, Tamil Nadu, India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101216	Scopus
3	Mane M.; Patil D.V.; Mohur J.; Krishnamoorthy P.; Ahmad N.; Bhatnagar T.; Tripathy A.	Metapopulation Dynamics of Endangered Amphibians in Fragmented Wetland Networks	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.2.45	Scopus
4	Parameswari R.; Madhan Kumar P.; Azhagu P.S.; Yogesh T.; Janani I.; Ganesamoorthy R.; Babujanarthanam R.	Materials for Microbial Fuel Cells: Harnessing Bio Electrochemical Systems	2025	Sustainable Materials for Fuel Cell Technologies	10.1002/9781394247806.ch8	Scopus
5	Mohanaprakash T.A.; Bhagyalakshmi A.; Senthilkumar S.; Patro P.; Rao N.K.K.; Boopathi S.	AI-enhanced advanced aquaponics in agricultural systems	2025	Utilizing Aeroponics Techniques for Improved Farming	10.4018/979-8-3693-2320-5.ch009	Scopus
6	Maniraj S.P.; Monisha J.; Amutha R.; Kavitha R.; Shriidhar P.J.; Srinivasan C.	Agricultural Water Conservation through AI-Enhanced Solar IoT Networks	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10940116	Scopus
7	Monisha S.; Sangeetha S.P.	Helianthus annuus (Sunflower) and Gossypium herbaceum (Cotton) as a Phytoremediator of Chromium (Cr) in Tannery Wastewater	2025	Indian Journal of Environmental Protection		Scopus
8	Suhail M.; Suri S.; Khandual A.; Jayakumar S.S.; Ruikar S.S.; Singh T.; Krishnamoorthy S.	Genetic Diversity Assessment of Island Endemic Species Using Environmental DNA Metabarcoding	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.4.68	Scopus
9	Gunasekaran N.; Kumar N.K.; Saranya L.R.; Aravindha Babu N.; Chinnathambi K.; Malakondaiah S.; Motcha Rakkini V.; Ryntathiang I.; Jothinathan M.K.D.	Biodegradation of Textile Dye Effluent Using Bacteria and Fungi Isolated from Textile Effluent and Optimization of Environmental Parameters	2025	International Journal of Advanced Science and Engineering	10.29294/IJASE.12.2.2025.5796-5805	Scopus
10	Thummala H.; Priyanka K.; Sayana S.B.; Kandimalla R.	MICROBIAL PRODUCTION OF BIOSURFACTANTS AND THEIR BIOCHEMICAL CHARACTERIZATION	2025	Asian Journal of Pharmaceutical and Clinical Research	10.22159/ajpcr.2025v18i11.56591	Scopus

List of VMRF (DU) Publications Made on SDG-6 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
11	Monisha S.; Sangeetha S.P.	Analysis of Plants, Helianthus annuus (Sunflower) and Gossypium herbaceum (Cotton), for the Control of Heavy Metals Chromium and Arsenic Using Phytoremediation Techniques	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i02.B4237	Scopus
12	Rangegowda R.; Makhija H.; Mary Praveena J.; Swain D.K.; Malathi H.; Sree D.V.; Singh S.	Development of Predictive Models Using Applied Statistics for Crop Yield Optimization	2025	Genetics and Molecular Research	10.4238/qkwm5305	Scopus
13	Govindaraj V.; Lakshuman C.; Mythili M.	Geospatial Approach; Identification of Soil Erosional Hazards Zone and Prioritizations of Gomukhi Watershed at Tamil Nadu State, India; Through RUSLE Model	2025	Advances in Geographical and Environmental Sciences	10.1007/978-981-96-8452-6_1	Scopus
14	Rattan D.; Datta P.; Sharma D.; Bhusal C.K.; Sehgal R.	First report of molecular detection and phylogenetic analysis of Toxoplasma Gondii in soil, water and vegetables from Chandigarh city, India	2025	Scientific Reports	10.1038/s41598-025-90469-3	Scopus
15	Muruhan S.; Nirmala C.; Gnanamathy G.; Roopa N.; Jayakumar M.	An overview of water quality, water pollutants, and the importance of nanomaterials in water remediation	2025	Current Advancements in Nanomaterials for Wastewater Remediation: Challenges and Mitigation Strategies	10.1016/B978-0-443-16112-4.00002-5	Scopus
16	Thenpandiyan E.; Ramasamy V.; Suresh G.; Senthil S.; Sathishpriya T.; Ilaiyaraja P.	A naturally derived Sm3+-doped CaCO3 photocatalyst for the degradation of major organic dyes from wastewater	2025	Ionics	10.1007/s11581-025-06212-5	Scopus
17	Renuka S.; Dhanaraj K.; Suresh G.; Thenpandiyan E.; Kumar S.R.A.; Ramachandran K.	A greenery rodlike ZnO and Fe-doped ZnO photocatalysts for efficient dye removal from wastewater	2025	Chemical Physics Impact	10.1016/j.chphi.2025.100979	Scopus
18	Subathra M.; Devika R.	A Comparative Study on Hydrothermal Liquefied Biochar as Biofertilizer for Increased Plant Yield	2025	Agricultural Science Digest	10.18805/ag.D-6047	Scopus
19	Thirugnanasambandham K.; Gomathi R.; Parameswari R.; Kossar S.; Rasool A.; Shinyjoy E.; Ganesamoorthy R.	Sustainable Approach of Real Municipal Wastewater Treatment Using Lactobacillus plantarum Strain, Aluminum Chloride and Moringa oleifera Seed	2025	Journal of Water Chemistry and Technology	10.3103/S1063455X25010060	Scopus
20	Saravanabhavan S.S.; Kamalakannan V.P.; Thanarasu A.; Marimuthu N.; Devarajan P.; Dhanasingh Sivalinga V.; Natarajan K.; Natesan B.	A method to remove heavy metals from wastewater by modifying the surface of a PVDF membrane using chitosan and PANi and assessing it using the Hermia model	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.144673	Scopus

List of VMRF (DU) Publications Made on SDG-6 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
21	Rubesh Ashok Kumar S.; Vasvini Mary D.; Suganya Josephine G.A.	Incorporation of W[sbnd]Ce oxides on Ti3C2Tx/gC3N4 bi-layers: An efficient photocatalyst under visible/sunlight irradiation	2025	FlatChem	10.1016/j.flatc.2025.100920	Scopus
22	Murugan S.K.; Rede G.D.; Baskaran T.L.; Kumari P.; Nuta A.C.	DETERMINANTS OF SOLAR WATER PUMPING SYSTEM ADOPTION AMONG FARMERS: A FACTOR ANALYSIS APPROACH	2025	Journal Of Economic Sciences: Theory And Practice	10.30546/jestp.2025.82.02.2016	Scopus
23	Vasvini Mary D.; Rubesh Ashok Kumar S.; Suganya Josephine G.A.	An efficient rare earth metal oxide-supported MXene/g-C3N4 photocatalyst for removing organic dye from wastewater	2025	Journal of the Indian Chemical Society	10.1016/j.jics.2025.101750	Scopus
24	Rajesh M.	Adaptive Edge-Federated AI Framework for Contactless Menstrual Health Prediction Using Multimodal Physiological Intelligence	2025	MethodsX	10.1016/j.mex.2025.103665	Scopus
25	Soman K.; Kanagaraj K.; Senthilkumar N.; Rajendran S.; Faraj T.K.; Alrefaei A.F.; Thirumalaivasan N.; Sundaram T.; Roy A.; Verma R.; Thomas S.; Gopi S.; Lackner M.	Nitrogen-doped carbon dots from Brahmi (Bacopa monnieri): Metal-free probe for efficient detection of metal pollutants and methylene blue dye degradation	2025	Green Processing and Synthesis	10.1515/gps-2024-0182	Scopus
26	Elumalai S.; Somasundaram A.; Ramasamy P.	A comprehensive review on nanochitosan and its diverse applications in various industries	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.141150	Scopus
27	Shareef M.M.; Prasath S.; Dhall H.; Al-Fatlawy R.R.; Singh K.R.; Dwibedi R.K.	Soil Moisture Prediction with Temporal Convolutional Networks (TCN) for Precision Irrigation	2025	2025 International Conference on Automation and Computation, AUTOCOM 2025	10.1109/AUTOCOM64127.2025.10957252	Scopus
28	Harish C.; Loganathan P.; Sudha G.; Babu K.T.; Pundir S.; Jebaseeli S.K.; Janapati K.C.; Senior A.S.B.; Prakash K.B.	Grey Wolf Optimization based MPPT of PV System Powered Water Pumping System Driven by SRM under Partial Shading Conditions	2025	3rd International Conference on Power Electronics and Energy, ICPEE 2025	10.1109/ICPEE65973.2025.11411532	Scopus
29	Monisha S.; Sangeetha S.P.	Brassica juncea and Medicago sativa as Phytoremediators for the Removal of Chromium and Arsenic	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i03.B4275	Scopus
30	Saini P.; Rangasamy A.; Ray S.; Lakshmi L.; Mohamed Jaffar A.; Kalidhas A.M.; Gupta K.	Wastewater-Based Epidemiology for Early Detection of Viral Outbreaks	2025	Genetics and Molecular Research	10.4238/9ajqv058	Scopus
31	Suresh G.; Goyal D.; Srinath G.; Anerao P.; Bhan S.; Guo Q.	Electrochemical Sensors Based on Graphene Oxide for Real-Time Detection of Heavy Metal Contaminants	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1234	Scopus

List of VMRF (DU) Publications Made on SDG-6 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
32	Gunasekaran S.; Sakthivel S.; Rajan R.E.; Balasubramanian M.; Latkar Y.S.; Mathew B.M.	Fluoride-induced effects on cognitive development in Indian children: A systematic review and meta-analysis	2025	Journal of Indian Society of Pedodontics and Preventive Dentistry	10.4103/jisppd.jisppd_259_25	Scopus
33	Arulnangai R.; Muralitharan G.; Thabassoom H.A.; Ganesamoorthy R.; Thirugnanasambandham K.; Parameswari R.	Assessment of the adequacy of groundwater quality for residential and irrigation applications in India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101229	Scopus
34	Venkatachalam R.; Supriya S.; Deshpande M.R.; Vaidevi C.; Bhattacharya S.	Implementing Zero Liquid Discharge Systems to Minimize Industrial Wastewater Residues in Mechanical Manufacturing Processes	2025	Springer Water	10.1007/978-3-031-84909-1_3	Scopus


SDG7

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)

SDG 7 – AFFORDABLE AND CLEAN ENERGY

SDG 7 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	09 December 2025	National Energy Conservation Day – Energy Audit Exercise and Model Competition	Environmental Science Club, in collaboration with the Institution's Innovation Council (IIC)
2	14 March 2025	Green Audit Report	VMKVEC, Salem
3		Solar Panel Power generation Details	All Campuses

DETAILED EVENT REPORTS

1. National Energy Conservation Day – Energy Audit Exercise and Model Competition

Date: 09 December 2025

Organising institution / department: Environmental Science Club, in collaboration with the Institution's Innovation Council (IIC)

Event report: On the occasion of National Energy Conservation Day – 2025, the Environmental Science Club, in collaboration with the Institution's Innovation Council (IIC), organised an Energy Audit Exercise and Model Competition on 09 December 2025, themed "Sustainable Energy and Citizen Participation." Seven teams took part in the Energy Audit Exercise, assessing campus energy usage and presenting their findings, while four teams showcased innovative and sustainable solutions in the Model Competition.



Report No: NSF/PR/7.5 /02 File No: 48

Report of Green, Environment, Energy, Waste Management, Soil &Water, Air Quality and Hygiene Audits



Submitted to

VINAYAKA MISSION'S KIRUPANANDA VARIYAR ENGINEERING COLLEGE, PERIYA SEERAGAPADI, SALEM-636 308, TAMIL NADU, INDIA

Date of Audit: 05.03.2025
Date of Issue: 14.03.2025
Date of Validity:04.03.2027

Regd. No. 114 / 2017

IB 121

Submitted by

NATURE SCIENCE FOUNDATION

[A Unique Research and Development Centre for Society Improvement]
An ISO/IEC 17020:2012 Accredited Type 'A' Inspection Body [Reg. No. IB 121]
by NABCB, QCI, Ministry of Commerce and Industry, Government of India
No. 2669, LIG-II, Gandhi Managar, Peelamedu
Coimbatore 641 004, Tamil Nadu, India.
Phone: 0422 4917999, Mobile: 9566777255, 9566777258
Email: director@nsfonline.org.in, Website : www.nsfonline.org.in

Report of Green, Environment, Energy, Waste Management, Soil &Water, Air Quality and Hygiene Audits

Submitted to

VINAYAKA MISSION'S KIRUPANANDA VARIYAR ENGINEERING COLLEGE, PERIYA SEERAGAPADI, SALEM-636 308, TAMIL NADU, INDIA

Cross Reference & Traceability - File No:48

- **Certificate No: NSF/PR/7.4.2. /01**
- **Datasheet No: NSF/PR/F/7.1.7/01 – 07**
- **Non-Conformities Sheet No: NSF/PR/7.8**
- **Report No: NSF/PR/7.5 /02**
- **Checklist No: NS/PR/F/7.1.7**
- **Date of Audit: 05.03.2025**
- **Date of Issue: 14.03.2025**
- **Date of Validity: 04.03.2027**

Regd. No. 114 / 2017

IB 121

Submitted by

NATURE SCIENCE FOUNDATION

[A Unique Research and Development Centre for Society Improvement]
An ISO/IEC 17020:2012 Accredited Type 'A' Inspection Body [Reg. No. IB 121]
by NABCB, QCI, Ministry of Commerce and Industry, Government of India
No. 2669, LIG-II, Gandhi Managar, Peelamedu
Coimbatore 641 004, Tamil Nadu, India.
Phone: 0422 4917999, Mobile: 9566777255, 956677725
Email: director@nsfonline.org.in, Website : www.nsfonline.org.in

NATURE SCIENCE FOUNDATION

(A Unique Research and Development Centre for Society Improvement)
ISO 9001:2015, 14001:2015 & 50001:2018 Certified and ISO/IEC 17020:2012 Accredited
Type 'A' Inspection Body by NABCB [Reg. No. IB 121], QCI, Ministry of Commerce and Industry
No. 2669, LIG-II, Gandhi Managar, Peelamedu, Coimbatore - 641 004, Tamil Nadu, India.
95667 77255, 95667 77258 director@nsfonline.org.in www.nsfonline.org.in
Regd. No. 114/2017

Dr. S. RAJALAKSHMI, M.B.A., Ph.D., FNSF.,
Chairman

Mr. P. KANAGARAJ, FNSF.,
Secretary

Certificate of Declaration

The **Office of Nature Science Foundation**, Coimbatore, Tamil Nadu declare that

1. Nature Science Foundation has conducted onsite green audit at ***Vinayaka Mission's Kirupananda Variyar Engineering College, Periya Seeragapadi, Salem -636 308, Tamil Nadu, India*** by deputing certified Lead Auditors and Technical Experts.
2. On the basis of audit observations by the auditors and pertinent data collected from the Auditee, the Technical Report has been prepared and being submitted.
3. Data presented in the Technical Report are verified and to best of our knowledge, the data are authentic and reliable.
4. Nature Science Foundation declares that data generated were not shared with any third parties and the soft copy of the report is available with Nature Science Foundation's Office.
5. Provided the Auditee desired to publish or share the data with other agencies, Nature Science Foundation has no conflict of interest.
6. We at Nature Science Foundation express our deep sense of gratitude to the Management for given an opportunity to conduct green audit at their premises in compliance with NAAC criteria in line with ISO/IEC 17020:2012 standards and NABCB guidelines and for whole hearted support extended at the time of onsite audit. Our sincere thanks to NAAC, IQAC Coordinators and Head of the Departments of the Organization for their intangible assistance and cooperation extended to the audit team at the time of physical facility verification.
7. Reports and Certificates are valid till 04.03.2027

Date: 14.03.2025
Place: Coimbatore

Authorized Signatory
Nature Science Foundation

Signature of the Director
NSF Audit Processes

National Accreditation Board for Certification Bodies

Accreditation Certificate

NABCB

hereby confirms that

Nature Science Foundation

No. 2669, LIG-II,Gandhi Managar,
Peelamedu, Coimbatore – 641004,
Tamil Nadu, India

complies with

NABCB Accreditation Criteria for Inspection Bodies
(ISO/IEC 17020:2012)
as Type 'A' Inspection Body

to carry out

Inspection
as per accompanying

Schedule I : Scope of Accreditation
Schedule II : Office(s) under Accreditation

Accreditation Certificate No.:		**IB 121**
Date of Initial Accreditation	:	January 10,2024
Validity of Accreditation	:	January 09, 2027

January 10, 2024
Issue Date

(RajeshMaheshwari)
Chief Executive Officer

(Please refer **http://nabcb.qci.org.in** for validity of the certificate or contact NABCB for any related queries)

National Accreditation Board for Certification Bodies

Schedule I

(Scope of Accreditation)

Nature Science Foundation

Type 'A' Inspection Body

IAF Scope / Field of Inspection and Specific Item(s)	Stage and Range of Inspection(s)	Inspection Requirement(s) Standards / Regulations / Methods / Procedures	
		Number identification with year of publication	Title
IAF Scope 28 Buildings and Associated Infrastructure Green Audit	Green audit of educational institutions as per NBC2016 Part 11	NBC 2016 (Part-11) 14-29/2022 dated 26.05.2022	National Building Code Part 11: Approach to Sustainability NAAC Advisory Client Requirements in the form of QAP mentioning required specification and scope mentioned in this scope. However, the applicable National & International Codes and Standards shall be among those which are either referred in the scope statement or shall be equivalent to the standards described above for the relevant scope category

January 10, 2024
Issue Date

(Rajesh Maheshwari)
Chief Executive Officer

(The schedule must be accompanied by the Accreditation Certificate No. **IB 121** valid upto January 09, 2027)

National Accreditation Board for Certification Bodies

Schedule II

(Office(s) under Accreditation)

Nature Science Foundation

Location	Address	Key activities performed
Coimbatore Tamil Nadu (Main Office)	No. 2669, LIG-II, Gandhi Managar, Peelamedu, Coimbatore – 641004, Tamil Nadu, India	Top Management functions, Quality Management System functions, administration & accounts, other key activities. Inspection contract review, Inspection planning & execution, Inspection personnel authorization & assignment, Issue of inspection reports / certificates.

January 10, 2024
Issue Date

(Rajesh Maheshwari)
Chief Executive Officer

(The schedule must be accompanied by the Accreditation Certificate No. **IB 121** valid upto 09 January 2027)

NATURE SCIENCE FOUNDATION

Regd. No. 114/2017

[A Unique Research and Development Centre for Society Improvement]
An ISO/IEC 17020:2012 Accredited Type 'A' Inspection Body [Reg. No. IB 121]
by National Accreditation Board for Certification Bodies (NABCB),
QCI, An Autonomous body under Ministry of Commerce & Industry, India.

Inspection Certificate

This is to certify that Vinayaka Mission's Kirupananda Variyar Engineering College, Periya Seeragapadi, Salem - 636 308, Tamil Nadu, India has implemented ecofriendly sustainability practices in line with National Building Code of India, Part 11 (Approach to Sustainability) which covers the following areas,

1. Green Audit
2. Environment Audit
3. Energy Audit
4. Waste Management Audit
5. Soil and Water Audit
6. Air Quality Audit
7. Hygiene Audit

NABCB
IB 121

ilac-MRA

Date of Inspection: 05.03.2025
Date of Issue: 14.03.2025
Date of Validity: 04.03.2027

Cross Reference & Traceability - File No: 48
Certificate No: NSF/PR/7.4.2 /01
Datasheet No: NSF/PR/F/7.1.7/01 – 07
Non-Conformities Sheet No: NSF/PR/7.8
Report No: NSF/PR/7.5 /02
Checklist No: NS/PR/F/7.1.7

Dr. D. Vinoth Kumar
Director (Audits)

SALAYARAJ RAJALAKSHMI
Digitally signed by SALAYARAJ RAJALAKSHMI
Date: 2025.03.14 14:19:49 +05'30'

Dr. S. Rajalakshmi
Chairman

No. 2669, LIG-II, Gandhi Managar, Peelamedu, Coimbatore - 641 004, Tamil Nadu, India.
Phone: 0422 4917999; Mobile: 95667 77255; 95667 77258
Email: director@nsfonline.org.in, Website: www.nsfonline.org.in

Note: Organization management is responsible for the validated not meeting the requirements during the Inspection Process.

CONTENTS

S.No.	Details of Reports	Page No
1.	General Introduction	9
1.1.	Introduction	9
1.2.	Importance of National Building Code	9
1.3.	Environment Friendly Campus	10
1.4.	About Nature Science Foundation (NSF)	10
1.5.	About the organization	11
1.6.	Audit Team Details	12
1.7.	List of Instruments used in the Inspection Process	14
1.8.	Use of Personal Protective Equipment (PPE)	18
2.	Green Audit	20
2.1.	Introduction	20
2.2.	Importance of green audit	20
2.3.	Green audit observations	20
2.3.1.	Facilities for Human Comforts (NBC checkpoint 3.2. and 3.9.)	21
2.3.2.	Natural topography, vegetation and monitoring (NBC checkpoint 6.2.4.)	21
2.3.3.	Landscape design and soil erosion control (NBC Checkpoint 7.1.1. – 7.1.3.)	22
2.3.4.	Establishment of different gardens, vertical landscaping and roof gardens (NBC Checkpoint 7.1.1. – 7.1.3.)	22
2.3.5.	Survey of Flora and Fauna (NBC Checkpoint 12.4.5. and 12.4.6.)	23
3.	Environment Audit	24
3.1.	Introduction	24
3.2.	Organization Details	25
3.3.	Environment audit observations	25
3.3.1.	Integrated Water Management System (NBC Checkpoint 3.7. and 7.2.1.)	26
3.3.2.	Corporate Governance (NBC Checkpoint 3.10.)	26
3.3.3.	Safety measures and green building conservation code (NBC Checkpoint 3.11.)	26
3.3.4.	Applicability and Implementation (NBC checkpoint 4 and 5)	27
3.3.5.	Parking facilities to reduce Heat Island Effect (NBC checkpoint 7.4.1.)	27
3.3.6.	Public transport, low emitting vehicles and control of car smokes (NBC Checkpoint 7.4.1. – 7.4.7)	27
3.3.7.	Pedestrian path facility at the campus (NBC Checkpoint 7.4.3.)	28
3.3.8.	Carbon footprint	29
3.3.9.	Selection of Building Material (NBC checkpoint 9.1. – 9.3.)	29
3.3.10.	Waste and Water management activities (NBC Checkpoint 10.1.)	29
3.3.11.	Post Occupancy maintenance	29
4.	Energy Audit	31
4.1.	Introduction	31
4.2.	Energy audit observations	31
4.2.1.	Energy Efficient Design and Process (NBC Checkpoint 3.5, 3.6 & 3.8.)	32
4.2.2.	Lighting facilities (NBC Checkpoint 6.2.2 – 6.2.10, 7.1.1.2 and 7.5)	33

4.2.3.	Building Service Optimization (NBC Checkpoint 11)	33
4.2.4.	Energy consumption and cost profile (NBC Checkpoint 12.3.4.)	34
4.2.5.	Power consuming equipment and electrical appliances	35
4.2.6.	Carbon footprint	36
4.2.7.	Calculation of carbon footprint	36
4.2.8.	Noise level measurements (NBC Checkpoint 12.4.4.)	37
4.2.8.1.	Light intensity measurement at the campus	39
4.2.8.2.	Voltage Measurement at the Campus	40
4.2.9.	Operation and Maintenance (NBC Checkpoint 13)	41
5.	Waste Management Audit	42
5.1.	Introduction	42
5.2.	Observations of the waste management audit	42
5.2.1.	Technology Options (NBC Checkpoint 3.3 and 3.4.)	43
5.2.2.	Waste Management Practices (NBC Checkpoint 10.6, 10.7 and 12)	43
6.	Soil and Water Audit	46
6.1.	Introduction	46
6.2.	Soil and Water audit observations	46
6.2.1	Geology, topography and soil condition (NBC Checkpoint 12.4.1)	47
6.2.2.	Assessment of Physico-chemical property of Soil samples	47
6.3.	Water management activities (NBC Checkpoint 7.3, 10.2 – 10.5 and 12.4.2.)	49
6.3.1.	Operational water supply thro' drip and sprinkler systems	49
6.3.2.	Rainwater harvesting system and percolation pond	50
6.3.3.	Water quality	50
6.3.4.	Standards for physico-chemical properties of water	50
6.3.5.	Water consumption rate	51
7.	Air Quality Audit	53
7.1.	Introduction	53
7.2.	Measurement of carbon dioxide level in the campus	53
7.3.	Air quality audit observations (NBC Checkpoint 12.4.3.)	53
7.4.	Atmospheric oxygen level measurements analysis and interpretation	54
8.	Hygiene Audit	56
8.1.	Introduction	56
8.2.	Hygiene audit observations	57
8.2.1.	Observation on Personal Hygiene and Safety measures (NBC Checkpoint 12.3.6 and 12.3.7.)	57
8.2.2.	Napkin disposal facility	58
8.3.	Legal compliances	59
9.	Conclusion	60
10.	References	61

1. GENERAL INTRODUCTION

1.1. Introduction

Green campus is an area of the Organization or the Organization as a whole itself contributing to have an infrastructure or development that is structured/planned to incur less energy, less water, less or no CO_2 emission and less or pollution free environment. Green Audit is a tool to evaluate environment management system which is systematically executed to protect and preserve the environment. Green audit constitutes the environmental friendly practices and education combined to promote sustenance of green environment by adopting user-friendly technology within the campus. It creates awareness on environmental ethics, resolves environmental issuesand offers solutions to various social and economic needs. It strengthens the concept of 'Green Building' and 'Oxygenated Building' which in turn provides a healthy atmosphere to the stakeholders.

1.2. Importance of National Building Code (NBC)

National Building Code (NBC) of India has a set of rules and guidelines that regulates construction of buildings and as well as ecofriendly activities of the campus without harming the environment. In order to achieve the minimum standards of welfare and safety of stakeholders of a campus, the Governing body of Central and State Governments lays down a set of guidelines to offer sustainable environment. In 1970, the National Building Code (NBC) was first published in India and the significant provisions of the Indian Building Code involve: 1. Structural safety of the building, 2. Earthquake-resistant building design, 3. Fire and life safety, 4. Solid waste management, 5. Accessibility for differently-abled and senior citizens, 6. Use of alternative building techniques and 7. Environmentally compatible building construction techniques like the use of solar power, rainwater harvesting, etc.

NBC is not only offer a standard uniform benchmark that constructors and environmentalists must meet, but they also establish safety standards along with ecofriendly atmosphere of a campus for years to come. As extreme weather conditions and fires are growing rapidly in the country, it becomes vital that buildings and structures be built and designed using the current building codes to allow for maximum safety sustainability and resilience to the stakeholders. For instance, new and updated building codes put much emphasis on conservation as energy and the degradable and non-degradable wastes are the most expensive byproduct of older regions. This will not only offer environmental benefits to future generations but will also regulate indoor air pollution and greenhouse gas emissions to protect the health of human beings.

Before the introduction of NBC in the construction industry, building commercial and residential properties used a lot of energy which adversely affected the sustainable environment. Thus, enforcing building codes to create low-energy buildings offers a tangible way for the company to help decrease the greenhouse gas emissions of the nation. While safety is the primary objective, new building codes are making significant contributions toward solving energy issues relating to the use of environmentally compatible construction techniques like planting trees, landscaping, rainwater harvesting and renewable and non-renewable energy sources.

1.3. Environment Friendly Campus

As stated earlier, Organization is liable to provide an eco-friendly atmosphere along with good quality of drinking water facility to all the stakeholders. Manuring the cultivated plants/grown within the campus may applied with organic manure, cow dung, farmyard manure and vermicompost instead of using chemical fertilizers. All non-compostable and single-use disposable plastic items, plastic utensils, plastic straws and stirrers should be avoided. Demonstration / awareness programme on establishing plastic-free environment and utility of organic alternatives for all incoming and current students, staff and faculty should be organized. Reduction of use of papers alternated with e-services, e-circulars, etc., and proper disposal of wastes, recycling and suitable waste management system should be considered to establish environment friendly campus.

The term 'auditing' is to examine the management practices and to evaluate performance of an organization in relation to environmental issues. World along with Associated Chambers of Commerce and Industry of India (ASSOCHAM), Green Building Council (IGBC) and Green Ratings Systems (GBCRS), Green Rating for Integrated Habitat Assessment (GRIHA), Bureau of Energy Efficiency(BEE), Leadership in Energy and Environmental Design (LEED), CII-GreenCo –GreenCo Rating System (CII-GRS), Food Safety Management System & OccupationalSafety & Health (FSMS), Swatch Bharath under India Clean Mission (SBICM) and International Standard Organization (ISO 2021) have formulated a series of standards in the field of environmental auditing. These standards are basically intended to guide organizations and auditors on the general principles common to the execution of environmental audits.

Green Audit (ISO/IEC 17020:2012) comprised green campus, environment, energy, waste management (solid, liquid, municipal sewage, biomedical, plastic and electronic wastes), water, soil, air quality and hygienic audits are playing important role in Academic Institutions, R&D Organizations and Industries towards the accreditation process as well as maintaining a hygienic eco-friendly environment to the stakeholders in their campus. All audits will be conducted as per the Government Law and Environmental and the concept of Swachh Bharath Abhiyan under Clean India Mission.

1.4. About Nature Science Foundation (NSF)

NSF is the ISO QMS (9001:2015), EMS (14001:2015), OHSMS (45001:2018) & EnMS (50001:2018) and ISO/IEC 17020:2012 Accredited Type 'A' Inspection Body [Reg. No. IB 121] by NABCB, QCI, Ministry of Commerce and Industry, Government of India. NSF is managed by a Board of Trustees which is a Public Charitable Trust registered under the TN Societies registration Act 1975 (TN Act 27 of 1975) on 29th November, 2017 at Peelamedu, Coimbatore 641 004, Tamil Nadu, India with Certificate of Registration No. 114 / 2017. In addition, NSF has 12AA, 80G and Form 10AC certificates for income tax exemption and implanting various Government schemes. The main motto of the NSF is 'Save the Nature to Save the Future' and 'Go Green to Save the Planet'.

1.5. About the Organization

Vinayaka Mission's Kirupananda Variyar Engineering College (VMKVEC)

Established in 1987 with just three branches approved by AICTE, Vinayaka Mission's Kirupananda Variyar Engineering College (VMKVEC) has grown into a premier institution dedicated to shaping the future of aspiring engineers and technologists. Initially affiliated with the University of Madras and Periyar University, and later with Anna University, VMKVEC became a constituent college of Vinayaka Mission's Research Foundation (Deemed to be University) in 2004.

Vinayaka Mission's Research Foundation (Deemed to be University), founded in 2001, was conferred its status by the Ministry of Human Resource Development, Government of India, based on UGC recommendations (under Section 3 of the UGC Act 1956). Accredited with an 'A' grade by NAAC, the university is recognized for maintaining the highest academic standards and providing world-class infrastructure to foster excellence in education.

Currently, VMKVEC offers 10 undergraduate (UG) and 8 postgraduate (PG) programs, along with an MBA in various specializations, catering to over 2,500 students pursuing careers in Engineering, Technology, and Management. Our faculty comprises experienced, dedicated professionals committed to imparting knowledge that bridges the gap between academia and industry.

Accredited by the National Board of Accreditation (NBA) - AICTE from 2009 to 2012.Collaborations with renowned international universities, providing students with global exposure. Strong industry partnerships ensure our students receive hands-on training and real-world learning experiences.

Our institution takes pride in fostering industry-academia collaboration to equip students with cutting-edge skills and make them industry-ready engineers. We have established a state-of-the-art Joint Training Centre in collaboration with Bosch Ltd., Bangalore, offering hands-on training and real-world exposure to emerging technologies. Additionally, we have signed Memorandums of Understanding (MoUs) with leading multinational companies and premier research institutions, including Infosys, Intel Technology India Pvt. Ltd., Bangalore, NIT Trichy, IISc Bangalore, and various renowned research laboratories.

Our faculty and students are actively engaged in innovation through the "Vinayaka Mission's Kirupananda Variyar Engineering College Business Incubator," established in 2015. This incubator plays a vital role in encouraging students to submit their ideas, incubate them, and further develop them into working prototypes, which are then presented to MSME and other financial agencies for funding. Additionally, the incubator facilitates technology transfer, ensuring that innovative solutions reach real-world applications.

The Institution Innovation Council (IIC) has consistently achieved a 4-star rating, recognizing its excellence in fostering student-driven innovations and transforming ideas into impactful technologies.

1.6. Audit Team Details

1.	**Date of Audit**	: **05.03.2025**
2.	**Audit Site**	: **Vinayaka Mission's Kirupananda Variyar Engineering College,** Periya Seeragapadi, Salem-636 308, Tamil Nadu, India
3.	**Inspection Body**	: **Nature Science Foundation** Coimbatore, Tamil Nadu, India.
4.	**Audit Scope**	: **Green, Environment, Energy, Waste Management, Soil & Water, Air Quality and Hygiene Audits as per ISO/IEC 17020:2012**
5.	**Name of the Auditing Chairman**	: **Dr. S. Rajalakshmi** ISO QMS, EMS and EnMS Certified Lead Auditor ISO 17020:2012 (Green Audit), Founder & Chairman of NSF.
6.	**Name of the Auditing Team Leader**	: **Ms. M. Nithya** ISO QMS, EMS and ISO 17020:2012 (Green Audit) Deputy Director (Audits), NSF.
7.	**Name of the Lead Auditor for Green Audit + Environment Audit + Air Quality Audit**	: **Ms. M. Nithya** ISO QMS, EMS and ISO 17020:2012 (Green Audit) Deputy Director (Audits), NSF.
8.	**Name of the Lead Auditor for Soil & Water Audit + Hygiene Audit + Waste Management Audit**	: **Ar. N.M. Pradeep Kumar** ISO QMS, EMS and IGBC Certified Lead Auditor.
9.	**Name of the Lead Auditor for Energy Audit**	: **Er. A. Karthik** Bureau of Energy Efficiency Certified Auditor.
10.	**List of Auditees**	: **1.Dr.R.Sasi Kumar,** Principal **2.Dr.M.Nithya,** Vice Principal **3.Dr.N.Rajan,** Staff Coordinator **4.Dr. Muthumanickam,** Staff Coordinator **5.Dr.R.Devarajan,** Staff Coordinator **6.Mr.A.Mani,** Staff Coordinator **7.Dr.A.R.Sasieekhumar,** Staff Coordinator

1.6.1. Audit Scope and Criteria

Green audits are conducted in line with National Building Code (NBC) Part 11 Approach to Sustainability as per the NAAC and NABCB advisory. NBC part 11 consists of 11 different types of clauses. In this report the eleven clauses of sustainability are differentiated into Green, Environment, Energy, Waste Management, Soil & Water, Air Quality and Hygiene audits.

S.No.	Name of the Audits	NBC covered clauses
1.	Green Audit	3. Approach to Sustainability (3.2 & 3.9), 6. Siting, Form and Design (6.2.4.), 7. External Development and Landscape (7.1.1.), 12. Constructional Practices (12.4.5. & 12.4.6.)
2.	Environment Audit	3. Approach to Sustainability (3.2, 3.7, 3.10 & 3.11), 4. Applicability of this part (4.1 and 4.2), 5. Implementation of this part (5), 6. Siting, Form and Design (6.2.1.), 7. External Development and Landscape (7.1.2, 7.2, 7.3, 7.4.), 9. Materials (9.1, 9.2, 9.3), 10. Water and Waste Management (10.1.), 12. Construction Practices (12.8. and 12.11.)
3.	Energy Audit	3. Approach to Sustainability (3.2, 3.5, 3.6 & 3.8), 6. Siting, Form and Design (6.2.2, 6.2.3, 6.2.5, 6.2.6, 6.2.7, 6.2.8, 6.2.9 & 6.2.10), 7. External Development and Landscape (7.5.), 8. Envelope Optimization (8.1, 8.2. & 8.3), 11. Building service Optimization (11.1 – 11.16), 12. Constructional Practices (12.3.4, 12.4.4 & 12.9.), 13. Commissioning, Operation, Maintenance and Building Performance Tracking (13.1, 13.2, 13.3, 13.4, 13.5 & 13.6.)
4.	Waste Management Audit	3. Approach to Sustainability (3.3 & 3.4), 10. Water and Waste Management (10.6.1. – 10.6.5.), 12. Construction Practices (12.1, 12.2, 12.3, 12.5, 12.7, 12.10.)
5.	Soil & Water Audit	7. External Development and Landscape (7.3.2), 10. Water and Waste Management (10.2. – 10.5.), 12. Construction Practices (12.4.1. and 12.4.2.)
6.	Air Quality Audit	12. Construction Practices (12.4.3.)
7.	Hygiene Audit	12. Construction Practices (12.3.6 & 12.3.7.)

1.6.2. Audit Checklist Observations

The audit checklist in line with National Building Code (NBC) Part 11 – Approach to Sustainability covers 163 checkpoints. During the onsite visit, respective auditors marks not applicable and write the reason for non-applicability and wherever its applicable, auditors verifies the records / practice / documents and physical observation to confirm the same.

There are two parameters such as meeting the requirements and not meeting the requirements. Marking as meeting the requirements for the specific checkpoint reveals that the physical observation and documents are up to the mark. For some checkpoints OFI – Opportunity for Improvements will be given by the auditors. The physical observations and documents which are not up to the mark will be given as not meeting the requirements. The checkpoints under not meeting the requirements are up to the Management of the Organization to develop further.

1.7. List of Instruments used in the Inspection Process

During the on-site visit the below listed instruments are used by the Lead Auditors and Technical experts to check the specific parameters in the view of maintaining sustainability. All the instruments are calibrated by ISO 17025 accredited labs (JRTS Technical Services, Chennai, Tamil Nadu and Instruments Calibration and Test Centre, Coimbatore, TN). The frequency of calibration is six months once or 20 times after its use.

1.7.1. Oxygen Meter



Oxygen meter is used in the audit process to measure the oxygen level in the organization. The instrument is calibrated after using 20 times. Suitability of the instrument are range between 0 to 30% O_2, resolution of 0.1%, accuracy is ± (1% reading + 0.2% O_2), response time is ≤ 15 seconds, environment pressure range is 0.9 to 1.1 atmosphere, temperature range is 0 °C to 50°C, 32°F to 122°F, temperature resolution is 0.1°C, temperature accuracy is 25°C.

1.7.2. Carbon dioxide meter



Carbon dioxide meter is to measure the carbon level in the organization. The instrument is calibrated after using 20 times. Suitability of the instrument are range between 0 ~ 4000 ppm, resolution of CO_2 Meter is 1 ppm, accuracy is ≤ 1,000 ppm, repeatability is ± 20 ppm, temperature range between 0°C to 50°C, 32°F to 122°F, temperature resolution is 0.1°C, temperature accuracy is at 25°C.

1.7.3. Light (LUX) Meter



Light meter is to calculate the light intensity in the organization. Suitability of the instruments are, 5 ranges. ie., 40.00, 400.0, 4,000, 40,000, 400,000 Lux, operating temperature is 0 to 50°C, Operating humidity is less than 80% RH, Power consumption is DC 8 mA approximately. This Instrument will be calibrated yearly once or during non-functioning.

1.7.4. Sound Level Meter



Sound level meter is to measure the noise level in the organization. This instrument is calibrated yearly once or after using 20 times. Suitability of the instruments are measurement range is 30 – 130 dB, resolution is 0.1 dB, accuracy is (23±5 °C), Frequency of the instrument is 31.5 to 8,000 Hz, Operating temperature is 0 to 50 °C (32 to 122 °F), Operating humidity is less than 80% RH, Power consumption is DC 6 mA approximately.

1.7.5. pH Meter



pH meter is generally used to measure the pH level in water. It is calibrated 6 months once or after 20 times of its use. Suitability of the instrument are range of the pH meter is 0 – 14, accuracy is ± 2%, resolution of the instrument is 0.1 pH, operating temperature is 0 to 50 °C (32 to 122 °F).

1.7.6. TDS Meter



TDS meter is generally used to measure the TDS level in water. Suitability of the meter are range of TDS meter is 0 – 9990 ppm (mg/L), operating temperature is 0 to 80 °C (32 to 176 °F) and accuracy is ± 2 %. This meter is calibrated six months once or 20 times after its use.

1.7.7. GPS Meter



GPS meter is subjected to know the latitude and altitude, location, etc., Suitability of the GPS meter are, dimension is 2.1" x 4.0" x 1.3" (5.4 x 10.3 x 3.3 cm), Display resolution is 128 x 160 pixels an GPS Map features included in Continental Europe. It is calibrated six months once or after 20 times of the usage.

1.7.8. Deluxe Water and Soil Analysis Kit



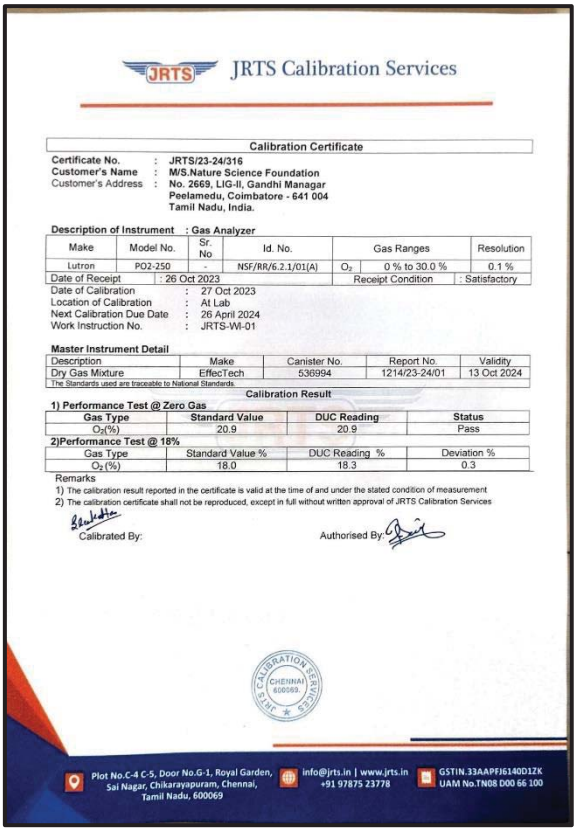
Deluxe water and soil analysis kit is used to analyze the pH, TDS, salinity, turbidity, alkalinity dissolved oxygen of water.

1.7.9. Digital Clamp (Voltage) Meter



It is used to check the input and output voltage between two points of an electrical circuit of Alternating Current (AC) and Direct Current (DC) by means of the high resistance of the voltage that impede the flow of current.

1.7.10. Calibration Certificates of Instruments used for the conduct of audits



JRTS Calibration Services

Calibration Certificate

Certificate No. : JRTS/23-24/316
Customer's Name : M/S.Nature Science Foundation
Customer's Address : No. 2669, LIG-II, Gandhi Managar Peelamedu, Coimbatore - 641 004 Tamil Nadu, India.

Description of Instrument : Gas Analyzer

Make	Model No.	Sr. No	Id. No.	Gas Ranges		Resolution
Lutron	PO2-250		NSF/RR/6.2.1/01(A)	O_2	0 % to 30.0 %	0.1 %

Date of Receipt : 26 Oct 2023 Receipt Condition : Satisfactory
Date of Calibration : 27 Oct 2023
Location of Calibration : At Lab
Next Calibration Due Date : 26 April 2024
Work Instruction No. : JRTS-WI-01

Master Instrument Detail

Description	Make	Canister No.	Report No.	Validity
Dry Gas Mixture	EffecTech	536994	1214/23-24/01	13 Oct 2024

The Standards used are traceable to National Standards.

Calibration Result

1) Performance Test @ Zero Gas

Gas Type	Standard Value	DUC Reading	Status
O_2(%)	20.9	20.9	Pass

2)Performance Test @ 18%

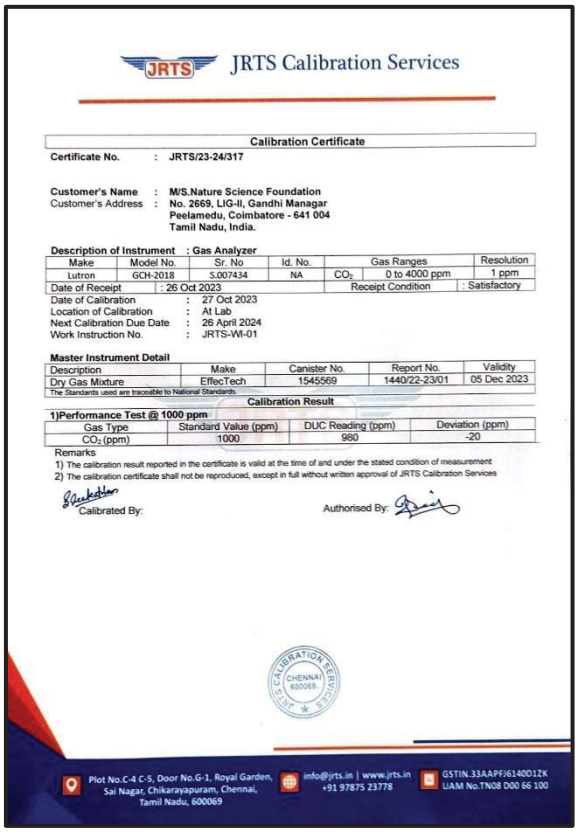
Gas Type	Standard Value %	DUC Reading %	Deviation %
O_2 (%)	18.0	18.3	0.3

Remarks
1) The calibration result reported in the certificate is valid at the time of and under the stated condition of measurement
2) The calibration certificate shall not be reproduced, except in full without written approval of JRTS Calibration Services

Calibrated By: Authorised By:

Plot No.C-4 C-5, Door No.G-1, Royal Garden, Sai Nagar, Chikarayapuram, Chennai, Tamil Nadu, 600069 | info@jrts.in | www.jrts.in +91 97875 23778 | GSTIN.33AAPFJ6140D1ZK UAM No.TN08 D00 66 100

Calibration Certificate of O_2 Meter



JRTS Calibration Services

Calibration Certificate

Certificate No. : JRTS/23-24/317

Customer's Name : M/S.Nature Science Foundation
Customer's Address : No. 2669, LIG-II, Gandhi Managar Peelamedu, Coimbatore - 641 004 Tamil Nadu, India.

Description of Instrument : Gas Analyzer

Make	Model No.	Sr. No	Id. No.	Gas Ranges		Resolution
Lutron	GCH-2018	S.007434	NA	CO_2	0 to 4000 ppm	1 ppm

Date of Receipt : 26 Oct 2023 Receipt Condition : Satisfactory
Date of Calibration : 27 Oct 2023
Location of Calibration : At Lab
Next Calibration Due Date : 26 April 2024
Work Instruction No. : JRTS-WI-01

Master Instrument Detail

Description	Make	Canister No.	Report No.	Validity
Dry Gas Mixture	EffecTech	1545569	1440/22-23/01	05 Dec 2023

The Standards used are traceable to National Standards.

Calibration Result

1)Performance Test @ 1000 ppm

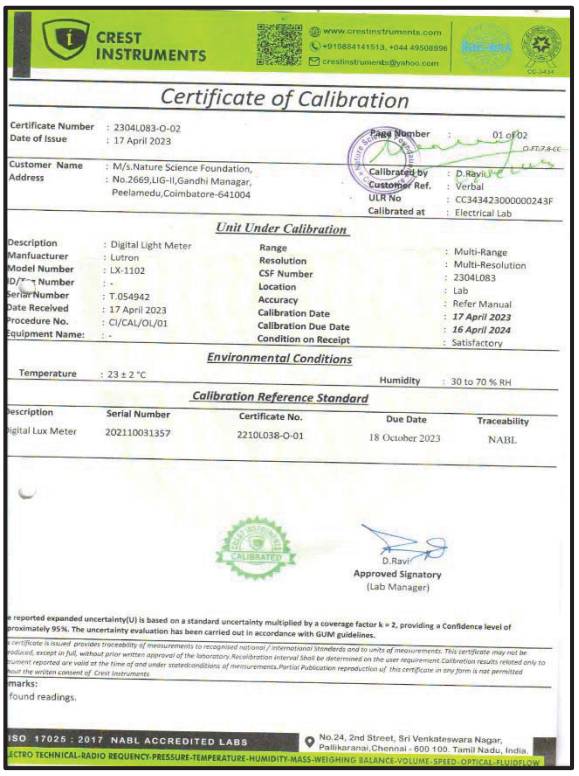
Gas Type	Standard Value (ppm)	DUC Reading (ppm)	Deviation (ppm)
CO_2 (ppm)	1000	980	-20

Remarks
1) The calibration result reported in the certificate is valid at the time of and under the stated condition of measurement
2) The calibration certificate shall not be reproduced, except in full without written approval of JRTS Calibration Services

Calibrated By: Authorised By:

Plot No.C-4 C-5, Door No.G-1, Royal Garden, Sai Nagar, Chikarayapuram, Chennai, Tamil Nadu, 600069 | info@jrts.in | www.jrts.in +91 97875 23778 | GSTIN.33AAPFJ6140D1ZK UAM No.TN08 D00 66 100

Calibration Certificate of CO_2 Meter



CREST INSTRUMENTS

www.crestinstruments.com
+919884141513, +044 49508896
crestinstruments@yahoo.com

Certificate of Calibration

Certificate Number : 2304L083-O-02
Date of Issue : 17 April 2023
Page Number : 01 of 02

Customer Name : M/s.Nature Science Foundation,
Address : No.2669,LIG-II,Gandhi Managar, Peelamedu,Coimbatore-641004

Calibrated by : D.Ravi
Customer Ref. : Verbal
ULR No : CC343423000000243F
Calibrated at : Electrical Lab

Unit Under Calibration

Description	: Digital Light Meter	Range	: Multi-Range
Manfuacturer	: Lutron	Resolution	: Multi-Resolution
Model Number	: LX-1102	CSF Number	: 2304L083
ID/[illegible] Number	: -	Location	: Lab
Serial Number	: T.054942	Accuracy	: Refer Manual
Date Received	: 17 April 2023	Calibration Date	: 17 April 2023
Procedure No.	: CI/CAL/OL/01	Calibration Due Date	: 16 April 2024
Equipment Name:	: -	Condition on Receipt	: Satisfactory

Environmental Conditions

Temperature : 23 ± 2 °C Humidity : 30 to 70 % RH

Calibration Reference Standard

Description	Serial Number	Certificate No.	Due Date	Traceability
Digital Lux Meter	202110031357	2210L038-O-01	18 October 2023	NABL

CALIBRATED

D.Ravi
Approved Signatory
(Lab Manager)

e reported expanded uncertainty(U) is based on a standard uncertainty multiplied by a coverage factor k = 2, providing a Confidence level of proximately 95%. The uncertainty evaluation has been carried out in accordance with GUM guidelines.

s certificate is issued provides traceability of measurements to recognised national / international Standards and to units of measurements. This certificate may not be produced, except in full, without prior written approval of the laboratory. Recalibration interval Shall be determined on the user requirement.Calibration results related only to sument reported are valid at the time of and under stated conditions of measurements.Partial Publication reproduction of this certificate in any form is not permitted hout the written consent of Crest Instruments

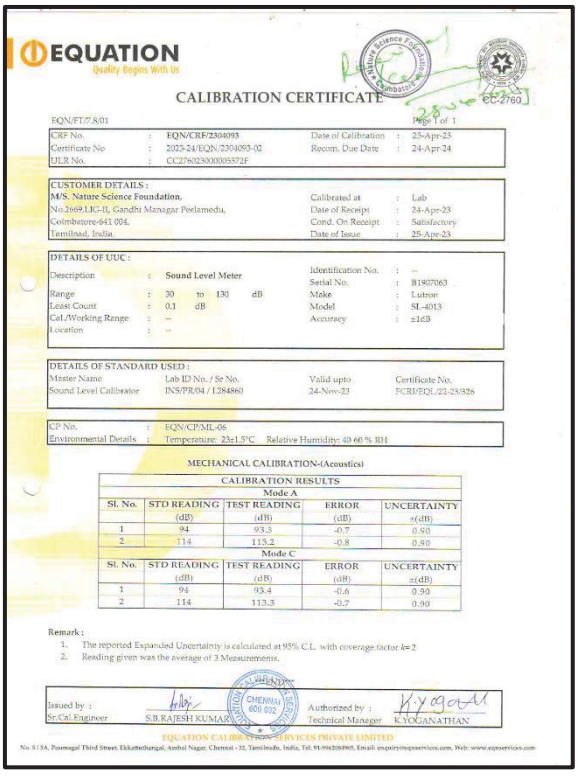
marks:
Found readings.

ISO 17025 : 2017 NABL ACCREDITED LABS

No.24, 2nd Street, Sri Venkateswara Nagar, Pallikaranai, Chennai - 600 100. Tamil Nadu, India.

ECTRO TECHNICAL-RADIO REQUENCY-PRESSURE-TEMPERATURE-HUMIDITY-MASS-WEIGHING BALANCE-VOLUME-SPEED-OPTICAL-FLUIDFLOW

Calibration Certificate of LUX Meter



EQUATION
Quality Begins With Us

CALIBRATION CERTIFICATE

CC-2760

EQN/FT/7.8/01 Page 1 of 1

CRF No.	: EQN/CRF/2304093	Date of Calibration	: 25-Apr-23
Certificate No	: 2023-24/EQN-2304093-02	Recom. Due Date	: 24-Apr-24
ULR No.	: CC276023000005572F		

CUSTOMER DETAILS :
M/S. Nature Science Foundation,
No.2669,LIG-II, Gandhi Managar Peelamedu,
Coimbatore-641 004.
Tamilnad, India.

Calibrated at : Lab
Date of Receipt : 24-Apr-23
Cond. On Receipt : Satisfactory
Date of Issue : 25-Apr-23

DETAILS OF UUC :

Description	: Sound Level Meter	Identification No.	: --
Range	: 30 to 130 dB	Serial No.	: B1907063
Least Count	: 0.1 dB	Make	: Lutron
Cal./Working Range	: --	Model	: SL-4013
Location	: --	Accuracy	: ±1dB

DETAILS OF STANDARD USED :

Master Name	Lab ID No. / Sr No.	Valid upto	Certificate No.
Sound Level Calibrator	INS/PR/04 / 128486)	24-Nov-23	FCRI/EQL/22-23/326

CP No. : EQN/CP/ML-06
Environmental Details : Temperature: 23±1.5°C Relative Humidity: 40-60 % RH

MECHANICAL CALIBRATION-(Acoustics)

CALIBRATION RESULTS

Mode A

Sl. No.	STD READING (dB)	TEST READING (dB)	ERROR (dB)	UNCERTAINTY ±(dB)
1	94	93.3	-0.7	0.90
2	114	113.2	-0.8	0.90

Mode C

Sl. No.	STD READING (dB)	TEST READING (dB)	ERROR (dB)	UNCERTAINTY ±(dB)
1	94	93.4	-0.6	0.90
2	114	113.3	-0.7	0.90

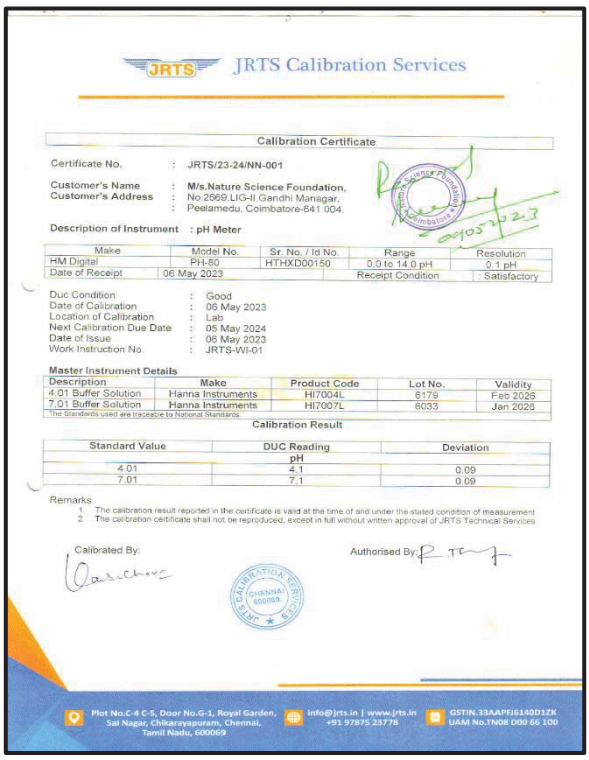
Remark :
1. The reported Expanded Uncertainty is calculated at 95% C.L. with coverage factor k= 2
2. Reading given was the average of 3 Measurements.

Issued by : Sr.Cal.Engineer S.B.RAJESH KUMAR
Authorized by : Technical Manager K.YOGANATHAN

EQUATION CALIBRATION SERVICES PRIVATE LIMITED

No. 5 / 3A, Poonagal Third Street, Ekkattuthangal, Ambal Nagar, Chennai - 32, Tamilnadu, India. Tel: 91-9962288985. Email: enquiry@eqnservices.com, Web: www.eqnservices.com

Calibration Certificate of Sound Level Meter



JRTS Calibration Services

Calibration Certificate

Certificate No. : JRTS/23-24/NN-001

Customer's Name : M/s.Nature Science Foundation,
Customer's Address : No.2669,LIG-II,Gandhi Managar,
Peelamedu, Coimbatore-641 004.

Description of Instrument : pH Meter

Make	Model No.	Sr. No. / Id No.	Range	Resolution
HM Digital	PH-80	HTHXD00150	0.0 to 14.0 pH	0.1 pH
Date of Receipt	06 May 2023		Receipt Condition	: Satisfactory

Duc Condition : Good
Date of Calibration : 06 May 2023
Location of Calibration : Lab
Next Calibration Due Date : 05 May 2024
Date of Issue : 06 May 2023
Work Instruction No. : JRTS-WI-01

Master Instrument Details

Description	Make	Product Code	Lot No.	Validity
4.01 Buffer Solution	Hanna Instruments	HI7004L	6179	Feb 2026
7.01 Buffer Solution	Hanna Instruments	HI7007L	6033	Jan 2026

The Standards used are traceable to National Standards

Calibration Result

Standard Value	DUC Reading pH	Deviation
4.01	4.1	0.09
7.01	7.1	0.09

Remarks
1. The calibration result reported in the certificate is valid at the time of and under the stated condition of measurement
2. The calibration certificate shall not be reproduced, except in full without written approval of JRTS Technical Services

Calibrated By: Authorised By:

Plot No.C-4 C-5, Door No.G-1, Royal Garden, Sai Nagar, Chikarayapuram, Chennai, Tamil Nadu, 600069 | info@jrts.in | www.jrts.in +91 97875 23778 | GSTIN.33AAPFJ6140D1ZK UAM No.TN08 D00 66 100

Calibration Certificate of pH Meter



JRTS Calibration Services

Calibration Certificate

Certificate No. : JRTS/23-24/NN-002

Customer's Name : M/s.Nature Science Foundation,
Customer's Address : No.2669,LIG-II,Gandhi Managar,
Peelamedu, Coimbatore-641 004.

Description of Instrument : TDS Meter

Make	Model No.	Sr. No.	Range	Resolution
HM Digital	TDS-3	NSF-TDS-1	0 to 9990 ppm	1 / 10 ppm
Date of Receipt	06 May 2023		Receipt Condition	: Satisfactory

Duc Condition : Good
Date of Calibration : 06 May 2023
Location of Calibration : Lab
Next Calibration Due Date : 05 May 2024
Date of Issue : 06 May 2023
Work Instruction No : JRTS-WI-01

Master Instrument Details

Description	Make	Product Code	Lot No.	Validity
Conductivity Solution	Thermofisher Scientific	EC442100CBT	221/01	Jun 2025

The Standards used are traceable to National Standards

Calibration Result

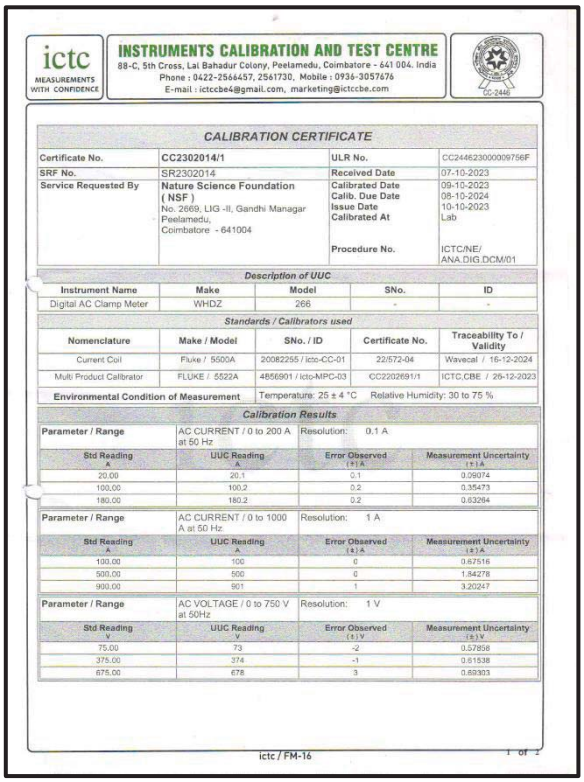
Standard Value	DUC Reading ppm	Deviation
1000	989	11

Remarks
1. The calibration result reported in the certificate is valid at the time of and under the stated condition of measurement
2. The calibration certificate shall not be reproduced, except in full without written approval of JRTS Technical Services

Calibrated By: Authorised By:

Plot No.C-4 C-5, Door No.G-1, Royal Garden, Sai Nagar, Chikarayapuram, Chennai, Tamil Nadu, 600069 | info@jrts.in | www.jrts.in +91 97875 23778 | GSTIN.33AAPFJ6140D1ZK UAM No.TN08 D00 66 100

Calibration Certificate of TDS Meter



ictc MEASUREMENTS WITH CONFIDENCE

INSTRUMENTS CALIBRATION AND TEST CENTRE
88-C, 5th Cross, Lal Bahadur Colony, Peelamedu, Coimbatore - 641 004. India
Phone : 0422-2564457, 2561730, Mobile : 0936-3057676
E-mail : ictccbe4@gmail.com, marketing@ictccbe.com

CC-2446

CALIBRATION CERTIFICATE

Certificate No.	CC2302014/1	ULR No.	CC244623000009756F
SRF No.	SR2302014	Received Date	07-10-2023
Service Requested By	Nature Science Foundation (NSF) No. 2669, LIG -II, Gandhi Managar Peelamedu, Coimbatore - 641004	Calibrated Date Calib. Due Date Issue Date Calibrated At Procedure No.	09-10-2023 08-10-2024 10-10-2023 Lab ICTC/NE/ ANA.DIG.DCM/01

Description of UUC

Instrument Name	Make	Model	SNo.	ID
Digital AC Clamp Meter	WHDZ	266	-	-

Standards / Calibrators used

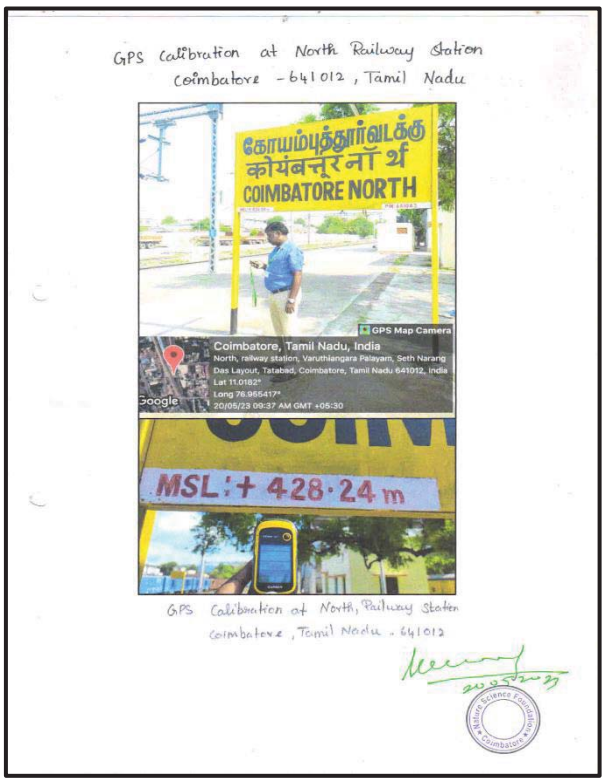
Nomenclature	Make / Model	SNo. / ID	Certificate No.	Traceability To / Validity
Current Coil	Fluke / 5500A	20082255 / ictc-CC-01	22/572-04	Wavecal / 16-12-2024
Multi Product Calibrator	FLUKE / 5522A	4856901 / ictc-MPC-03	CC2202691/1	ICTC,CBE / 26-12-2023
Environmental Condition of Measurement	Temperature: 25 ± 4 °C	Relative Humidity: 30 to 75 %		

Calibration Results

Parameter / Range	AC CURRENT / 0 to 200 A at 50 Hz	Resolution: 0.1 A	
Std Reading A	UUC Reading A	Error Observed (±) A	Measurement Uncertainty (±) A
20.00	20.1	0.1	0.09074
100.00	100.2	0.2	0.35473
180.00	180.2	0.2	0.63264
Parameter / Range	AC CURRENT / 0 to 1000 A at 50 Hz	Resolution: 1 A	
Std Reading A	UUC Reading A	Error Observed (±) A	Measurement Uncertainty (±) A
100.00	100	0	0.67516
500.00	500	0	1.84278
900.00	901	1	3.20247
Parameter / Range	AC VOLTAGE / 0 to 750 V at 50Hz	Resolution: 1 V	
Std Reading V	UUC Reading V	Error Observed (±) V	Measurement Uncertainty (±) V
75.00	73	-2	0.57858
375.00	374	-1	0.61538
675.00	678	3	0.69303

ictc / FM-16 1 of 2

Calibration Certificate of Digital Clamp Meter



GPS Calibration at North Railway Station
Coimbatore - 641012, Tamil Nadu

GPS Calibration at North, Railway Station
Coimbatore, Tamil Nadu - 641012

In-service check of GPS Meter

1.8. Use of Personal Protective Equipment (PPE)

Personal Protective Equipment (PPE) refers to protective clothing for the eyes, head, ears, hands, respiratory system, body, and feet. It is utilized to protect individuals from the risks of injury while minimizing exposure to chemical, biological, and physical hazards. PPE serves as the final line of defense when engineering and administrative controls are insufficient in reducing risks. Nature Science Foundation safeguards all the auditors by supplying PPE during the conduct of audits. PPE used are safety jackets, ear plugs, googles, face shield, hand gloves, shoes, etc.,

1.8.1. Safety jackets:



PPE includes safety vests and suits that can be used for inspection process which will protect body injuries from extreme temperatures, flames and sparks, toxic chemicals, insect bites and radiation.

1.8.2. Goggles and Face shield:



Goggles and face shield are used in the inspection process while inspecting items which would cause eye damage or loss of vision, spray or toxic liquids especially in chemistry labs, nearing the electric and electronic item.

1.8.3. Helmet:



PPE includes hard hats and headgears which will be required for tasks that can cause any force or object falling to the head. It also helps to resist penetration.

1.8.4. Hand gloves:



PPE includes safety gloves and should be used for tasks that can cause hand and skin burns, absorption of harmful substances, cuts, fractures or amputations**.** Selection of hand gloves is based on the application of use.

1.8.5. Safety Boots:

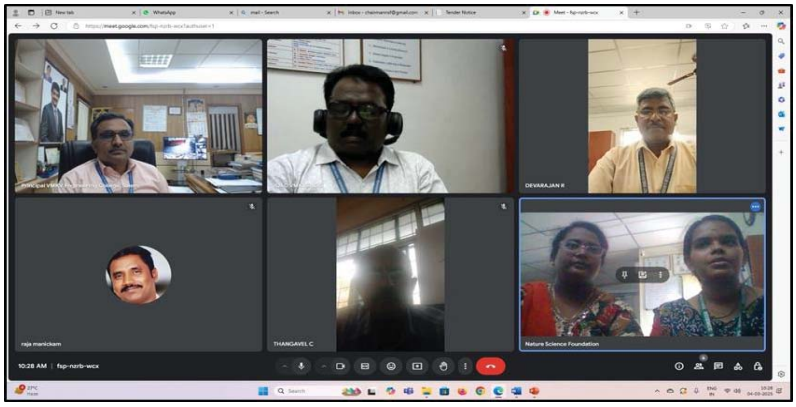


Foot protection is one of the most commonly used PPE and can differ depending upon the environment. Safety boots are used for tasks that can cause serious foot and leg injuries from falling or rolling objects, hot substances, electrical hazards, and slippery surfaces.

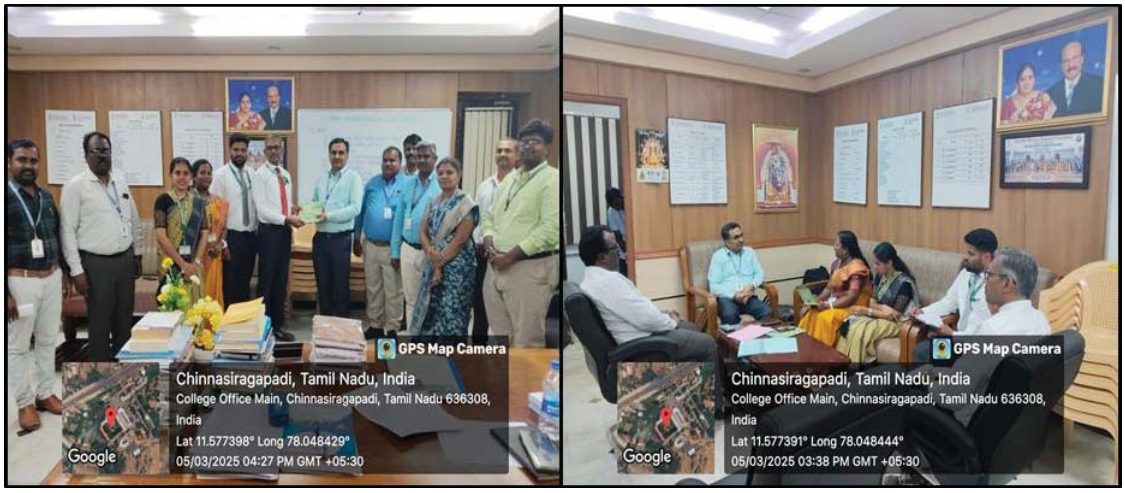
1.8.6. Ear Plug:



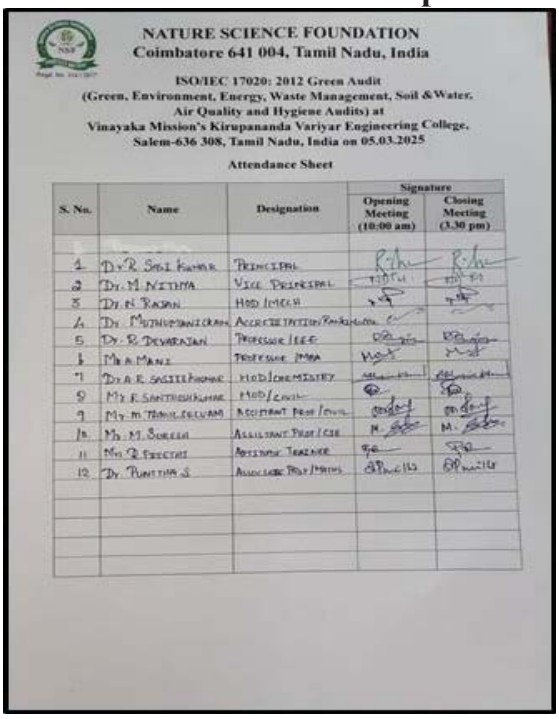
Ear plugs are used for tasks that can cause hearing problems and loss of hearing. Hearing protection devices reduces the noise energy reducing reaching and causing damage to the inner ear. This ear plug is mostly used near sound producing devices like power motors, genets, generators, etc.,



Online meet with the Principal and Coordinator of Vinayaka Mission's Kirupananda Variyar Engineering College to explain the importance and document preparation for Green audit in line with National Building Code Part 11 (Approach to Sustainability)



Opening and closing meetings with the Head of the Organization, NAAC / IQAC Coordinators and NSF Inspection Team



NATURE SCIENCE FOUNDATION
Coimbatore 641 004, Tamil Nadu, India

ISO/IEC 17020: 2012 Green Audit
(Green, Environment, Energy, Waste Management, Soil & Water, Air Quality and Hygiene Audits) at
Vinayaka Mission's Kirupananda Variyar Engineering College, Salem-636 308, Tamil Nadu, India on 05.03.2025

Attendance Sheet

S. No.	Name	Designation	Signature: Opening Meeting (10:00 am)	Signature: Closing Meeting (3.30 pm)
1	Dr.R. Sasi Kumar	Principal		
2	Dr.M. Nithya	Vice Principal		
3	Dr.N. Rajan	HOD IMECH		
4	Dr. Muthuperumalkrishnan	Accreditation/Ranking		
5	Dr.R. Devarajan	Professor IEEE		
6	Mr.A. Mani	Professor IMBA		
7	Dr.A.R. Sasikumar	HOD/Chemistry		
8	Mr.E. Santhoshkumar	HOD/Civil		
9	Mr.M. Thanigaivelan	Assistant Prof/Civil		
10	Mr.M. Suresh	Assistant Prof/CSE		
11	Mrs.R. Preethi	Assistant Teacher		
12	Dr. Punitha S	Associate Prof/Maths		

Opening and closing meeting attendance sheet

2. GREEN AUDIT

2.1. Introduction

Green audit ensures the Organization's campus should have greenish with large diversity of trees, herbs, shrubs, climbers and lawns to reduce the environmental pollution and soil erosion; it is also useful in relation to biodiversity conservation, landscape management, irrigation/economic water utilization and maintenance of natural topography besides vegetation. For the benefit of stakeholders, solid waste management, recycling of water, disposal of sewage and waste materials (electronic and biomedical wastes), 'zero' use of plastics, single use plastic items, etc. should be followed consistently in the organization campus. Green Audit procedures includes the definition of green audit, methodology on how to conduct green audit at Educational Institutions and Industrial sectors as per the checklist based on National Building Code (NBC) Part 11 - Approach to sustainability and assessment of risk at 360^{o} view.

2.2. Importance of green audit

The Management of the Organization (Auditee) should be exposed their inherent commitment towards making ecofriendly atmosphere through the green auditing and ready to encourage/follow all types of green activities. A clean and healthy environment will enhance an effective teaching/learning process. They shouldcreate the awareness on the importance of greenish initiatives through environmental education among the student members and research scholars. Green audit is the most effective, ecological approach to manage environmental complications (Rajalakshmi *et al*., 2023). Green audit is a kind of professional care and a simple indigenized system about the environment monitoring in terms of planting more number of trees which is a duty of each and every individual who are the part of economical, financial, social and environmental factors. Green audit is a professional and useful measure for an Organization to determine how and where they are retaining the campus eco-friendly manner. It can also be used to implement the alleviation measures at win-win situation for the stakeholders and the planet. It provides an opportunity to the stakeholders for the development of ownership, personal and social responsibility.

2.3. Green audit observations

- It is observed that the Organization has wheelchair, Ramp walk facilities for disabled and different age group people. Lift facility is under process.
- Monitoring plan is available for the periodic checking at proper time interval to maintain sustainability.
- Adequate training and awareness programmes are conducted to the Stakeholders for sustainable development at all stages of building life cycle.
- More than 30% of open space is maintained as soft scapes (vegetation) to lower the energy conservation in the campus.
- Land scape design are planned to maintain the natural capacity of the site.
- Vegetation are available around the building to reduce energy consumption and maintain indoor climates.
- Soil health is maintained well without using any chemical fertilizers.
- Ecological design / conserving biodiversity such as Transplantation, climate

and design in accordance with bio diversity, reduced pesticides and other activities are applicable because new construction is planned and raised.

- Herbal garden are available in the campus to maintain sustainability.
- Plant and animal species are monitored by conducting the periodic survey in the Organization.
- Traffic survey is conducted to measure the number and type of vehicles passing on the existing main roads giving access to the campus.
- Garden need to be strengthen with Name Boards for Plants.
- Irrigation system strengthening is essential for sustainable development.

2.3.1. Facilities for Human Comforts (NBC checkpoint 3.2. and 3.9.)

As per the National Building Code part 11 (Approach to Sustainability) under elements of sustainability quality of plumbing services and buildings are maintained in line with the standard. Wheel chair and ramp walk facilities are implemented for the benefit of disabled and different age group people. As no blind persons are observed in the campus divyang (blind) reading software, signages are not available. Water management, waste management, operation and maintenance plan are not followed to maintain sustainability as per the standard.



Wheel Chair observed for the comfort of person with disability.

2.3.2. Natural topography, vegetation and monitoring (NBC checkpoint 6.2.4.)

Natural topography means the original geographical features and natural resources of the Site. It is observed that the organization has the natural features like rocks, water resources, slopes, landscape, pathways, etc. Vegetation is the cultivation of a bunch of plants irrespective of the plant *taxa* for the covering of the area or ground topography. The observation at the campus indicated that there are more than 40% natural topography and vegetation. Monitoring plan for maintaining the vegetation and sustainability are evident through separate operation and maintenance team & their records for regular watering as per the micro climatic condition through irrigation.



Natural Topography and Vegetation at the Campus

2.3.3. Landscape design and soil erosion control (NBC Checkpoint 7.1.1. – 7.1.3.)

Landscape design is an important feature for any disasters to control especially with respect to the soil erosion. In general, soil erosion occurs if the design of the land is not altered so as to prevent the slope features by strong vegetation and use of a plant buffer zone as safe for escape of nutrients or fertilizers entering the streams. Observation revealed that the audited site has very good landscape design without disturbing the natural vegetation. Contour ploughing is being done at right angles to the slope wherever possible and ridges and furrows are properly maintained to break the flow of water down to the empty land. These activities are widely adopted to control soil erosion in the campus. Microclimatic conditions are considered, during winter season irrigation and watering to plants are controlled as per the water management plan. External landscapes are designed based on the shading pattern of the building. Green vegetation are available around the building to reduce the energy consumption.

2.3.4. Establishment of different gardens, vertical landscaping and roof gardens (NBC Checkpoint 7.1.1. – 7.1.3.)

It is observed that Organization has implemented and maintaining gardens to lower the energy consumption. To maintain certain biomass critical for human health and also to reduce the bio-retention through water flow rates different types of gardens like Herbal & Medicinal Garden is implemented in the campus.



Herbal & Medicinal Garden observed in the Campus

2.3.5. Survey of Flora and Fauna (NBC Checkpoint 12.4.5. and 12.4.6.)

Ensuring the rich biodiversity in the green campus is an important parameter which reflects the real-time ecosystem. In general, plants improve the outdoor air quality with increased oxygen levels and reduced temperature and carbon dioxide. The record on maintenance of the plant biomass and its management are important with respect to green campus initiatives. The existence of such plants in the green campus are recorded for the rich flora which are being considered as a value addition to the campus.

3. ENVIRONMENT AUDIT

3.1. Introduction

Environmental (Eco) audit is quantitative and qualitative data to track air, soil and water and to gain actionable insights to improve the operational performance in the atmosphere. It provides a 360˚ view of a surrounding campus and makes it easy for Owners / Managers / Environmentalists to collaborate, measure, control and reduce environmental negative impacts. Finally, it leads to enhance the quality of life of all living organisms. Eco audit initiatives are the need of the hour across the world due to changing environmental conditions and global warming besides ever-increasing human population and anthropogenic activities (NCP, 2016). Eco audit aims to make a sustainable and friendly environment for the stakeholders. In this context, to conserve eco-friendly atmosphere of an organization, well-developed environmental objectives and targets should be undertaken to reduce the harmful effects to a greater extent (Gnanamangai *et al*., 2021).

The audit process can remarkably minimize the environmental pollution in the campus which in turn reduces the impact of global warming scenario. As per the Rules and Regulations laid by Government, the environmental legislations should be followed by all the Institutions and Organizations and make sure that their activities should not degrade the environment. The environmental audit involves systematic documentation of periodic objective review by a regulated entity on available facilities, their operations and practices related to resolve the environmental requirements. In general, environmental audit is planned to achieve an optimum resource utilization and improved process performance in the audit sites. Venkataraman (2009) stated that it is a 'Common Sense Approach' to identify the problems and solve those problems pertaining to curb eco-friendly atmosphere. Environmental audit enables an overall and complete overview at the audit sites to facilitate our understanding of flow of materials and to focus the priority areas where waste reduction is achieved thereby cost saving is made possible.

Purpose of the audit is to determine performance of the environmental management systems and equipmentrelated to environmental safety. Audit reports can provide key information to the management in relation to risk areas, progress towards strategic objectives and targets. Audit work can be undertaken voluntary for the benefit/advantage of the company and it can be executed with the help of environmental auditing authorities. As mentioned earlier, it helps in the proper natural resource utilization and on the whole, it improves the quality of environment.

An environmental auditor will study an organization's performance towards the environmental sustainability in a systematic manner where environmental management systems and equipment are performing with the aims of a) facilitating management control of environmental practices, b) assessing compliance with company policies, c) facilitating professional competence, d) sustenance activities without harming the environment and e) practicing the environmental conservation.

3.2. Organization Details

Table 1. Campus details

S.No.	Details / Descriptions	Quantity
1.	Total strength of Students	2097
2.	Total strength of Employees	301
3.	Total number of Buses in the campus	04
4.	Number of Cars entering in the campus	102
5.	Number of Motorcycles entering in the campus	100
6.	Number of other vehicles (Lorry, Ambulance, Jeep, Trucks, Cranes, Poclain, and etc. entering in the campus)	80
7.	Number of E-Vehicles	05
8.	Number of RO Water Plants	01
9.	Number of Borewells	05
10.	Number of Open wells	01
11.	Number of Water reservoirs	01
12.	Number of Wastewater treatment facility	01
13.	Number of Rain harvesting system	06
14.	Number of Composting pits and Vermicompost units	02

3.3. Environment audit observations

- The construction is proposed based on the applicable climatic zone and geological conditions.
- Human comforts are implemented and observed like wheel chair, fire safety, etc.,
- To reduce the demand of water, rain water harvesting system is implemented.
- Training and awareness programmes records are available to maintain sustainability.
- Fire extinguishers are available in the building to consider the safety of all the Stakeholders.
- AMC for fire extinguishers are not available.
- It is observed that the mock drills and awareness programmes are conducted for disaster management but need more training programmes for safety measures.
- Parking is provided under the tree shade to reduce the Heat Island effect (Temperature).
- Use of potable and non-potable waters are identified and differentiated to conserve water.
- Public transport facilities are available in the campus to control air pollution.
- E-vehicle are available in the campus.
- Zebra crossing may be implemented in the campus.
- Sign boards regarding eco-friendly campus need to be initiated.
- Biogas Plant, Sewage treatment plant and Vermicomposting units are not available in the campus.

3.3.1. Integrated Water Management System (NBC Checkpoint 3.7. and 7.2.1.)

Water is one of the major source of living. Per captia water consumption in the building is calculated as per the water management plan (litres / person/ day). To reduce the demand of water consumption rain water harvesting unit is implemented and practiced.

3.3.2. Corporate Governance (NBC Checkpoint 3.10.)

Training and awareness programmes are conducted to the stake holders to maintain sustainability. Some of the programmes conducted by the Organization are child safety awareness program and Medical camp.



Awareness programmes organized by the Campus

3.3.3. Safety measures and green building conservation code (NBC Checkpoint 3.11.)

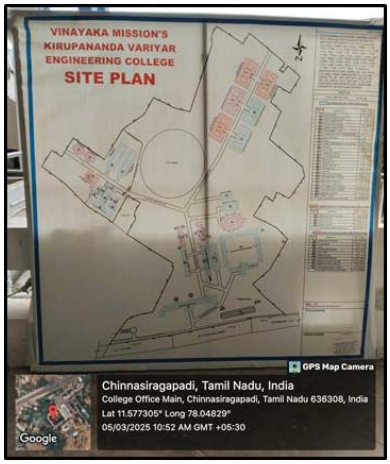
Environmental safety measures are very important in the buildings as far as students, staff members and other stakeholders are concerned and it requires vigilance and awareness. Management should extend by issuing guidance and the best safety tools. The organization has have a police force, escort services, call boxes, first aid box, fire extinguishers, fire alarms, security systems and staffs towards the safety measures. Organization has very good safety measures as per the green building conservation code such as fire extinguisher and fire bell and alarms in all the place. In addition, in all the place, ‘Exit’, ‘Entry’ and other sign boards kept across the place to give safety to the stakeholder. Regular mock drill and awareness programmes are conducted at regular intervals considering the safety of stake holders. Disaster management plan and emergency preparedness are not available as the safety of the stakeholders.



Fire extinguisher , Fire Hose Reels and first aid kit observed inside the campus

3.3.4. Applicability and Implementation (NBC checkpoint 4 and 5)

Guidelines of Architect, Designer and Civil contractor for the existing building addresses the choice of material, design methodology, operation and maintenance related options, etc., and also addresses the applicability of National Building Code.



Guidelines of Architect, Designer and Civil contractor for the existing building available in the campus

3.3.5. Parking facilities to reduce Heat Island Effect (NBC checkpoint 7.4.1.)

Heat island effect denotes the temperature level. It is observed that the vehicles are parked under the Tree shade to reduce the heat island effect for the benefit of stakeholders and to maintain sustainability. To reduce the heat island effect parking areas are made up of high albedo materials with light coloured paints observed in the organization.



Vehicles parked under the tree shades to reduce the carbon emission

3.3.6. Public transport, low emitting vehicles and control of car smokes (NBC Checkpoint 7.4.1. – 7.4.7)

The audited Organization is provided E- Vehicles to maintain eco-friendly environment in the campus and to reduce carbon dioxide emissions. Apart from the e-vehicles, students are encouraged to use bicycles. The tree species are planted abundantly to provide shade to the pedestrian.



E-Vehicles observed inside the campus

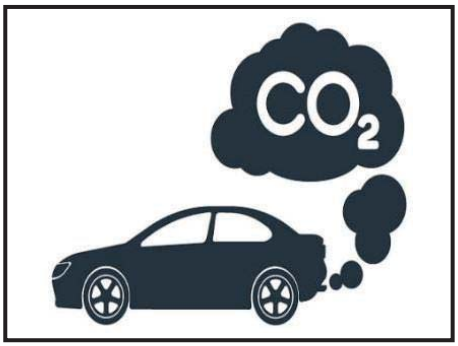
3.3.7. Pedestrian path facility at the campus (NBC Checkpoint 7.4.3.)

The concept of pedestrian path is to give safe space to walk freely by the pedestrian. It is very important in the green campus in terms of freely walk pedestrians or people going on foot without any obstacles. The pedestrian path is otherwise called as zebra crossing by the combination of black and white stripes remained to characterize the zebra. In addition, pedestrian path is created in the green campus along with road side which meant for walking only using special cement bricks and stones. The pedestrian path aims to end circulation not only cars, buses, vans, trucks and other vehicles but also giving safe space to the pedestrians, where cross and pass through blocks and also forcing vehicles to comply with it. The audited organization is having very good facility in creating pedestrian path for stakeholders with all the facilities such as accessible public toilets, barrier free environment, dustbins, stone benches, etc. Use of bicycles are encouraged in the Campus to control carbon emission and air pollution.



Stone benches available in the campus

3.3.8. Carbon footprint



Carbon footprint means measuring/recording the greenhouse gases (GHG) emissions of an organization within its defined boundary. Observations on carbon dioxide and oxygen levels monitored in different parts of the campus are presented under Air Quality Audit section while observation on carbon footprint due to electricity usage per year at the Organization along with other fossil fuel utility are presented under Energy Audit portion of this Technical Report.

3.3.9. Selection of Building Material (NBC checkpoint 9.1. – 9.3.)

Building materials are selected as per the Guidelines to Architect, Designer and Civil contractors. Low carbon emitting cements, bricks, etc., are used for the construction and recycled glass materials are used for windows. Construction material are not stored in the campus. Existing building service life plan is not available and all are as per the National Building Code.

3.3.10. Waste and Water management activities (NBC Checkpoint 10.1.)

Management of water and waste are the two important parameters which plays a vital role to maintain sustainability. Rainwater harvesting is implemented and not maintained properly for water conservation. It is observed that colored dustbins are used in the Organization to segregate the waste at the source of generation.



Waste management activities in the Campus

3.3.11. Post Occupancy maintenance

Post occupancy maintenance is the activities performed after the completion of construction work and handed over to the owner for further maintenance. The following activities are observed during the onsite visit as post occupancy maintenance

- Vegetation and plants are maintained properly with regular watering.
- Soil is maintained well without adding any chemical fertilizers and pesticides.

- Rainwater harvesting is available to meet the demand of water consumption.
- To reduce the energy consumption HVAC system are maintained properly.
- Considering the safety of the stakeholders ambulance, health care room facilities are available.



Ambulance and Health care room observed in the campus

4. ENERGY AUDIT

4.1. Introduction

An energy audit is a survey in which the study of energy flows for the purpose of conservation is examined at an organization. It refers to a technique or system that seeks to reduce the amount of energy used in the Organization without impacting the output. The audit includes suggestions of alternative means and methods for achieving energy savings to a greater extend. Conventionally, electrical energy is generated by means of fossil fuels, hydraulic and wind energy. The availability of fossil fuels and their depletion rate, insist the need for alternate energy systems and conservation of conventional electricenergy. In general, the primary objective of an energy auditing and management of energy consumption is to offer goods or services at the lowest possible cost and with the least amount of environmental impact.

Energy Conservation Building Code (ECBC) is established in the year 2017, which provides minimum requirements for the energy-efficient design and construction of buildings across India. It also provides two additional sets of incremental requirements for buildings to achieve enhanced levels of energy efficiency that go beyond the minimum requirements. Bureau of Energy Efficiency (BEE) came into force in 2002 towards implementation of energy saving practices in an organization. Energy-efficiency labels are information affixed to manufactured products and usually communicate the product energy performance.

BEE Star Rating Scheme is based on actual performance of the building as well as equipment in terms of specific energy usage termed as 'Energy Performance Indicator' by means of star ratings labelled items used which will be useful for energy savings in a sustainable manner (Mishra and Patel, 2016). Energy audit programme provide aid in maintaining a focus on energy price variations, energy supply availability and efficiency, determining an appropriate energy mix, identifying energy-saving technology, retrofitting for energy-saving equipment and so on (Gnanamangai *et al*., 2021). In general, an energy audit process dealt with the driving energy conservation concepts into reality by giving technically possible solutions within a specified time limit while considering the economic and other organizational issues. It also dealt with the uncover ways to cut operating expenses or reduce energy use per unit of production interms of savings. It serves as a "benchmark" for managing energy in the organization for planning more energy-efficient use across the board.

4.2. Energy audit observations

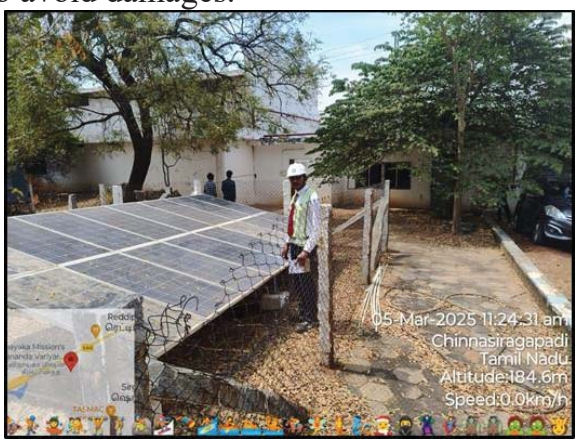
During onsite audit following departments were verified for physical facility availability.

- Adequate awareness programmes are organized and conducted to the stakeholders for the proper handling and maintenance of the appliances.
- Adequate external and vertical shading are provided to conserve energy.
- Natural ventilation through windows and shading is available adequately to reduce the energy consumption.
- It is observed that large foliage trees are planted inside the campus to reduce noise pollution.

- Low emitting lights are fixed as per the LPD mentioned in National Building Code (NBC) Part -11(Approach to Sustainability) for safety and comfort.
- External and internal signage lifts are differentiated to conserve energy.
- 'Danger' and 'warning boards' are available near generator and UPS.
- Building Integrated Photovoltaic system like power storage system, backup power supplies, wiring and safety disconnects are available.
- Adequate HVAC and day lighting facilities are observed.
- Outside air is introduced through windows for ventilation in the conditioned spaces.
- The sub metering system need to be install in more places of campus.
- Three star rated appliances (AC, Air cooler, Refrigerator, etc.,) are procured to conserve energy.
- The fluorescent (tube) lights are replaced with LED lights to conserve energy is under progress.
- Awareness posters like 'Turn off when not in use', 'Save Energy', etc., to be place to promote awareness for conserving energy in the campus.
- Sensors need to be implement to conserve energy.
- Operation and maintenance manual are observed in the on-site.
- No emissions and leaks are observed
- Instruments and equipment are properly calibrated and maintained.
- Noise level observed in the different location resulted in normal range.
- Adequate training and awareness programmes are conducted to the stakeholders for energy conservation.
- To optimize the energy campus has implemented solar panel, operation and maintenance, etc.
- Standard Operating Procedure for electrical instruments are not available in the campus.

4.2.1. Energy Efficient Design and Process (NBC Checkpoint 3.5, 3.6 & 3.8.)

In the campus, it is observed that for lighting, cooling and ventilation renewable sources of energy like solar panel, water heater, etc., are used. Local resources are made available in post occupant stage as per the operation and maintenance plan. Standard Operating Procedures for UPS, AC are available to conserve energy and to avoid damages.



Solar panel observed in the campus

4.2.2. Lighting facilities (NBC Checkpoint 6.2.2 – 6.2.10, 7.1.1.2 and 7.5)

External shading facilities are made based on the sun path to reduce the energy consumption. Day light integration is implemented in the building by placing adequate number of windows. Electrical lighting facilities during day time increases the energy consumption, it is observed that sufficient day lighting facilities are available through windows which in turn reduce the energy consumption bill of the Organization. Artificial lighting facilities are regularly monitored and maintained. In some areas sensor lights are implemented to save energy. External and internal signage lifts are made up of recycled material with maximum light intensity. In the buildings windows head are higher to penetrate day light.



Natural Lighting facilities observed during day time

4.2.3. Building Service Optimization (NBC Checkpoint 11)

To save energy in the buildings there should be a proper plan for HVAC system. In the organization it is observed that adequate natural ventilation is implemented and practices. In some places exhaust fans are used for ventilation especially in the canteen and laboratories. To reduce the heat inside the building shading patterns are maintained by planting trees in and around the campus. Solar panels are implemented at the roof top to reduce the heat and to save energy. Air conditioning are provided at specific areas. Energy conservation plays an vital role in maintaining the sustainability. It is observed that the Organization has replaced all the tube light with CFL / LED lamps, has proper metering and submetering facilities, availability of BEE star rated appliances in Air cooler, lift, AC, generator, etc., Solar water heater and panels are implemented to conserve energy. Instruments and meters are properly maintained and calibrated at regular intervals or annual maintenance plan is observed as one of the energy saving opportunity. Adequate energy saving awareness programmes are conducted to the stakeholders. Emissions and leaks are monitored through operation and maintenance manual.



Energy conservation facilities observed in the Campus

4.2.4. Energy consumption and cost profile (NBC Checkpoint 12.3.4.)

The following chart shows the profile of energy consumed and the cost for one year by the auditee (Figures 1 & 2; Table 2).

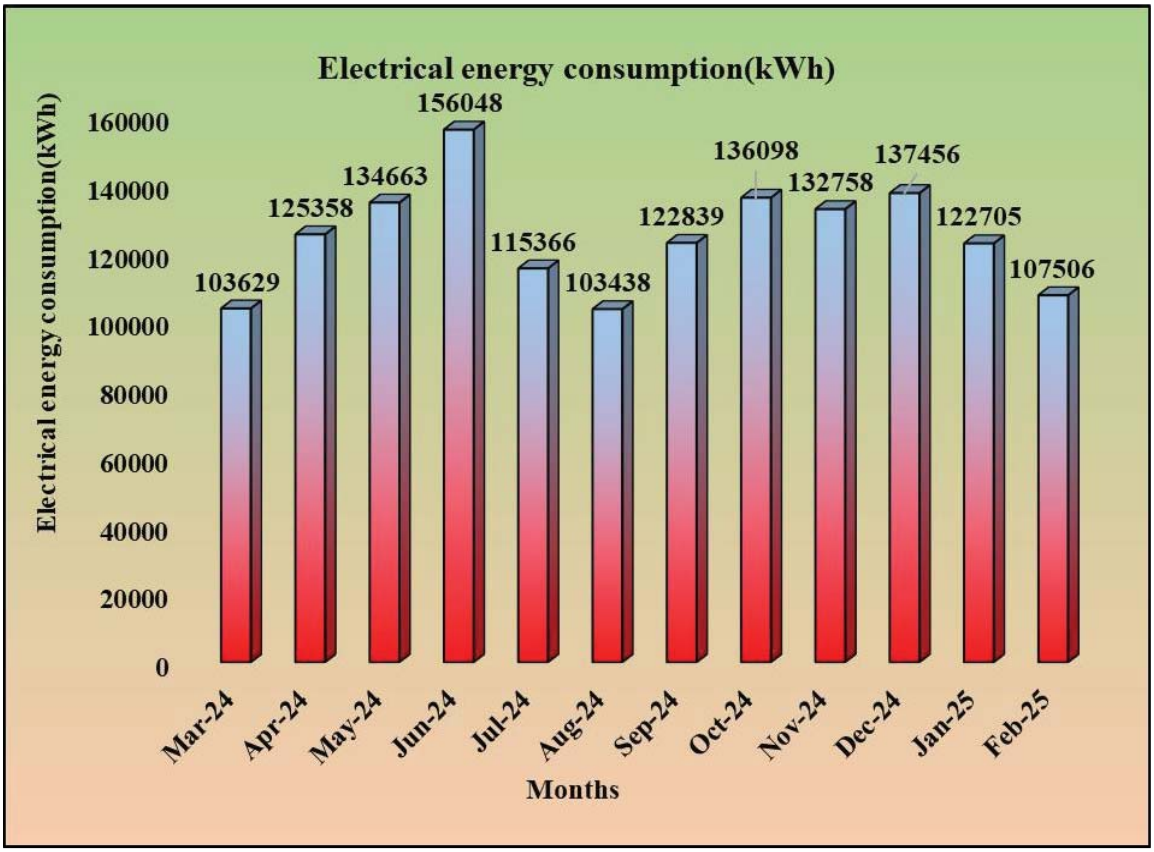


Figure 1. Electrical energy consumption profile

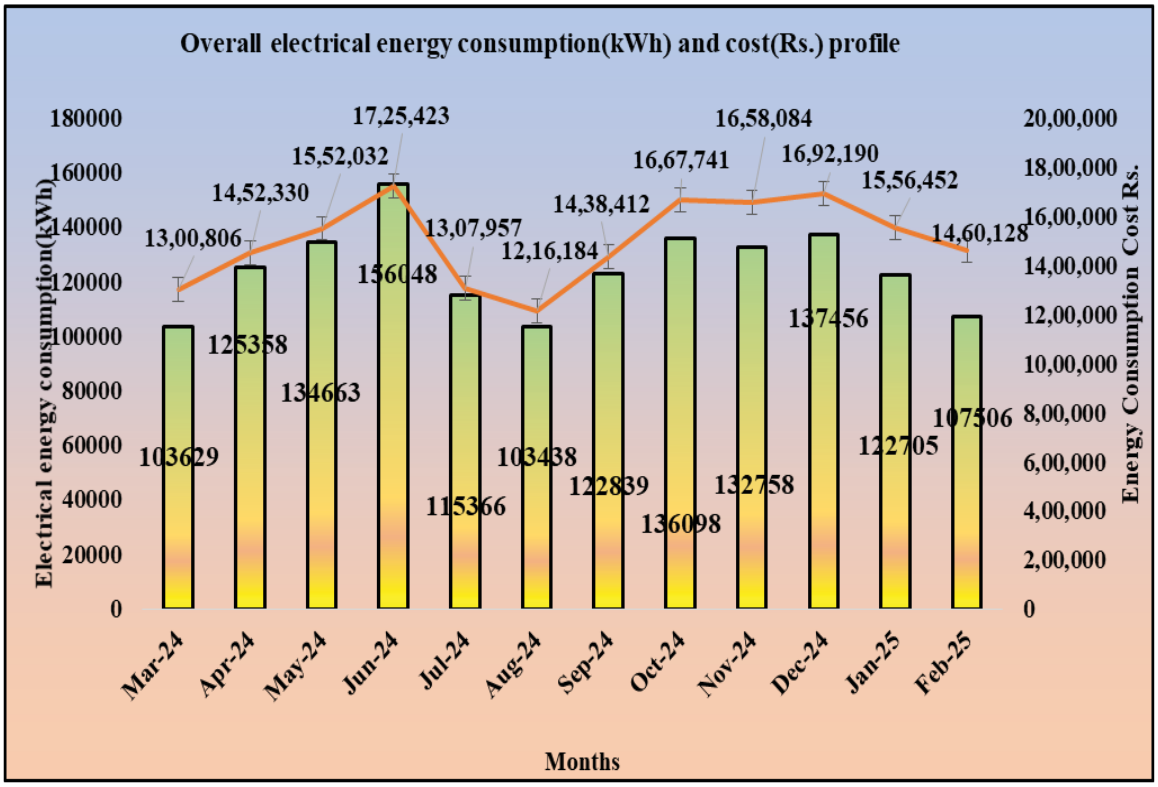


Figure 2. Overall electrical energy consumption and cost profile

Table 2. Electrical energy consumption and cost profile in the Institution

S. No	Months	Rating / Capacity units in kWh	Cost in Rs.
1.	March 2024	103629	13,00,806
2.	April 2024	125358	14,52,330
3.	May 2024	134663	15,52,032
4.	June 2024	156048	17,25,423
5.	July 2024	115366	13,07,957
6.	August 2024	103438	12,16,184
7.	September 2024	122839	14,38,412
8.	October 2024	136098	16,67,741
9.	November 2024	132758	16,58,084
10	December 2024	137456	16,92,190
11.	January 2025	122705	15,56,452
12.	February 2025	107506	14,60,128

4.2.5. Power consuming equipment and electrical appliances

Other than electrical energy from grid, energy generated using fossil fuels for the year are presented in the Table 3.

Table 3. Annual Energy Consumption of Fuels in the College

S. No	Month	Diesel consumption (Liters)	Petrol consumption (Liters)	LPG consumption (kg)
1	March 2024	605.95	250.57	3705
2	April 2024	666.53	209.67	4066
3	May 2024	727.67	242.99	4370
4	June 2024	624.27	199.56	3952
5	July 2024	660.01	246.02	3420
6	August 2024	532.33	155.64	2831
7	September 2024	578.33	205.85	3800
8	October 2024	675.87	190.79	4237
9	November 2024	722.96	169.64	4256
10	December 2024	839.06	180.75	4560
11	January 2025	797.04	145.67	4370
12	February 2025	792.73	134.85	3705

4.2.6. Carbon footprint

The carbon footprint per year is calculated (www.carbonfootprint.com) based on electricity usage per year in which CO_2 emission from electricity and the sum of transportation per year in terms of number of the shuttle buses service operated by the Organization and number of cars, motorcycles and trucks entering in the Organization campus. These factors are multiplied with total number of trips in each day and approximate travel distance of vehicles covered in each day with a coefficient (0.01) to calculate the emission of CO_2 in metric tons per year. Humans contribute to a massive increase of carbon dioxide emissions by burning fossil fuels, deforestation, and other industrial activities.

4.2.7. Calculation of carbon footprint

The carbon footprint analysis can be calculated based on the earlier reports as stated in www.carbonfootprint.com which is the sum of electricity usage per year. According to the data provided by the Management, carbon emission due to electricity consumption and fossil fuels are presented hereunder.

The CO_2 emission from electricity

= (electricity usage per year in kWh/1000) x 0.84, where 0.84 is the coefficient to convert kWh to metric tons

= (1497864 kWh/1000) x 0.84

= 1258.20 metric tons

According to the above calculations, carbon emission due to electricity usage per year accounts for 1258.20 metric tons.

Transportation per year (Shuttle)

= (Number of the shuttle vehicle in the campus x (2) x total trips for shuttle bus service each dayx approximate travel distance of a vehicle each day inside campus only (20 km)x 365/100) x 0.01

= ((4 x 20 x 1 x 365)/100)) x 0.01

= 2.92 metric tons

365 is the number of days per year
0.01 is the coefficient to calculate the emission in metric tons per 100 km for bus

a. Transportation per year (Car)

= (Number of cars entering the campus x 2 x approximate travel distance of a vehicle each day inside campus only (in kilometers) x 365/100) x 0.02
= ((102 x 20 x 1 x 365)/100)) x 0.02
= 148.92 metric tons

365 is the number of days per year
0.02 is the coefficient to calculate the emission in metric tons per 100 km car

b. Transportation per year (Motorcycles)

= (Number of motorcycles entering the campus x 2 x approximate travel distance of avehicle each day inside campus only (in kilometers) x 365/100) x 0.01
= ((100 x 20 x 1 x 365)/100)) x 0.01
= 73 metric tons

365 is the number of days per year
0.01 is the coefficient to calculate the emission in metric tons per 100 km for motorcycles.

c. Total Carbon emission per year

= total emission from electricity usage + transportation (bus, car, motorcycle)
= (1258.20 + 2.92 + 148.92 + 73)
= 1483.04 metric tons

4.2.8. Noise level measurements (NBC Checkpoint 12.4.4.)

Noise is all unwanted sound or set of sounds that causes annoyance or can have a health impact and noise level is measured in decibels (dB). The body can also respond to lower noise levels. Level of noise are expected tobe within 55 dB in residential areas, including institutions. Class room noise levels aresupposed to be around 50 db. Sound Level Meter / Noise Thermometer are used to measure the noise level in the surroundings which converts the sound signal to an equivalent electrical signal and the resulting sound pressure level in decibels (dB) referenced to 20 μPa. Noise level prescribed by Central Pollution Control Board was presented in the Table 4.

Table 4. Noise level standard prescribed by Central Pollution Control Board, Government of India

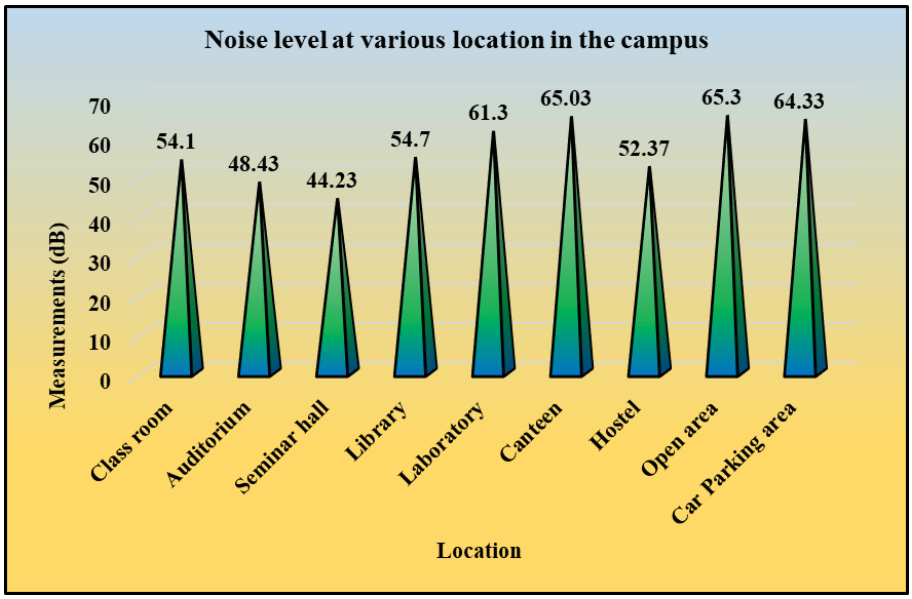
Area Code	Zone	Limits in dB (A) Leq	
		Day Time	Night Time
A	Industrial	75	70
B	Commercial	65	55
C	Residential	55	45
D	Silence	50	40

Source: IS : 12065 - 1987

Table 5. Noise level at various location in the campus

S. No	Locations	Measurements (dB)	Major noise sources	Remarks
1.	Class room	54.10	Students and Staff	No Noise Pollution
2.	Auditorium	48.43	Students	No Noise Pollution
3.	Seminar hall	44.23	Students	No Noise Pollution
4.	Library	54.70	Staff members	No Noise Pollution
5.	Laboratory	61.30	Students	No Noise Pollution
6.	Canteen	65.03	Students and Staff	No Noise Pollution
7.	Hostel	52.37	Students	No Noise Pollution
8.	Open area	65.30	Students and staff	No Noise Pollution
9.	Car Parking area	64.33	Vehicles	No Noise Pollution
	Mean	56.64%		
	SE	2.82		
	CD	5.03		

Figure 3. Noise level at various location in the campus





Noise level measured in various locations at the College Campus

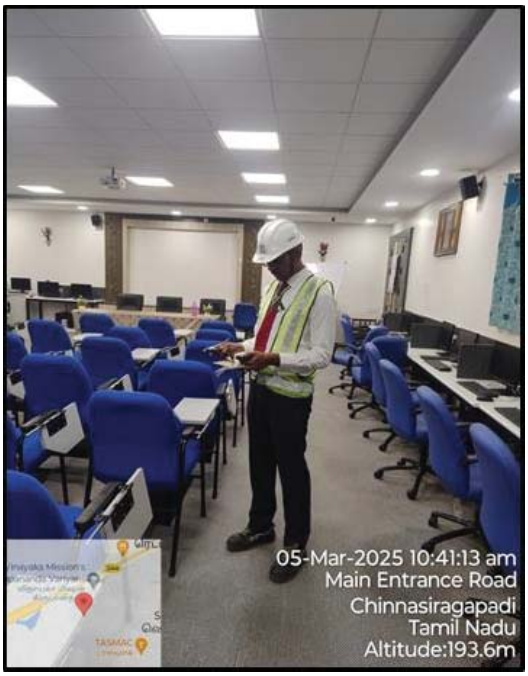
4.2.8.1. Light intensity measurement at the campus

Light intensity or light output is used to measure whether a particular light source provides enough light for an application needed. There is a well-established light level recommendation for a wide range of applications in lighting industry and also for the type of space. Light intensity is measured in terms of lumens per square foot (foot-candles) or lumens per square meter (lux). A light meter (lux meter) is used to measure the amount of light in a space/on a particular work surface. The light meter consists of a sensor that measures the light falling on it and provides the user with a measurable illuminance reading. Light meters are an especially useful tool for measuring light for safety or over-illumination.

Table 6. Light intensity measured at various locations in the College

S. No	Type of Spaces	Illuminances (LUX)
1.	Class room	126
2.	Auditorium	137.3
3.	Seminar hall	291
4.	Library	373.3
5.	Laboratory	467.6
6.	Canteen	220.6
7.	Hostel	161
8.	Open area	471
9.	Car Parking area	587.6
	Mean	315.07%
	SE	25.81
	CD	45.99

Source: IS: 6665-1972



Light intensity analysis in the Campus

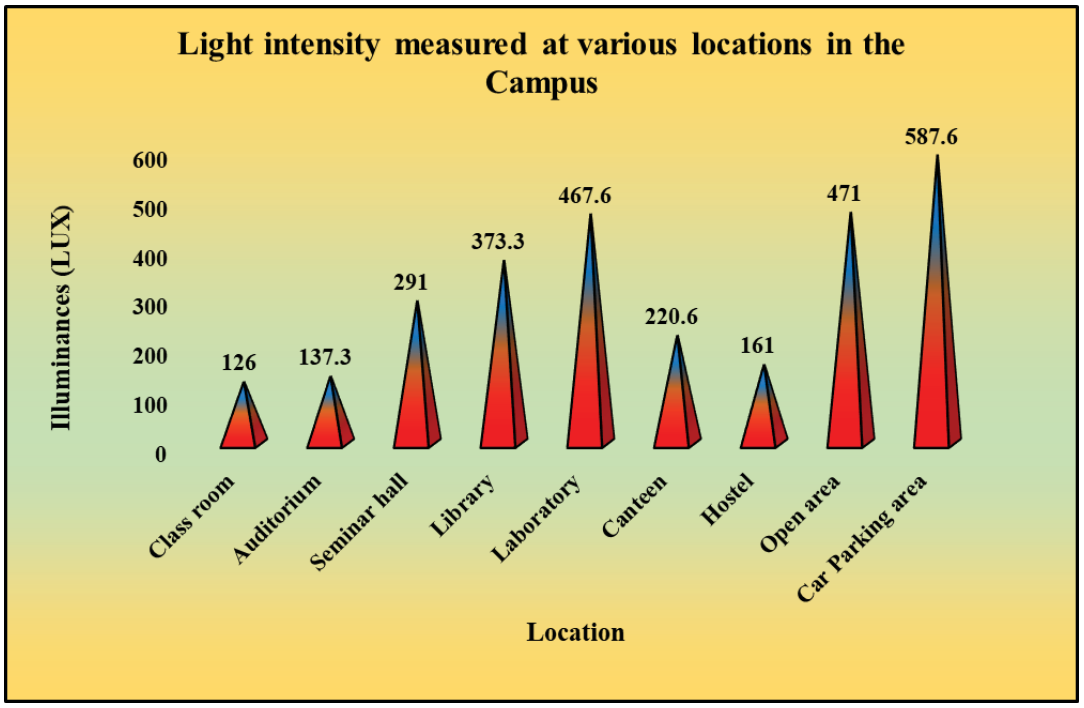


Figure 4. Light intensity Measured at the campus

4.2.8.2. Voltage Measurement at the Campus

Voltage measurement in AC & DC at different places in the campus is measured using the clamp (voltage) meter to reduce the energy consumption.

Table 7. Voltage measured at various locations in the College

S.No	Name of the Place	AC & DC Voltage Measurement [Volt (v)]
1.	Class Room (AC)	208.9
2.	Auditorium (AC)	212.8
3.	Seminar Hall (AC)	212.6
4.	Library (AC)	218.1
5.	Laboratory (AC)	209.8
6.	Canteen (AC)	212.5
7.	Power Room (AC)	211.4
8.	Generator Area (AC)	208.1
9.	Battery (DC)	13.3
SD±		1.26

Source: BEE, 2015, Bureau of Energy Efficiency



Voltage intensity measured at the College

4.2.9. Operation and Maintenance (NBC Checkpoint 13)

During commissioning and handover, operation and maintenance plan is under process to implement.

5. WASTE MANAGEMENT AUDIT

5.1. Introduction

Waste management is a global environmental task but has always been neglected by the public. Improper waste management will create environmental issues *viz*., soil, water- and air-pollution which lead to health problems. Main reason for polluted environment is unawareness of consumers and improper or poor legitimate initiatives. Ever increasing population rate and the improved life style of the people results in generation of amplified amount of solid wastes, irrespective of urban and rural areas. Solid waste is defined as the unwanted substance which is generated by the society that does not have any economic value from the point of view of the user. Waste management is defined as the discipline associated with control of generation, storage, collection, transport/transfer, processing and disposal of solid waste materials in aesthetic way.

There is a daunting need of effective waste management in India as 62 million tons of municipal solid waste and 38 billion liters of sewage is generated annually only from urban areas. The solid waste increases at the rate of 1.0 - 1.3% annually and the maximum amount of municipal waste is left untreated (Rajalakshmi *et al*., 2023). Primary reason for unclean surroundings in the nation is unawareness of individuals, in general, deprived institutional initiatives. While educating the environmental health and security, it has to be initiate from grass root level, primarily, educational institutions are the right forum to start with. Prior to teaching the students on waste management practices and prepare them to adopt strategic plan of waste management to material management, educational institutions should establish the physical facilities and follow the fundamental guidelines. The physical facilities established in the higher educational institutions and their utility through onsite auditing and to assess the implemented waste management practices with particular reference to recycling and generation of value added products.

5.2. Observations of the Waste Management Audit

- Recycling and reuse of waste materials through composting activities need to be initiated.
- Waste management practices need segregation and proper disposal in the campus.
- Different coloured closed dustbins for the collection of waste at various locations are not observed in the campus.
- Incinerator facilities for the disposal of napkins are not functioning in the campus.
- No usage of radioactive elements observed in the campus.
- Chemical wastes like acids, solvents and salts are dissolved properly before the disposal.
- Electrical and electronic wastes are collected and segregated properly.
- Records are not available for e-waste disposal by the authorized agency.
- MoU signed with the authorized waste disposal agency as an effective practice of waste management.
- STP and purchase policy need to be implement in the campus.

- Observed the allotment of separate team to perform environmental impact assessment and environmental management plan.
- Training needs are identified and workforce training is carried out in regular basis.
- Top soils are preserved and reused in the same site are observed.
- Some of the construction waste are reused for constructing cement roads inside the campus.

5.2.1. Technology Options (NBC Checkpoint 3.3 and 3.4.)

As per the guidelines to Architect and Civil contractors for existing buildings, traditional materials are used in the construction, environment friendly and cost-effective technologies are made available in the campus as per the building code.

5.2.2. Waste Management Practices (NBC Checkpoint 10.6, 10.7 and 12)

Waste Management has a common mandate that the 'Producer Owns the Responsibility'. The solid wastes are collected from different places of campus and segregated based on biodegradable and non-degradable materials subsequently subjected for recycling and degradation processes like composting. Details of the waste management practices in the Organization are 1) bio-degradable waste handling, 2) disposal of e-waste.

i) Solid waste management practices at the campus

The term, solid waste control refers to the method of accumulating and treating solid wastes by following ecofriendly methods. It is also a solution for recycling objects that do not belong to garbage. In the solid waste management, the wastes are accumulated from different parts and are disposed based on degradability materials like paper and non- degradability materials like glasses, plastics and metals. Organization has a very good solid waste recycling unit which operates a few vehicles to collect wastes using compostable bags across the campus. Both degradable and non-degradable items are being collected from canteens, stationary shops and hostels and disposed through the Corporation facility.

ii) Bio-degradable and non-degradable waste materials management practice

For segregation of waste (Organic, recyclable, non-recyclable and e-waste) at source and collecting the same 'Waste Bins' are placed at designated locations in the Campus *viz*. Students Hostels and Staff rooms, Students Service Centre, Sports Complex and Guest rooms. A Contractor is engaged for the collection and further process of waste generated within the campus where biodegradable wastes subjected to preparation of organic compost.



Waste management activities observed in the campus

iii) Use of biofertilizers, organic and green manures

Natural or eco-friendly methods should be used to grow plants vigorously in the campus which could reduce the environmental pollution. The plant waste such as fallen leaves, stems, fruits, nuts, seeds and other plant parts are used to make green manures. Minimal use of chemical fertilizers as part of integrated nutrient management system is acceptable but 'zero use' of chemical fertilizers is highly appreciable. Biofertilizers, farm yard manure and dried cow dung manure are extensively used in the audited organization to cultivate plants ensured to keep the campus organic. These practices are very well appreciated because air, water and soil pollution due to use of agrochemicals is eradicated which in turn to improve the soil health significantly.

iv) Disposal of E-Waste

According to E-Waste Management Rules, 2016 (Ministry of Environment, Forest and Climate Change, Government of India), electronic waste or e-waste includes old and non-functional electrical and electronic appliances. The e-waste materials were collected from the Organization are being segregated and then given to authorized agencies for handling e-waste. Due to this e-waste activity disposal, the e-waste pollution is significantly reduced in the Campus. Organization has produced lesser quantity of e-waste and the same has been disposed through the Corporation facilities.



Disposal of e-waste observed inside the campus

v) Construction and Demolition waste management

The Ministry of Environment, Forest and Climate Change, Government of India has notified the Construction and Demolition Waste Management Rules, 2016 exclusively to manage waste (building materials, debris and rubble) from construction activities like new construction, re-modelling, repair and demolition. One of the best waste management practices is rebuilding of construction waste into pillars, pathway road and etc. The construction waste inside the campus is found to be very low.

vi) Hazardous and biomedical wastes management

The Organization have taken pioneering efforts to dispose the hazardous as well as biomedical wastes properly that are generated from various Department laboratories. Acids, solvents, salts, reagents and cancer-causing substances (carcinogens) will cause cancer to the stakeholders those who doing research and/or experiments. Most of these kinds of wastes are disposed of safely without affecting the environment, soil health and water quality as per the directions of World Hazardous Waste Programme. Napkins

are incinerated onsite while agricultural wastes are recycled within the campus. Hazardous chemical and biomedical wastes are not abundantly used in the campus. Bio medical wastes are segregated at the source of generation using different coloured dustbin and acid neutralization chamber is available to collect the concentrated chemicals in the separate pipeline,

vii) Recycling of wastewaters

The main feature of the treated water should not be harmful to the biodiversity, resources and the environment especially in soil ecosystem. If an industry or Organization has the wastewater treatment plan, proper records on the analysis of water input and output parameters including the running time of the wastewater treatment plant; its operation cost, its maintenance and the reuse records of the treated water should be well accounted.

6. SOIL AND WATER AUDIT

6.1. Introduction

Soil and water are inequitable natural resources of India at global level. Soil are naturally occurring loose covering on the earth's surface. Weathering altered the rock particles of soil into mixtures of mineral and organic constituents. Soil is rich in microorganisms such as bacteria, fungi, actinomycetes, algae, protozoa and nematodes. The microorganism of the soil helps in enzymatic degradation of organic matter, energy storage and conversion of nutrients in available form in their biomass. Water the other natural resource constituting with 97% of salt water and 3% of fresh water. The use of water is inevitable in our daily needs. Water is used in agriculture, industrial, household, recreational and environmental activities. The natural source of fresh water are surface water and ground water.

Soil and water are natural resources of the organization that has to be structured, planned and developed from the point of entry to end users the stakeholders in such a way with contamination free soil and water, sustainable use of land and water and suitable measures for their conservation. Soil and water audit is a tool to improve the quality of the land and water to provide a healthy environment for the stakeholder directly and indirectly of the campus. It creates awareness on environmental ethics, resolves environmental issues and offers solutions to various social and economic needs. It strengthens the concept of 'Jal Jeevan Mission' and 'Sustainable Land Management' among stakeholders of India for the protection of natural ecosystems for future prospects.

Soil and water audit helps the educational institutions/ industries to maintain eco-friendly environment, assures personal hygiene to various stakeholders and supports the nation; on the whole for the noble cause of environmental protection and nature conservation which in turn enhances the quality of life of all living beings. Most of the soil in India are well drained, deep, fairly loamy, slightly acidic to alkaline and lime-free soils and they are ideal for variety of plant cultivation. The Indian soils are mainly derived from gneissic rock containing large amount of mica with good behaviour of water holding capacity with abundance of micro and macro elements. Some of the soils are characterized by clay loam type, classified as latosols with good organic matter contents along with sufficient amount of nitrogen, potassium and phosphorous contents all tea soils are distinctly acidic, rich in nitrogen content.

6.2. Soil and Water audit observations

1. The campus has well established rainwater harvesting models to recharge the bore wells by collecting rainwaters from the building roofs, open areas and playgrounds including unexplored areas which are not maintained properly.
2. The physic-chemical properties of soils revealed that the soil health is good towards the construction of building and the cultivation of various native and wild type plant species.
3. The water quality parameters revealed that the quality of water is good in terms of domestic purposes.
4. A well-established rainwater harvesting system to recharge water ground status

by collecting rainwaters from the campus coinciding with the contour of the terrain and natural drains.

5. Solar water heater available to serve hot water for domestic purpose.
6. Low flow fittings, low cisterns and bath faucet are available to conserve water.
7. Drip /Sprinkler Irrigations need to be strengthen for Conservation of Water
8. TDS need to be calibrate and soil testing may be done six months once by the ISO 17025:2025 Standard.

6.2.1. Geology, topography and soil condition (NBC Checkpoint 12.4.1)

The geology of Salem, Tamil Nadu is characterized by undulating terrain, crystalline formations, and alluvial deposits. The city is surrounded by hills, and the Thirumanimutharu River runs through it. Salem is located at11.67°N 78.14°E, at an average elevation of 278 m (912 ft.). The city is surrounded by hills: Nagaramalai on the north, Jarugumalai on the south, Kanjamalai on the west, Godumalai on the east and the Shevaroy Hills on the northeast. Kariyaperumal Hill is in southwestern Salem. The district is also home to the Shevroy Hills, which are a mountain range near Salem. The district has weathered and fractured crystalline rocks and recent colluvial deposits. The district has granite gneiss, charnockite, granites and other hard consolidated crystalline rocks. The soil conditions in Salem, Tamil Nadu include red, brown, black, alluvial, and loamy soils. The soil in Salem is predominantly alkaline and non-saline.

6.2.2. Assessment of Physico-chemical property of Soil samples

Soil physic-chemical properties influence the behaviour of soil and hence, knowledge of soil property is important. Soil testing is the only way to understand the soil health and to determine the available nutrient status in soil. The fertility of the soil depends on the concentration of N, P, K, organic and inorganic materials, conductivity. The results on soil samples analysis revealed that the pH, Electrical conductivity, total organic carbon, total nitrogen, available phosphorous and exchangeable potassium were found to be within the range and suitable for building constructions and cultivating the plants corresponding to the soil health. The soil samples were analysed with the help of ISO 17020 Accredited lab and correlated with the standard values referred from 'Soil Testing Methods in India' published by the Ministry of Agriculture, January 2011 Edition, Government of India.

Soil Sample Test Result:

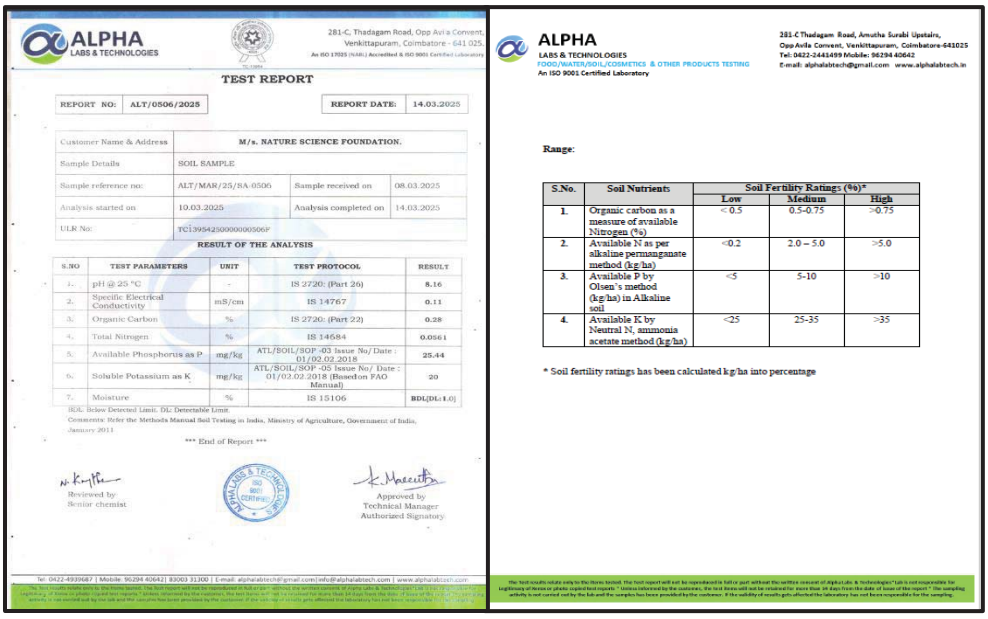
S.No	Test Parameters	Value	Unit	Test Protocols	Comments
1.	pH @ 25 ºC	8.16	-	IS 2720: (Part 26)	Sufficient
2.	Specific Electrical Conductivity	0.11	ms / cm	IS 14767	Sufficient
3.	Organic Carbon	0.28	%	IS 2720: (PART 22)	High
4.	Total Nitrogen	0.0561	%	IS 14684	Sufficient
5.	Available	25.44	mg /	ATL/SOIL/SOP –	Sufficient

	Phosphorus as P		kg	03 Issue No / Date: 01/ 02.02.2018	
6.	Soluble Potassium as K	20	mg / kg	ATL/SOIL/SOP – 05 Issue No / Date: 01/ 02.02.2018 (Based on FAO Manual)	Sufficient
7.	Moisture	BDL(DL:1.0)	%	IS 15106	Sufficient

Range:

S.No.	Soil Nutrients	Soil Fertility Ratings (%) *		
		Low	Medium	High
1.	Organic carbon as a measure of available Nitrogen (%)	< 0.5	0.5-0.75	>0.75
2.	Available N as per alkaline permanganate method (kg/ha)	<0.2	2.0 – 5.0	>5.0
3.	Available P by Olsen's method (kg/ha) in Alkaline soil	<5	5-10	>10
4.	Available K by Neutral N, ammonia acetate method (kg/ha)	<25	25-35	>35

Standards referred from 'Soil Testing Methods in India' published by the Ministry of Agriculture, Government of India and Methods of Analysis of Soils, Plants, Waters and Fertilizers by Fertilizer Development and Consultation Organization.



ALPHA LABS & TECHNOLOGIES

281-C, Thadagam Road, Opp Avila Convent, Venkittapuram, Coimbatore - 641 025.

An ISO 17025 (NABL) Accredited & ISO 9001 Certified Laboratory

TEST REPORT

REPORT NO: ALT/0506/2025 REPORT DATE: 14.03.2025

Customer Name & Address	M/s. NATURE SCIENCE FOUNDATION.		
Sample Details	SOIL SAMPLE		
Sample reference no:	ALT/MAR/25/SA-0506	Sample received on	08.03.2025
Analysis started on	10.03.2025	Analysis completed on	14.03.2025
ULR No:	TC13954250000000506F		

RESULT OF THE ANALYSIS

S.NO	TEST PARAMETERS	UNIT	TEST PROTOCOL	RESULT
1.	pH @ 25 °C	-	IS 2720: (Part 26)	8.16
2.	Specific Electrical Conductivity	mS/cm	IS 14767	0.11
3.	Organic Carbon	%	IS 2720: (Part 22)	0.28
4.	Total Nitrogen	%	IS 14684	0.0561
5.	Available Phosphorus as P	mg/kg	ATL/SOIL/SOP -03 Issue No/ Date : 01/02.02.2018	25.44
6.	Soluble Potassium as K	mg/kg	ATL/SOIL/SOP -05 Issue No/ Date : 01/02.02.2018 (Based on FAO Manual)	20
7.	Moisture	%	IS 15106	BDL(DL:1.0)

BDL: Below Detected Limit. DL: Detectable Limit.

Comments: Refer the Methods Manual Soil Testing in India, Ministry of Agriculture, Government of India, January 2011

*** End of Report ***

Reviewed by: Senior chemist

Approved by: Technical Manager, Authorized Signatory

ALPHA LABS & TECHNOLOGIES

FOOD/WATER/SOIL/COSMETICS & OTHER PRODUCTS TESTING

An ISO 9001 Certified Laboratory

281-C Thadagam Road, Amutha Surabi Upstairs, Opp Avila Convent, Venkittapuram, Coimbatore-641025

Tel: 0422-2441499 Mobile: 96294 40642

E-mail: alphalabtech@gmail.com www.alphalabtech.in

Range:

S.No.	Soil Nutrients	Soil Fertility Ratings (%)*		
		Low	Medium	High
1.	Organic carbon as a measure of available Nitrogen (%)	< 0.5	0.5-0.75	>0.75
2.	Available N as per alkaline permanganate method (kg/ha)	<0.2	2.0 – 5.0	>5.0
3.	Available P by Olsen's method (kg/ha) in Alkaline soil	<5	5-10	>10
4.	Available K by Neutral N, ammonia acetate method (kg/ha)	<25	25-35	>35

* Soil fertility ratings has been calculated kg/ha into percentage

Soil Sample Test Report obtained from ISO 17025 certified lab



Soil Sample Collection in the Campus

6.3. Water management activities (NBC Checkpoint 7.3, 10.2 – 10.5 and 12.4.2.)

In order to conserve water resources, it is essential that any environmentally responsible institution should examine its water use practices. Water auditing is conducted for the appraisal of facilities of raw water intake and determining the facilities for water treatment and reuse. Auditor concerned investigates the relevant method that can be adopted and implemented to balance the demand and supply of water. The Organization is taking enough attempt to manage wastewater that are coming out from various Department laboratories, hostels and canteens as per the water management plan. Solar water heaters are available for the domestic use of water. Chemicals like bromine and chlorine are avoided to maintain the water quality and to maintain hygienic environment to the stakeholders. Low flow fitting are implemented in the recently constructed building to conserve water.

6.3.1. Operational water supply systems

Maintaining the green campus, water conservation mechanisms should be applied efficiently in the campus. Well planned water irrigation systems like sprinkler and drip should be implemented in the entire green area of the campus for an effective water management system. This can be implemented only when the plantations are well planned. Vegetative area of the audited organization has taken sufficient efforts to maintain the plants greenish and frequency of watering to the plants.



Drinking Water Units were observed in the Campus

6.3.2. Rainwater harvesting system and percolation pond

Rainwater harvesting system is a traditional old practice not only in drought prone areas and also in areas having seasonal rainfall. Indian traditional rainwater harvesting systems are constructed based on three modes either direct pumped, indirect pumped or by both modes. In addition, lakes, ponds, water channels and any other water reservoir methods are considered as the rainwater harvesting system. During the audit it has been observed that the organization has developed rain water harvesting system and not properly maintained.



Rainwater harvesting pit observed in the campus

6.3.3. Water quality

After air, water is the second most critical element for life to exist. As a result, the scientific literature has numerous descriptions of water quality. It is the physical, chemical and biological characteristics of water, is the most frequently used definition of water quality. Water quality is a measurement of the state of water in relation to the needs of one or more biotic species and/or to any human need or purpose.

- One of the most crucial aspects of water quality is pH. It is described as the hydrogen ion concentration's negative logarithm. It is an arbitrary number that expresses how acidic or basic a solution is. Actually, water's pH is a gauge of how acidic or basic it is. Both basic and acidic water have more hydrogen (H+) and hydroxyl (OH) ions than usual.
- Total dissolved solids is referred to as TDS. It calculates the overall concentration of soluble salts and minerals in water. One mg/L of dissolved minerals, for instance, means that the water pitcher contains one mg/L of TDS.
- The salinity of a body of water, commonly known as saline water (also see soil salinity), is the degree to which salt is present. It is often measured in grams per litre (g/L).,Water that is cloudy is referred to as turbid. It gauges how well light can travel through water. It is brought on by particulate matter suspended in water, including clay, silt, organic matter, plankton and other particles.
- One of the most crucial indicators of the water quality in streams, rivers and lakes is dissolved oxygen (DO) which is regarded as one of the factors. It is an important indicator of water pollution. The water quality improves as the dissolved oxygen concentration does.

6.3.4. Standards for physico-chemical properties of water

The water samples collected from various sources, i.e., RO water, tap water, bore well water, wastewater and treated water samples were subjected to analyze for its

physico-chemical parameters. The results showed that all the parameters were found to be appreciable and no harmful effect was recorded (Table 8). These parameters were observed to be within the limit of Indian Standards of drinking water quality. The observed pH values were found to be 6.5 - 8.5 ranges. Similarly, observed TDS and salinity were 0 - 900 mg/L and 300 - 380 mg/L, respectively. Turbidity and dissolved oxygen were 4.5 – 5.5 NTU and 6.5 - 8.0 mg/L, respectively which are compliance with ISI standards.

Table 8. Physico-chemical properties of various water sources

S.No.	Water source	pH	TDS (mg/L)	Salinity (mg/L)	Turbidity (NTU)	Dissolved Oxygen (mg/L)
1.	RO water	5.5	74.4	270	4.3	7.4
2.	Tap water	7.2	131	434	4.8	6.9
3.	Well water	7.4	239.3	544	5.5	6.8
4.	Waste water	7.6	206	342	4.8	5.3
5.	Treated water	8.4	438	503	4.5	3.6
Mean		4.01%	132.09%	232.78%	2.67%	3.36%
SEC ±		0.12	59.71	10.60	0.15	0.28
CD at P = 0.05:		0.21	96.41	18.89	0.26	0.49

Source: IS 10500: 2012



Water analysis by using pH and TDS Meters

6.3.5. Water consumption rate

Since several variables are influenced water consumption by various stakeholders of an organization; it is hard enough to precisely assess the water quantity demanded by the public. Water is an immense requirement of any living organism. Though it is a natural resource,we are exploiting water for various purposes in day-to-day activities. As an educationalinstitution, water requirement for various activities may differ. Per capita Domestic Consumption in Hostels combined with Canteen ranges between 90 - 125 litres. Industrial or laboratory demand for water is estimated ranges between 100 - 300 litres. Losses as leakages and routine consumption accounts approximately 30 - 50 litres (per capita) and other uses daily usage uses accounts another 50 litres.

Table 9. Water consumption for various purposes

S. No.	Types of consumption	Normal range (L/capita/day)	Average
1.	Per capita domestic consumption at hostel and canteen	93-126	118
2.	Industrial and commercial demand at laboratories	124 - 255	199
3.	Public uses including fire demand, transport washes	2378-3345	2750
4.	Losses and waste as routine consumption	37-53	37
5.	Daily use (day-to-day use)	64	45

7. Air Quality Audit

7.1. Introduction

When the air is clear and contains only small amounts of solid particles and pollutant then the air quality is determined as good. Air is the mixture of gases, as air is moving its quality can be changed day to day. Temperature, wind movements are also major reason for air quality.

7.2. Measurement of carbon dioxide level in the campus

Climatic conditions of the earth changed now-a-days due to a massive increase in global warming and environmental changes including human population and human activities. In addition, primarily fossil fuel burning and an extensive usage enhances heat-trapping greenhouse gas levels in the atmosphere. Global warming is driven by human-induced emissions of greenhouse gases which resulted in paramount shifts in weather patterns. In general, a portable CO_2 Analyzer is used to measure the level of carbon dioxide in the atmosphere at different places across the campus.

7.3. Air quality audit observations (NBC Checkpoint 12.4.3.)

It is observed that carbon dioxide and oxygen values are acceptable range. The air circulation is very good in all the places which in turn useful to give pure air to the stakeholders. The observation showed that the concentration of CO_2 in the atmosphere is found to be optimal which did not exceed the critical limit of CO_2. It is further revealed that all the selected locations are having pure air without any air contaminants with good air exchange/circulation in the campus. Some of the places like Canteen and Class Roomsare recorded with high level of carbon dioxide level due to student mobilization and themaximum number of electrical items fixed from which the carbon dioxide emission were observed followed by all laboratories and seminar and auditorium halls (Table 10).

Table 10. Measurement of CO_2 concentration in the Organization

S. No.	Different locations of the Organization's Campus	Carbon dioxide level (ppm)*	Remarks
1.	Classroom	423	Within permissible limits
2.	Auditorium	434	Within permissible limits
3.	Seminar Hall	425	Within permissible limits
4.	Library	431	Within permissible limits
5.	Laboratory	441	Within permissible limits
6.	Canteen	427	Within permissible limits
7.	Hostel	422	Within permissible limits
8.	Open Area	420	Within permissible limits
9.	Car Parking area	434	Within permissible limits
Mean		428.70%	
SEC ±		1.40	
CD at P=0.05%		2.49	

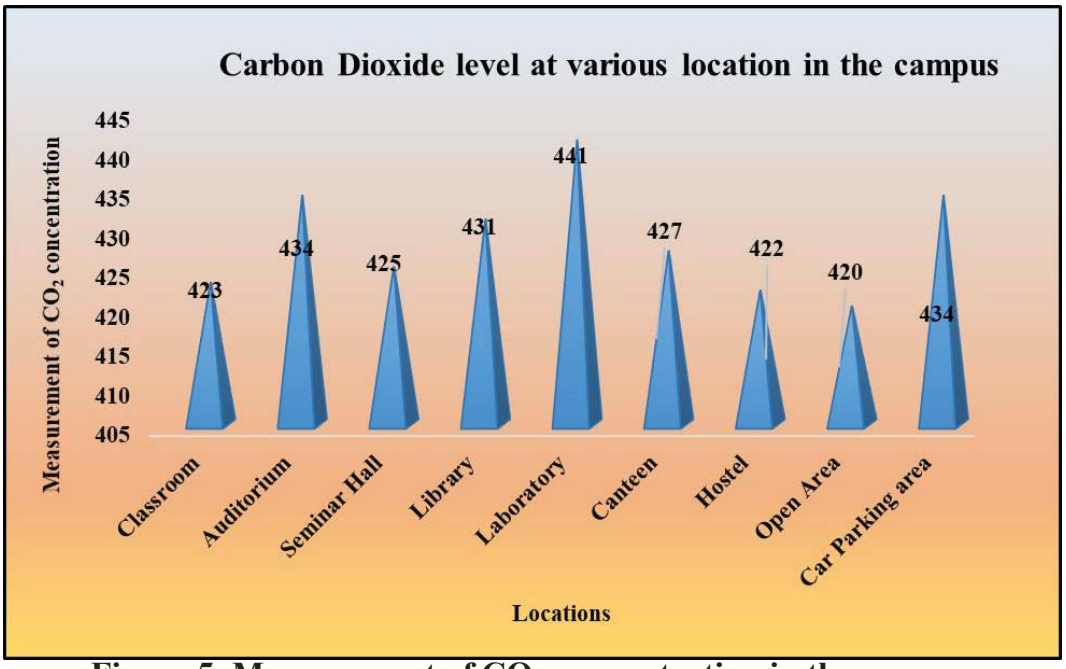


Figure 5. Measurement of CO_2 concentration in the campus



Analysis of CO_2 concentration in the campus

7.4. Atmospheric oxygen level measurements analysis and interpretation

Oxygen level refers to the amount of oxygen available within the atmosphere or water bodies. Oxygen is produced/released as a by-product of photosynthesis, the metabolic activity of all green plants besides certain microbes. Oxygen plays a paramount role in metabolic activities like respiration and the energy-producing chemistry of all living organisms. In order to quantify the oxygen level, Oxygen Meter is used. The atmosphere contains 18-21% oxygen concentration, 75-78.5% nitrogen and 2-3% other gases like carbon dioxide, neon and hydrogen. The amount of oxygen level in the atmosphere is determined by abiotic factors like altitude, latitude and longitude and biotic factors like plantations in the surroundings. If it excess, it causes oxygen toxicity and oxygen poisoning by creating coughing, breathing trouble and damage the lungs to human beings. The oxygen level of different places at the campus are monitored and presented (Table 11).

Table 11. The oxygen concentration at different places of audited organization

S. No	Location	Oxygen Level (%)*	Remarks
1.	Classroom	19.23	O_2 level is good
2.	Auditorium	19.17	O_2 level is good
3.	Seminar Hall	19.33	O_2 level is good
4.	Library	19.40	O_2 level is good
5.	Laboratory	19.20	O_2 level is good
6.	Canteen	19.40	O_2 level is good
7.	Hostel	19.43	O_2 level is good
8.	Open Area	19.53	O_2 level is good
9.	Car Parking area	19.37	O_2 level is good
Mean		19.34%	
SEC ±		0.10	
CD at P=0.05%		0.18	

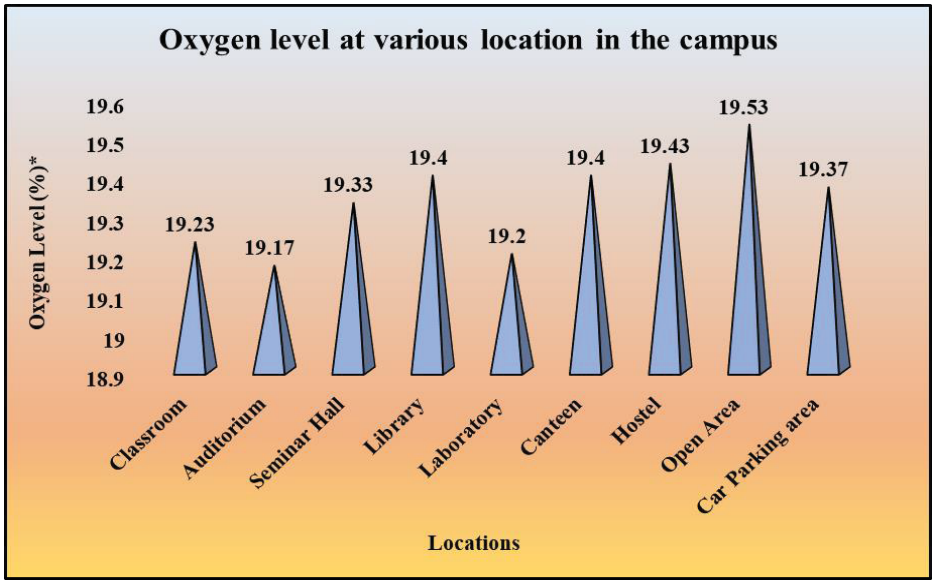
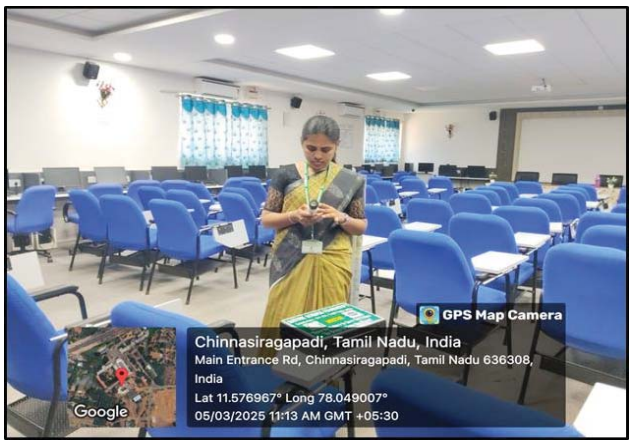


Figure 6. The oxygen concentration in the campus



Measurement of O_2 level at the Campus

8. HYGIENE AUDIT

8.1. Introduction

A hygiene audit will provide an insight into how an organization operates in a sustainable manner in terms of hygiene environment to the stakeholders as per the International Standard for Occupational Health and Safety Management Systems (ISO HSMS). If an organization has a hygiene auditing process implemented already, then it should apply environmental context into a clean environment. Environmental audit is a natural management tool and it will become more effective when hygiene audit is added to it. It is an essential requirement to adopt an audit process for a sustained utilization of resources in a hygienic way in both developed and developing countries like India. Hygiene will be of different types such as personal hygiene, environmental hygiene, medical hygiene and public hygiene which are all interrelated between each other in terms of maintaining a hygienic atmosphere to the stakeholders.

To ensure that the hygienic environmental management system, maintenance of environmental and personal hygiene, availability of clean resources, maintenance of water supply and hygiene, cleanliness ensured at the site of disposal of human waste materials and personal safety in the campus should be implemented effectively. Each year a plan for the hygiene audit should be prepared by the management of an organization. A committee of faculties and student representatives and social aware members appointed to take this plan forward in the beginning of every year will ensure that the entire hygienic environmental management system is implemented in the organization without any hindrance. An effective hygiene practice should be followed among the stakeholders which in turn useful to control a wide variety of disease outbreaks. Every organization should have applicable regulations, policies and standards with respect to hygienic environment.

A healthy population is the essential component of a country's wealth in terms of political, economic and environmental sustainability. In terms of population growth statistics, India is the fastest populating country to strike the second position in total population cover which is about 138 million and constitutes 17.25% of the total global population. Demographic status of India revealed that if the population increase continues to be at this rate, India is expected to be the most populated country by 2050. Along with the birth rate, social and environmental issues are also increasing and alarming now-a-days. As consequences of over population, social well-being of man and status of quality environment of the country get affected by the developing pressure on food, clothes, housing and other basic necessities, unemployment, loss of standard of living, decrease of forest cover, environmental pollution, energy crisis, ecological degradation and lack of hygienic condition-resulting in the distortion of well-being of a country. The hygiene audit is playing important role for both people and the environment of any organization in terms of safety. In order to achieve an effective ecofriendly hygiene by promoting the hygiene management practices and sanitization standards in the enterprise.

8.2. Hygiene audit observations

- No person is suffering from a disease or illness or with open wounds or burns among the students, teaching and non-teaching staff members including supportive staff and management people across the campuses observed during the hygiene audit which indicated the campus is very keen interest in providing good hygiene atmosphere to the stakeholders.
- The sanitizing materials such as soap, liquid detergent, tissue paper role, hand gloves, hand towels, etc. are made available nearby the washbasins and restrooms focusing towards the personal hygiene and sanitation related concerns to the stakeholders.
- Appropriate dustbins and eco-friendly covers are made available at laboratories, canteens, food courts, cafeteria and hostels across the campuses to control the spread of wastes and contaminants from one place to another place and without harming the environmental health.
- The pest management strategies adopted (cockroach traps, rodents control measures, insect repellents and other control facilities) at the campus is very good. The laboratories, classrooms, hostels, canteens, foot courts and toilets / restrooms are very neat and clean with proper ventilation and exhaust system.
- Food and Waste handlers are equipped with suitable personal safety materials like disposable hand gloves, full cover aprons and caps to minimize contamination and fire hazards at hostel dining halls and canteens to minimize contamination and fire hazards.
- Maintenance of equipment and machinery items are very good and being carried out regularly as per the instructions of the manufacturer. They are neatly maintained without any dusts and covered with the appropriate covers. They college management has signed a MoU to maintain Hygienic environment.
- Pest control programmes for cockroach, house flies, mosquitos, rodents etc. are effectively implemented and pest control activities (eggs, larvae, pupa, faeces, etc.) are carried out by trained and experienced personnel and no signs of pest activity or infestation in the Organization premises is noticed.
- Medical facilities are available for the laborers with physician to diagnose.

8.2.1. Observation on Personal Hygiene and Safety measures (NBC Checkpoint 12.3.6 and 12.3.7.)

As far as the stakeholders and employees are concerned, the safety and convenience of everyone working/access to the organization, the following safety rules should be observed at all times. Wearing a laboratory coat or apron along with hand gloves and caps before entering a working environment for protecting clothes from contamination or accidental discoloration by staining solutions are always mandatory in Organization's hygiene. The observation on providing hygiene environment to the stakeholders at campus revealed that sanitizing materials such as soap, liquid detergent, tissue paper role, hand gloves, hand towels are made available nearby washbasins and restrooms focusing towards personal hygiene and sanitation related concerns. It is observed that working tables and benches are kept clean at laboratories across the Departments. Appropriate dustbins and eco-friendly covers are made available at

laboratories, canteens, food courts, cafeteria and hostels across the campuses. At hostel dining halls and canteens, food suppliers are tied their long hairs properly and wear disposable hand gloves, full cover aprons and caps to minimize contamination and fire hazards. Canteen is functioning hygienically and authorized by the management.

Details of pest management strategies adopted (cockroach traps, rodents control measures, insect repellents and other control facilities) at the campus is very good. Food preparation (kitchen) area at hostels and canteen is very clean, free of insect pests and in good state of ventilation and exhaust system along with proper water supply and drainage. It is observed that waste disposal area and waste disposal collection center are neat and regularly cleaned, free of insect pests and free of spillage with no stagnation of water in food zones.



Pest control facility observed inside the campus

8.2.2. Napkin disposal facility

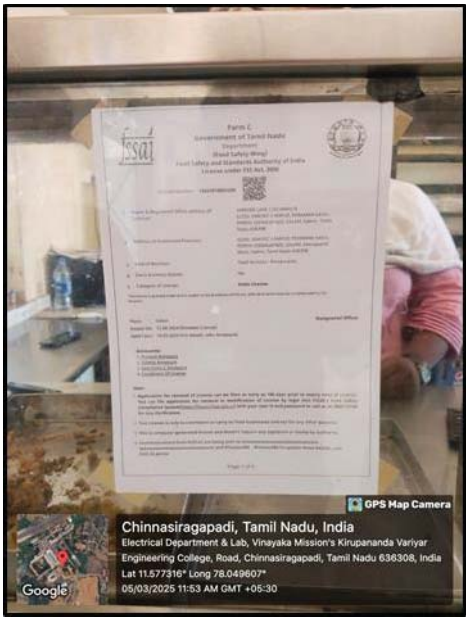
The Campus is implementing the safe practices of disposing of napkins using small scale incinerators in campus. However, it has come to our attention that the incinerator facility is currently non-functional. This situation temporarily limits the campus's ability to properly process and dispose of napkins and similar waste materials in an environmentally-friendly manner. The management are working diligently to ensure that the incinerator system is up and running as quickly as possible.



Napkin Incinerator facility in the campus

8.3. Legal compliances

In this campus, they following legal appliances are verified as per the National Building Code (Part 11 – Approach to Sustainability). Some of the documents are verified in onsite inspection are Building approval plan, canteen approval license to procure FSSAI certified food products and personal hygiene is evident from the management maintenance record.



FSSAI certificate observed in the campus

9. Conclusion

Considering the fact that the organization is a well-established academic institution and there is significant scope for conserving green, environment, energy, waste management, soil & water management, air quality and hygiene which in turn make the campus as self-sustained. The organization has taken enormous efforts to maintain green campus in a sustainable manner. It has conducting a large number of activities for the benefit of rural and tribal community people without disturbing the natural environment. The installation of a rainwater harvesting system and irrigation system to conserve rainwater and improve the ground water levels are noteworthy. The Organization has created medicinal, herbal and ornamental gardens at small scale level for establishing a massive reforestation / afforestation programme in which a large number of trees and shrubs species were planted together for providing an eco-friendly atmosphere to the stakeholders in a sustainable manner.

The energy conservation initiatives taken by the organization are substantial. Water and Soil conservation activities are also implemented and practiced. Proper facilities and procedures are followed for waste collection, segregation, disposal, recycle and reuse. Quality of soil and water observed to be good. Hygienic practices are monitored and maintained considering the health and sustainability of the stakeholders at canteen and hostel premises. Tree plantation at appropriate locations are maintained to resist the indoor climate and conserve energy as per the National Building Code (Part 11 – Approach to Sustainability). The organization has made significant progressive contributions with respect to teaching learning, research and consultancy, innovation and transfer of technology, community service and value education, in toto. It imparts quality education to rural, tribal and urban people across the nation which is excellent in terms of academic activities and providing an eco-friendly atmosphere to the stakeholders.

10. References

BIS, Code for Practice of Industrial Lighting (IS: 6665-1972). Bureau of Indian Standards, New Delhi, India.

BEE, 2015. Bureau of Energy Efficiency, A statutory Body Under Ministry of Power, Government of India.

Carbon footprint calculation. www.carbonfootprint.com.

Code for Practice of Industrial Lighting (IS: 6665-1972). Bureau of Indian Standards, New Delhi, India.

Gnanamangai, B.M., Murugananth, G. and Rajalakshmi, S. 2021. *A Manual on Environmental Management Audits to Educational Institutions and Industrial Sectors*. Laser Park Publishing House, Coimbatore, Tamil Nadu, India. 366 p.

ISO, 2021. International Organization for Standardization. https://www.iso.org/home.html.com.

NBC, 2016. National Building Code of India 2016, Volume 2. Bureau of Indian Standards, New Delhi, India

NCP, 2016. *National Environmental Policy-2006*, Government of India, Ministry of Environment and Forest, New Delhi, India.

Permissible Limits of Noise Levels for Rotating Electrical Machines (IS: 12065 - 1987). Bureau of Indian Standards, New Delhi, India.

Rajalakshmi, S., Amzad Basha, K. and Asif Jamal, G.A. 2023. *A Manual on Waste Management Audit*. Laser Park Publish House, Coimbatore, Tamil Nadu, India. 163p.

Soil Test Methods, 2011. Methods Manual - Soil Testing in India, Department of Agriculture & Co- operation. January 2011 Edition, Ministry of Agriculture Govt. of India. New Delhi.

Soil Test Methods, 2016. Methods of Test for soils (IS 1270-1984). Indian Standards Institution, New Delhi, India.

Water Test Methods 2016. Drinking Water – Specification (IS 10500: 2012). Bureau of Indian Standards. New Delhi, India.

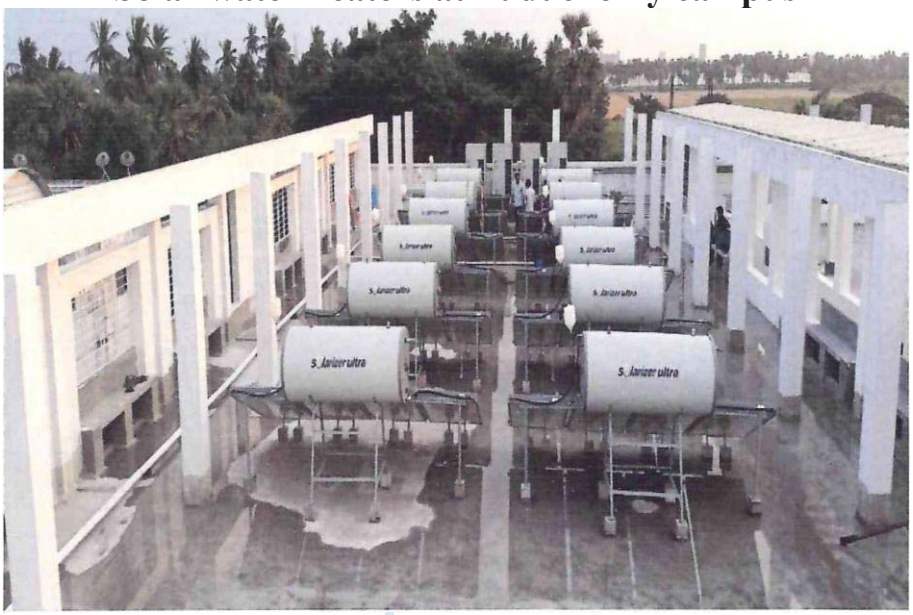
Solar Panels at Puducherry campus







Solar water heaters at Puducherry campus







Solar Panels at Karaikal campus



Solar Panels at Chennai campus



Solar Panels at Salem campus





AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University Under Section 3 of the UGC Act 1956)

SOLAR ENERGY GENERATION & CONSUMPTION DETAILS FROM JAN 2025 TO DEC 2025

SL.NO	MONTH	GENERATION	CONSUMPTION	REMARK
1	JANUARY	5193	5193	
2	FEBRUARY	5814	5814	
3	MARCH	6362	6362	
4	APRIL	5428	5428	
5	MAY	3960	3960	
6	JUNE	3630	3630	
7	JULY	4107	4107	
8	AUGUST	4075	4075	
9	SEPTEMBER	3903	3903	
10	OCTOBER	3357	3357	
11	NOVEMBER	2526	2526	
12	DECEMBER	2852	2852	
TOTAL UNITS		**51207**	**51207**	

ASST. ENGINEER - ELECTRICAL

GENERAL MANAGER - FACILITIES

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
PAIYANOOR
603 104.

Electrical Department | VMMC | KKL

Hospital - 100 kW PV Rooftop Solar Plant

Units Generated for the Year 2025

Sl. No.	Month (2025)	Units
1	January	7150
2	February	8550
3	March	7250
4	April	3250
5	May	3120
6	June	4650
7	July	3650
8	August	4250
9	September	3100
10	October	4350
11	November	9925
12	December	11865
	Total	**71110**

Electrical Department | AVMC | PDY

Hospital - 1306.8 kW PV Rooftop Solar Plant

Units Generated for the Year 2025

Sl. No.	Month	Solar Unit
1	Mar-25	5330
2	Apr-25	76523
3	May-25	116920
4	Jun-25	178434
5	Jul-25	211328
6	Aug-25	161650
7	Sep-25	155550.7
8	Oct-25	137398
9	Nov-25	125022.5
10	Dec-25	111407.4
	Total	1279564

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Chitra L.; Niramalkumar V.; Muthumani G.; Gunasankar R.	Enhanced Energy Harvesting and Efficient Power Management for Grid-Connected DC Microgrid Using Landsman Converter and Modified MPPT	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176539	Scopus
2	Baskaran D.; Nagarajan L.; Saravanan P.; Byun H.-S.	Understanding the characteristics of SO2 capture: Effect of solar-assisted adsorbent, isotherms, kinetics, thermodynamics, and mechanism	2025	Alexandria Engineering Journal	10.1016/j.aej.2025.05.031	Scopus
3	Loganathan P.; Devika S.V.; Trivedi L.M.; Devi S.R.; Malik N.; Jayakumar D.	Optimizing Urban Solid Waste-to-Energy Production Systems with Backpropagation Neural Network Model	2025	3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025	10.1109/ICICACS65178.2025.10967692	Scopus
4	Jose C.; Prakash S.	Advanced Solar PV System with Battery Storage and Grid Integration Using Optimized ANFIS-Based MPPT and Self-Lift Luo Converter	2025	2025 International Conference on Engineering Innovations and Technologies, ICoEIT 2025	10.1109/ICoEIT63558.2025.11211798	Scopus
5	Chitra L.; Anbarasu P.; Anthony Fernandans G.; Kalaimani S.	Hybrid PV-Fuel Cell Powered EV Charging System With Intelligent State-Of-Charge Monitoring And Control Using RNN	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176611	Scopus
6	Rajesh M.; Pitchumani Angayarkanni S.; Viswanathan R.; Karthik K.; France K.	A Harmonic Optical System with Reduced Computing Performance by the Use of Non-Numerical Excessive Sampling Processing of Digital Signals	2025	5th IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2025	10.1109/i-PACT65952.2025.11308021	Scopus
7	Boopathy K.; Venketesan P.P.; Venkatesan S.P.; Karthik K.	A Novel Firefly Optimized P&O Based MPPT Controller for Single Phase Grid Connected PV System	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176520	Scopus
8	Devarajan R.; Selvam P.	Design and Implementation of Solar Powered Induction Heater	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988003	Scopus
9	Venkatesan R.K.; Lakshmikanthan C.	A quadruple-boost nine-level common-ground inverter with reduced voltage stress for grid-connected PV systems	2025	Results in Engineering	10.1016/j.rineng.2025.107883	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
10	Selvaraj Y.; Eswaramoorthy N.; Elayappan V.; Muthusamy P.K.; Venkattappan A.; Paramasivam K.; Mtangi M.M.; Sangaraju S.	2D/2D N-doped reduced graphene oxide/hexagonal boron nitride composites from recycled batteries for high-performance symmetric coil cell supercapacitors	2025	Results in Engineering	10.1016/j.rineng.2025.107619	Scopus
11	Saranya R.; Jansi K.R.; Gowthami M.; Priya N.; GaneshBabu T.R.; Murugan S.	Autonomous Voltage Stabilization in Hybrid Energy Grids with Reinforcement Learning	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988209	Scopus
12	Arathi B.N.; Suresh G.B.; Karthikeyan M.; Bandlamudi S.; Sankarganesh R.; Manimaran M.	Applications of Green Renewable Energy in E-Vehicle Integrated Charging Systems	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025	10.1109/ICKECS65700.2025.11035331	Scopus
13	Krishnamoorthi S.; Prabhu L.; Prabhahar M.; Abdulla A.; Mehaboob A.	Optimization of biodiesel production from jatropha oil and its impact on engine performance and emissions using response surface methodology	2025	Environmental Research and Technology	10.35208/ert.1485673	Scopus
14	Gowrishankar R.; Sithar Selvam P.M.; Narayana K.S.; Raja T.; Gokul R.; Mayakannan S.	Design and Optimization of a Biocompatible Polyethylene Composite with Nelumbo Nucifera Fiber and Nano-banana Peel Filler for Sustainable Environmental Applications	2025	Journal of Environmental Nanotechnology	10.13074/jent.2025.03.24410	Scopus
15	Ranganathan C.S.; Arokiaraj Jovith A.; Selvarani P.; Saravana Kumar S.; Sujatha S.; Niranjan Kumar K.A.	IoT-Driven Green Building Materials and Life Cycle Assessment with Gradient Boosting Machines	2025	2024 International Conference on Smart Technologies for Sustainable Development Goals, ICSTSDG 2024	10.1109/ICSTSDG61998.2024.11026661	Scopus
16	Pothula N.; Sunkara N.; Vanitha R.; Thiyagesan M.; Aancy H.M.; Mallala B.	Beluga Whale Optimization for Effective Energy Management in Microgrids with Electric Vehicle Charging in Smart Distribution Networks	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025	10.1109/ICMSCI62561.2025.10894279	Scopus
17	Gowri N.V.; Lodhi E.; Loganathan P.; Kondoju S.K.; Kansal V.; Saritha G.; Sandiri R.; Prakash K.B.	LSTM-ANN Controllers for Grid Integrated DFIG Driven Wind Power Production System	2025	2025 International Conference on Computing Technologies, ICOCT 2025	10.1109/ICOCT64433.2025.11118831	Scopus
18	Prakash S.; Kumar J.R.; Manikandan P.; Siva B.	RNN-Based Control Strategy for Grid Connected Hybrid Systems Integrating Renewable Energy Sources	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176650	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
19	Selvakumar R.A.K.; Devaraj V.M.; Lenin R.A.; Sandran N.; Chang J.-H.; Gali Anthoni S.J.	Impact of WO3:CeO2@MXene/gC3N4 nano disk on sunlight-driven photocatalytic removal of fluoroquinolone antibiotic and high-performance supercapacitor application	2025	Carbon Letters	10.1007/s42823-025-00951-1	Scopus
20	Ramu K.; Sreenivasulu G.; Sharma Dixit R.; Lohmor Choudhary S.; Venkateswara Rao K.; Kumar Suman S.; shuaib M.; Rajaram A.	Smart solar power Conversion: Leveraging Deep learning MPPT and hybrid cascaded h-bridge multilevel inverters for optimal efficiency	2025	Biomedical Signal Processing and Control	10.1016/j.bspc.2025.107582	Scopus
21	Rattan Kumar V.; Das S.; Sasidharan B.; Vasu K.	Interleaved PFC-SEPIC Converter Based Wireless Power Transfer For EV Charging System	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176760	Scopus
22	Chitra L.; Manigandan G.; Nagapravin N.; Muthuvel S.	Integrated DC to DC Converter for Renewable Energy Applications	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176689	Scopus
23	Murugan S.K.; Kumari P.; Baskaran T.L.; Dimen L.; Nuta A.C.	Comparative Economic Impact of Green Energy Investments: Evidence from India, USA, Germany, and Denmark	2025	Energies	10.3390/en18143626	Scopus
24	Sathiyaraj S.; Venkatesan S.; Meena R.L.; Sahoo S.S.R.	Development of a Hydrogen-Fueled Transit Vehicle	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_21	Scopus
25	Chitra L.; Geethi P.; Ramya L.N.	A Comprehensive Analysis on the Advances in Battery Modeling, Intelligent Management Systems, and Digital Twin Integration	2025	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025	10.1109/ICEAMST67459.2025.11335645	Scopus
26	Palraj K.; Ravi D.; Sreekumar Prabha S.	Sustainable Green Phase Change Materials: A Comprehensive Review of Thermal Energy Storage	2025	Lecture Notes in Civil Engineering	10.1007/978-981-95-2266-8_62	Scopus
27	Boopathy K.; Manikandan K.; Gokulraj V.; Rafik M.	Hysteresis Controller Based PFC Controlled Three Phase Vienna Rectifier for PMSG Fed Wind Energy Conversion Systems	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176755	Scopus
28	Pulatovich K.S.; Sodikov K.; Bexruz G.; Sobirova S.; Berdieva D.; Vaishnodevi S.; Sathish R.	Smart Sensor-Embedded Textile Antenna System for Real-Time Tracking of Respiratory and Musculoskeletal Disorders Using IoT-based Remote Healthcare Networks	2025	National Journal of Antennas and Propagation	10.31838/NJAP/07.03.32	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
29	Dhas Bensam S.; Kavitha Kumari K.S.; Alluri A.; Rajesh P.	Fuel cell EV for smart charging with stochastic network planning using hybrid EOO-SNN approach	2025	Analog Integrated Circuits and Signal Processing	10.1007/s10470-025-02429-6	Scopus
30	Favas C.S.A.; Ramarao M.; Prakash S.; Nallusamy S.	Nanotechnology-Assisted Performance, Combustion and Emission Control: A Study on Al2O3-Enriched GABME B20 in CI Engines	2025	International Journal of Engineering Trends and Technology	10.14445/22315381/IJETT-V73I11P109	Scopus
31	Prakash S.; Javith N.; Jayanthinathan G.; Karthisan S.	Coupled Inductor Based Three Port High Gain DC to DC Converter for Renewable Energy Systems	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176544	Scopus
32	Keren Persis P.; Rekha E.; Basha I.A.; Geetha R.; Sudhakar R.; Kishore Y.R.	Exploring Cycle and Calendar Life in Lithium Ion Batteries with an Emphasis on Degradation Assessment	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10940623	Scopus
33	Marappan M.; Mahendran A.; Ravivarman G.; Suresh Kumar K.; Elango M.; Kesavan S.P.; Devarajan R.	Optimized Cooling Solutions for Lithium-Ion Batteries in Electric Vehicles using PCM Composites	2025	E3S Web of Conferences	10.1051/e3sconf/202561902011	Scopus
34	Venkatachalam R.; Supriya S.; Deshpande M.R.; Vaidevi C.; Bhattacharya S.	Implementing Zero Liquid Discharge Systems to Minimize Industrial Wastewater Residues in Mechanical Manufacturing Processes	2025	Springer Water	10.1007/978-3-031-84909-1_3	Scopus
35	Palraj K.; Divahar R.; Sangeetha S.P.	Green phase change materials for sustainable buildings: A pathway to low-carbon thermal management	2025	Journal of Energy Storage	10.1016/j.est.2025.118953	Scopus
36	Subathra M.; Devika R.	Conversion of Citrus Fruit Peel into a Value-Added Product, Bio-Oil	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i01.B4207	Scopus
37	Lakshmi T.R.V.; Singh A.; Li W.; Rajasekaran P.; Gupta S.; Premchandh M.; Kurulekar M.	Plasmonic Nanostructures for Enhanced Solar Energy Harvesting in Thin-Film Photovoltaic Devices	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I3/IAJSE1228	Scopus
38	Balasubramaniam A.; Baskar V.V.; Jawahar Rani K.; Bhuvaanesh Ravikaruna Moorthy B.S.; Suresh M.; Murugan S.	Feedforward Neural Network for Temperature Forecasting in Smart Agriculture and Energy Planning	2025	2025 3rd World Conference on Communication and Computing, WCONF 2025	10.1109/WCONF64849.2025.11233741	Scopus
39	Prabhahar M.; Prakash S.; Dharsan P.; Elumalai P.V.; Xueyi F.; Hasan N.	Optimization of thermal barrier coating with induced copper oxide nanoparticles in CI engine using algae methyl ester as fuel	2025	Scientific Reports	10.1038/s41598-025-02711-7	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
40	Maniraj S.P.; Monisha J.; Amutha R.; Kavitha R.; Shriidhar P.J.; Srinivasan C.	Agricultural Water Conservation through AI-Enhanced Solar IoT Networks	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10940116	Scopus
41	Antony Casmir Jayaseelan G.; Samuvel Michael B.; Subathra M.; Vinoth K.; Babu T.	Effect of Dual Biodiesel Blends with Ethanol as Additives in CI Engine	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_15	Scopus
42	Selvan G.; Krishna V.A.; Thiyagesan M.; Venkatasubramanian R.; Vanitha R.; Sarojwal A.; Sivaramkumar M.	IoT-Enabled Predictive Maintenance for Renewable Energy Systems	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025	10.1109/ICMSCI62561.2025.10894630	Scopus
43	Lakshmi D.; Yuvaraj T.; Devabalaji K.R.; Thanikanti S.B.; Mahmud P.	Optimizing Hybrid Renewable Energy Sources and Grid Integration for Economic Analysis Using the Hunter-Prey Optimization Algorithm	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176764	Scopus
44	Rajasekaran M.; Krishnamoorthi S.; Vijayaragavan M.	An experimental investigation of the effects of blending camphor oil infused with jack fruit biodiesel and nanoparticles on the performance, combustion, and exhaust emissions of a compression ignition engine	2025	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089231225750	Scopus
45	Sree S.S.; Muthalakshmi M.; Surendhar S P.A.; Kumar A.S.S.; Panigrahi B.S.; Gomalavalli R.; Vinodhini R.	Designing an empirical grid-connected PV system based on FLC-MPPT approach for local community use	2025	International Journal of Information Technology (Singapore)	10.1007/s41870-025-02631-9	Scopus
46	Kumar I.; Tamilselvam M.; Vijayakumar G.N.S.; Singh V.; Pandey R.K.; Shivanand C.G.; Rajendiran M.; Prasad A.R.	Redefining Concrete Sustainability: The Potential of Nano-Materials in Green Construction	2025	AIP Conference Proceedings	10.1063/5.0263877	Scopus
47	Nangan S.; Joseph A.M.; Kuppusamy K.	Recent Advances in Photo-Fermentative Biohydrogen Production: Substrate Pretreatment, Strain Improvement, Bioreactor Optimization	2025	Biohydrogen Production: An Overview of Diverse Feedstock and Modern Technologies	10.1201/9781003568612-7	Scopus
48	Soni N.; Gupta P.; Singh S.D.K.; Velramar B.; Agrawal N.; Selvan S.T.; Pamidimarri S.D.V.N.; Singh R.K.	Conversion of Plastic Waste to Chemicals and Biofuels	2025	Valorization of Solid Wastes to Biofuels and Chemical Products for Sustainable World	10.1007/978-981-96-8594-3_4	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
49	Yuvaraj T.; Sengolrajan T.; Prabaharan N.; Devabalaji K.R.; Uehara A.; Senjyu T.	Enhancing Smart Microgrid Resilience and Virtual Power Plant Profitability Through Hybrid IGWO-PSO Optimization With a Three-Phase Bidding Strategy	2025	IEEE Access	10.1109/ACCESS.2025.3565460	Scopus
50	Sainaath R.; Thiyagesan M.; Isabella L.A.; Vanitha R.; Akash G.; Sourav Krishna R.	Multimodal Data Fusion using EKF and Deep Learning for Battery Fault Prediction	2025	Proceedings of the 6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025	10.1109/ICESC65114.2025.11212370	Scopus
51	Manoharan L.; Kumar V.V.; Dwibedi R.K.; Lahari A.; Kumar K.P.; Kumar J.S.	Optimized Clustering in WSN using Fuzzy Logic Techniques	2025	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025	10.1109/ICIMA64861.2025.11073843	Scopus
52	Ismail R.; Loganathan P.; Bhaskar K.B.; Al-Mattarneh H.; Kansal V.; Venkatasubramanian R.; Kumar G.A.E.S.; Prakash K.B.	Enhancement of Power Quality Improvement in Standalone Microgrid with 2DOF-PID Controllers based DSTATCOM under Various Faults	2025	5th IEEE International Conference on Sustainable Energy and Future Electric Transportation, SeFeT 2025	10.1109/SEFET65155.2025.11255359	Scopus
53	Jeffrey J.A.; Govindraj S.; Mahesh R.; Bhaskar A.; Arunkumar K.; Joseph R.E.; Hariram V.; Punitharaj V.; Sarathipriyan S.	Influence of Fe2O3 Nanoparticle-infused Waste Cooking Oil Biodiesel on the Emission, Performance, and Combustion Aspects towards a Cleaner Environment	2025	Journal of Environmental Nanotechnology	10.13074/jent.2025.09.2531638	Scopus
54	Kanagaraj K.; Karuppanan K.; Nangan S.	Carbon-based nanomaterials from plant extracts and other bioresources in hydrogen storage applications	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00009-3	Scopus
55	Sitharthan R.; Rajesh M.; Kumar R.S.; Dhanabalan S.S.	Real-time data fetching approach for performance evaluation of a DFIG wind power generation system using an IoT-enabled wind emulator	2025	Scientific Reports	10.1038/s41598-025-24234-x	Scopus
56	Kumar S.; Karthika M.; Ramkumar S.; Matyakubova J.; Isakov A.; Mathankumar S.; Selvam P.	Energy-efficient Battery-less Wearable Antenna Integrated with RF Energy Harvesting Modules for Long-term Health Monitoring in IoT Healthcare Ecosystems	2025	National Journal of Antennas and Propagation	10.31838/NJAP/07.03.25	Scopus
57	Samuvel Michael B.; Krishnamoorthi S.; Senthilkumar A.; Raj Kumar G.; Praveen Kumar C.	Exploring the Impact of Varied Injection Angle on the Performance of a Variable Compression Ratio (VCR) Engine Fueled by Biodiesel from Plastic Waste	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_12	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
58	Senthil J.; Prabhahar M.; Thiagarajan C.; Nallusamy S.; Prakash S.	Effect of Metal Oxide Nano Liquid on Diesel/Plastic Oil Mixture Diesel Engine Performance	2025	International Journal of Engineering Trends and Technology	10.14445/22315381/IJETT-V73I2P114	Scopus
59	Chitra L.; Selvakumar G.; Prakash S.	Flywheel Energy Storage System Based Grid Integration With PMSM and SVPWM Control	2025	2025 IEEE 1st International Conference on Recent Trends in Computing and Smart Mobility, RCSM 2025	10.1109/RCSM67767.2025.11508020	Scopus
60	Murugan S.K.; Rede G.D.; Baskaran T.L.; Kumari P.; Nuta A.C.	DETERMINANTS OF SOLAR WATER PUMPING SYSTEM ADOPTION AMONG FARMERS: A FACTOR ANALYSIS APPROACH	2025	Journal Of Economic Sciences: Theory And Practice	10.30546/jestp.2025.82.02.2016	Scopus
61	Vijayan D.S.; Devarajan P.; Mohanavel V.; Sankaran N.; Kannan S.; Ahsan M.S.	A Review of Sustainable Implications of Energy-Efficient Buildings in the Environment	2025	Advances in Civil Engineering	10.1155/adce/9584777	Scopus
62	Poornima P.; Boopathy K.	Experimental Investigation and Development of Fuzzy Logic-Based MPPT for Photovoltaic Systems Across Varied Climatic Conditions	2025	Engineering Access	10.14456/mijet.2025.23	Scopus
63	Jeevitha N.; Mouleswararao B.; Mohankumar N.; GnanaPrakash L.; Mahalakshmi R.; Pachiyappan R.	AI and IoT-Driven Optimization of Solar Thermal Collectors for Industrial Heat Applications	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11089246	Scopus
64	Krishnamoorthi S.; Prabhu L.; Rahil M.; Nagasai K.; Faim M.	Experimental Investigation of Diesel Engine Using Chlorella Algae-Acetylene by Dual Fuel Mode	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_7	Scopus
65	Kumaran P.; Sathiyaraj S.; Mahesh R.; Vignesh V.; Vineeth A.	Assessment of Kusum Biodiesel and Octanol Blends on Diesel Engine Performance and Emissions: A Comprehensive Study of Efficiency Trade-offs and Environmental Benefits	2025	El-Cezeri Journal of Science and Engineering	10.31202/ecjse.1590321	Scopus
66	Prakash S.; Jose C.	Solar Energy Integration with Landsman Converter and RBFNN MPPT for Three-Phase Grid Applications	2025	2025 International Conference on Engineering Innovations and Technologies, ICoEIT 2025	10.1109/ICoEIT63558.2025.11211806	Scopus
67	Helenprabha K.; Amarnath R.N.; Mohankumar N.; Gopi B.; Aishwarya N.; Murugan S.	IoT-Enabled Reinforcement Learning for Autonomous Robotic Lawn Mowers in Residential Gardens	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025	10.1109/IDCIOT64235.2025.10915139	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
68	Srinivasan S.A.; Musthafa B.; Vardhana Naidu B.V.; Kumar M.S.	Optimization and experimental investigation on CI engine characteristics fuelled with low carbon alcohols and juliflora biodiesel blends: A RSM approach	2025	Fuel	10.1016/j.fuel.2025.134542	Scopus
69	Nageswari C.S.; Pandey P.; Sujitha R.; Sujatha M.; Senthilkumar S.; Sujatha S.	Adaptive Solar Energy Storage with Deep Learning for Improved Grid Resilience	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988013	Scopus
70	Venkatesh R.; Singh P.K.; Narendrudu T.; Mohanavel V.; Vijayan D.S.; Kedia A.; Soudagar M.E.M.; Fouly A.; Seikh A.H.	Effect of copper back contact and varied ZnO layer thickness on functional properties of Cadmium telluride solar cell	2025	Indian Journal of Physics	10.1007/s12648-025-03718-6	Scopus
71	Parameswari R.; Madhan Kumar P.; Azhagu P.S.; Yogesh T.; Janani I.; Ganesamoorthy R.; Babujanarthanam R.	Materials for Microbial Fuel Cells: Harnessing Bio Electrochemical Systems	2025	Sustainable Materials for Fuel Cell Technologies	10.1002/9781394247806.ch8	Scopus
72	Sengodan N.; Mayakannan S.; Venugopal K.; Raja T.	Performance and Analysis of RCCI Combustion using Gasoline and Jatropha Curcas Biodiesel for Enhanced Efficiency and Reduced Emissions in CI Engines	2025	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.3.20	Scopus
73	Hariram V.; Sathishbabu R.; John J.G.; Kailiappan N.; Vijayakumar K.; Kumar E.S.; Priya K.K.	Maximizing the combustion phenomenon with reduced emission of a compression ignition engine fulled with Dunaliella salina biodiesel and hydrogen blends	2025	Scientific Reports	10.1038/s41598-025-16285-x	Scopus
74	Jayaseelan G.A.C.; Ashim M.A.P.; Srinivas S.; Rajendran P.	Experimental Investigation and Central Composite Design Modeling Optimization of Dual Biodiesel Mixture in CI Engine Parameters	2025	Russian Journal of Physical Chemistry B	10.1134/S1990793125700666	Scopus
75	Hussain K.; Selvi K.; Murugesan G.; Govindasamy S.; Ramachandran G.; Nirmal Raj A.	Internet of Things Based Agriculture Crop Cutting Mechanism Using Green Energy and its Applications	2025	2025 IEEE 14th International Conference on Communication Systems and Network Technologies, CSNT 2025	10.1109/CSNT64827.2025.10967666	Scopus
76	Rao V.C.S.; Shanmathi M.; Rajkumar M.; Haleem S.L.A.; Amirthalingam V.; Vanathi A.	Maximizing network efficiency by optimizing channel allocation in wireless body area networks using machine learning techniques	2025	Internet Technology Letters	10.1002/itl2.458	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
77	Regilan S.; Hema L.K.; Jenitha J.	ReLeC-MEO: Reinforcement Learning-Based Clustering With Multi-Objective Efficient Optimization for Energy-Efficient IoT Networks	2025	International Journal of Communication Systems	10.1002/dac.70239	Scopus
78	Peethambaram G.; Sankaranarayanan M.; Ruthrakotti S.; Selvam M.	Energy Management in PV Grid Systems with Whale Optimized PI Controller and IoT Monitoring	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176465	Scopus
79	Muruhan S.; Nirmala C.; Gnanamathy G.; Roopa N.; Jayakumar M.	An overview of water quality, water pollutants, and the importance of nanomaterials in water remediation	2025	Current Advancements in Nanomaterials for Wastewater Remediation: Challenges and Mitigation Strategies	10.1016/B978-0-443-16112-4.00002-5	Scopus
80	Shyamalagowri M.; Prabhakaran P.; Vairavel K.S.; Devarajan R.; Hussaini M.M.; Padmavathi M.	AI-Integrated Solar Powered Autonomous Electric Vehicle and a Zero Tailpipe Emission Analysis	2025	2025 International Conference on Computational Innovations and Engineering Sustainability, ICCIES 2025	10.1109/ICCIES63851.2025.11032742	Scopus
81	Nangan S.; Selvaraj Y.; Okhawilai M.; Venkattappan A.; Kumar A.; Ubaidullah M.	Integrating experimental validation, density functional theory insights, and AI perspectives to develop an efficient electrocatalyst for sustainable electricity generation	2025	Microchemical Journal	10.1016/j.microc.2025.115770	Scopus
82	Essaki Raj R.; Thiyagesan M.; Saradha Devi A.; Suresh T.D.; Sankara Kumar S.; Vanitha R.	MISO SEPIC for Enhanced Efficiency in Renewable Energy Systems Using AIML Algorithms	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11088465	Scopus
83	Antony Casmir Jayaseelan G.; Samuvel Michael B.; Elanthiraiyan A.; Arun Kumar M.N.; Mohammed Iqbal N.	Effect oF Cu2O Nanoparticle in Candlenut Biodiesel Blends in CI Engine	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_34	Scopus
84	Subathra M.; Devika R.	A Comparative Study on Hydrothermal Liquefied Biochar as Biofertilizer for Increased Plant Yield	2025	Agricultural Science Digest	10.18805/ag.D-6047	Scopus
85	Ashok Kumar R.; Ganesh Babu L.; Magesh Babu D.; Sellamuthu P.; Sivaraman G.; Karthikeyan R.	Enhancing Renewable Energy Penetration with Combined Heat and Power Units and Cryogenic Energy Storage	2025	E3S Web of Conferences	10.1051/e3sconf/202564803012	Scopus
86	Basivi P.K.; Selvaraj Y.; Perumal S.; Bojarajan A.K.; Lin X.; Girirajan M.; Kim C.W.; Sangaraju S.	Graphitic carbon nitride (g–C3N4)–Based Z-scheme photocatalysts: Innovations for energy and environmental applications	2025	Materials Today Sustainability	10.1016/j.mtsust.2024.101069	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
87	Rajesh M.; Sitharthan R.	Enhanced Edge Computing for Digital Twin Applications in Energy-Intensive Industrial Systems	2025	IEEE Power Electronics Magazine	10.1109/MPEL.2025.3624984	Scopus
88	Antony Casmir Jayaseelan G.; Musthafa B.; Anderson A.; Abishek J.A.; Bhuvaneshwaran K.	Exploring the Impact of Titanium Dioxide Nanoparticles as Fuel Additives in Candlenut Biodiesel–diesel Blends in a CI Engine	2025	Journal of Environmental Nanotechnology	10.13074/jent.2025.03.2511244	Scopus
89	Shivakumar G.S.; Vijayan D.S.	Exploring the Potential of Sea Shell Powder as a Phase Change Material	2025	Lecture Notes in Civil Engineering	10.1007/978-981-95-2266-8_20	Scopus
90	Thirugnanam B.; Mani P.; Settu M.; Venkattappan A.	Unlocking the potential of photocatalysts: Recent advances in layered double hydroxide and future outlook	2025	Journal of Environmental Sciences (China)	10.1016/j.jes.2025.02.040	Scopus
91	Musthafa B.; Prabhahar M.	Numerical and experimental investigation of CI engine parameters using palm biodiesel with diesel blends	2025	Scientific Reports	10.1038/s41598-025-00170-8	Scopus
92	Rajeshwaran R.; Logeshwari J.; Abirami R.	Effect of EPS Concrete: Balancing Construction Efficiency and Environmental Sustainability	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i02.B4268	Scopus
93	Parameshwar S.; Verma D.; Nangan S.; Jain S.; Varshney D.; Singh S.	Pine Needle–Derived Nanocatalysts via Sequential Pyrolysis–Microwave Synthesis: Applications in Waste Cooking Oil Biodiesel Production	2025	Journal of Nanotechnology	10.1155/jnt/2060809	Scopus
94	Krishnamoorthi S.; Thiagarajan C.; Prabhahar M.; Raghunathan A.K.; Deepak P.V.	Performance and Emission Characteristics of Soapnut Methyl Esters-Diesel Blends Between VCR and Tata Zip XL Engine	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_24	Scopus
95	Gobinath H.; Saivarshini R.; Gopinath N.P.; Manickam K.; Shunmugam P.	Design and Analysis of a Boost Type Nine-Level Inverter with Reduced Switch and Capacitor Voltage Stress	2025	2025 5th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2025	10.1109/ICAECT63952.2025.10958934	Scopus
96	Sharmila C.; Baiju B.V.; Gino Sophia S.G.; Saranya S.; Suresh P.; Kirubha D.	Artificial intelligence framework for ISTAR missions in tactical networks using autonomous vehicles	2025	Battery-Free Sensor Networks for Sustainable Next-Generation IoT Connectivity	10.4018/979-8-3693-7600-3.ch013	Scopus
97	Thiyagesan M.; Magesh T.; Annie Isabella L.; Vanitha R.; Hemalatha S.; Geethaavarshni S.; Preethi K.	Wireless Electric Vehicle Charging Station using Solar Energy	2025	2025 International Conference on Emerging Technologies in Engineering Applications, ICETEA 2025 - Proceedings	10.1109/ICETEA64585.2025.11099878	Scopus
98	Gowda V.D.; Annepu A.; Arun G.; Gayathri K.M.; Thangadurai N.	Optimization of Solar Energy Systems Using Deep Learning	2025	AI-Driven Solutions for Solar Energy Efficiency, Irradiance Modeling, and PV Forecasting	10.4018/979-8-3373-1434-1.ch011	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
99	Thiagarajan C.; Prabhahar M.; Senthil J.; Vignesh G.; Kumar S.	Efficient Biodiesel Production from Mahua Seed Oil Using Acid and Base-Catalysed Transesterification: Process Optimization and Quality Assessment	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_20	Scopus
100	Joseph A.M.; Nangan S.; Kuppusamy K.	Recent Membrane-Based Technologies for Biohydrogen Production: Types of Bioreactors, Materials, Techno-Economic Analyses, and Its Future Prospects	2025	Biohydrogen Production: An Overview of Diverse Feedstock and Modern Technologies	10.1201/9781003568612-4	Scopus
101	Rajesh M.; Dhanasekaran K.; Kalivara Prasad B.; Moorthy U.; Easwaramoorthy S.V.	Energy harvesting techniques for self-sustaining wearables in remote environments	2025	Discover Internet of Things	10.1007/s43926-025-00210-9	Scopus
102	Rajasekaran M.; Krishnamoorthi S.; Ganesh P.R.; Vijayakumar A.; Yugendran S.	Synergistic Enhancement of Diesel Engine Performance and Emissions through Jackfruit Peel Biodiesel Blends: An Experimental Investigation	2025	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.1.12	Scopus
103	Karthick L.; Muthusamy P.; Manju J.; Bhat S.S.; Nagarajan L.; Venkatesh R.P.	Development of eco-friendly FRP rebar building material with chopped pineapple fiber and Si3N4 bioceramic vinyl ester	2025	Biomass Conversion and Biorefinery	10.1007/s13399-024-06269-8	Scopus
104	Gomathi S.; Tamilvani P.; Loganathan P.; Shyamalagowri M.	Optimized Bi-Directional Buck-Boost Converter for Hybrid V2G Storage	2025	Proceedings of International Conference on Modern Sustainable Systems, CMSS 2025	10.1109/CMSS66566.2025.11182374	Scopus
105	Raj R.S.; Hema L.K.	Dynamic clustering optimization for energy efficient IoT Network: A simple constrastive graph approach	2025	Expert Systems with Applications	10.1016/j.eswa.2024.125875	Scopus
106	Saravana Kumar M.; Prabhahar M.; Prakash S.; Hari Krishnan H.R.; Vijay B.	Improvement of a Battery Pack Enclosure Fabricated from a Polymer Composite Material for Electric Vehicles	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_27	Scopus
107	Balakrishnan S.; Simonthomas S.; Kumar S.S.; Rao K.S.; Kannan M.M.	Optimizing Smart Grid Performance through Real-Time State Estimation and Forecasting using Deep Learning based LSTM Models	2025	2025 IEEE 2nd International Conference on Green Industrial Electronics and Sustainable Technologies, GIEST 2025	10.1109/GIEST66547.2025.11387390	Scopus
108	Rajendran M.P.; Ramaswamy K.; Varadharajan V.; Rajendran J.; Thangavel M.; Kumar V.; Govindaraj J.	Bluetooth controlled robot with ultrasonic object detection using Arduino and L293d driver	2025	AIP Conference Proceedings	10.1063/5.0275769	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
109	Rajesh M.; Rajalingam B.	A modified sol-gel synthesis protocol for high-quality $ZnSnO_3$ thin films with enhanced electrical and optical properties for energy and sensor applications	2025	MethodsX	10.1016/j.mex.2025.103629	Scopus
110	Ramakrishnan R.; Jambunathan L.; Rajendran A.	Effect of EPS concrete: "structural performance and environmental impact on pollution control: an assessment of expanded polystyrene (EPS) concrete for sustainable construction"	2025	Environmental Science and Pollution Research	10.1007/s11356-025-36785-7	Scopus
111	Nallusamy S.; Devabalaji K.R.; Yuvaraj T.; Zneid B.A.; Zaitsev I.	A Four-Port Arduino-Controlled Nonisolated Bidirectional DC-DC Converter for Enhanced Solar-PV and Grid-Integrated Energy Systems	2025	International Transactions on Electrical Energy Systems	10.1155/etep/9067501	Scopus
112	Ramachandram V.; Ramani R.; Durga Pavani A.D.; Giji Kiruba D.G.; Meenatchiammai N.; Amirthalingam V.	Sustainable IoT Networks: An Energy-Efficient, Anomaly-Resilient Routing Framework	2025	2025 10th International Conference on Research in Intelligent Computing in Engineering, RICE 2025	10.1109/RICE67503.2025.11439919	Scopus
113	Balsingh S.M.; Krishnamoorthi S.; Prakash S.; Babu J.M.	Analysis of Performance, Combustion Dynamics and Emission Profiles of a VCR Multi-Fuel Engine with Ethanol-Plastic Oil Blend	2025	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.1.01	Scopus
114	Prakash S.; Arunraj A.; Paranthaman A.; Kishore R.	Wind Based DFIG Integrated Grid System Using Adaptive P&O Based MPPT Controller	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176765	Scopus
115	Prabhahar M.; Prakash S.; Boobesh Kumar P.; Kalidhasan B.	Enhanced Performance and Emission Characteristics of Soybean Biodiesel using TiO2 Nanoparticles in CRDI Engines: A Comprehensive Analysis	2025	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt25114	Scopus
116	Shyamalagowri M.; Sarathkumar P.; Jeevakumar P.; Logasuriyaa C.; Sathish R.	Optimizing Electric Vehicle Efficiency: Customizable Driving Cycles for Energy Savings	2025	AIP Conference Proceedings	10.1063/5.0246683	Scopus
117	Eswaramoorthy N.; Harikrishnan L.; Selvaraj Y.; Shyma A.P.; Lakshmanan K.; Rajesh P.; Raguram T.	Eco-friendly carbon quantum dots from coffee waste: Improving charge transfer in solid-state perovskite solar cells	2025	Diamond and Related Materials	10.1016/j.diamond.2025.112386	Scopus
118	V H.; R S.; J G.J.; Kailiappan N.; K V.; E S.K.; K K.P.	Enhanced combustion and emission characteristics of diesel-algae biodiesel-hydrogen blends in a single-cylinder diesel engine	2025	Results in Engineering	10.1016/j.rineng.2025.104676	Scopus

List of VMRF (DU) Publications Made on SDG-7 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
119	Shyamalagowri M.; Navin N.; Rubasree D.; Navaneetha Krishnan T.; Devarajan R.	Improved Power Factor Performance in Electric Vehicle Battery Charging via Modified Bridgeless Landsmans Converter	2025	Lecture Notes in Electrical Engineering	10.1007/978-981-96-1587-2_24	Scopus
120	Musthafa B.; Prabhahar M.	Experimental and numerical analysis of performance and emission characteristics of CI engine using Juliflora-Gulmohar biodiesel/blends and ANN prediction using MATLAB	2025	Case Studies in Thermal Engineering	10.1016/j.csite.2025.106338	Scopus
121	Prakash S.; Perumal M.; Kamali H.; Lokesh Kumar K.	Design and Control of a Z-Source-Based 7-Level Inverter for High-Performance Grid Applications	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176570	Scopus
122	Monisha S.; Suriya P.; Johny S.; Biju A.; Scaria N.M.	Sustainable Civil Engineering Practices: Implementing Green Building Technologies with AI Assistance	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025	10.1109/CE2CT64011.2025.10939206	Scopus


SDG8

SDG 8 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	21st June 2025	Mock Interview Session	School of Allied Health Sciences
2	24th June 2025	Workshop on Medical Coding	Placement Cell, SAHS
3	30 June–2 July 2025	Finishing School Programme 2025: From Classroom to Workplace	School of Allied Health Sciences
4	July 4, 2025	Memorandum of Understanding with Tamil Nadu Apex Skill Development Centre for Logistics	Department of Management, Aarupadai Veedu Institute of Technology
5	2 August 2025	MoU with Magic Bus India Foundation for Employability Skills	Department of Management, AVIT
6	2 August 2025	Mega Job Fair	MBA Department, AVIT
7	August 21, 2025	MoU with ExcelR Edtech Pvt. Ltd.	MBA Department, AVIT
8	August 25, 2025	Session on the Role of Intellectual Property Rights for Entrepreneurs	Department of Computer Science and Engineering, in association with IIC, VMKVEC
9	25 August–29 October 2025	Artificial Intelligence Internship at iStudio	Aarupadai Veedu Institute of Technology
10	30th August 2025	Entrepreneurship Awareness Programme	E-Cell and Institution's Innovation Council, School of Allied Health Sciences
11	11th September 2025	Symposium on Clinical Entrepreneurship	IQAC, AVMC
12	15–17 September	Finishing School Programme for	Vinayaka Mission's

	2025	Final-Year B.Pharm Students	College of Pharmacy
13	24 September 2025	Campus Recruitment Drive with Apollo Hospitals, Chennai	Career & Counselling – Placement Cell, VMCN. PDY
14	25 September 2025	Workshop on Resume Building	Placement Cell, SAHS, Chennai
15	2 September 2025	Career Guidance Programme for Optometry Students	Department of Optometry, SAHS, KKL
16	14 October 2025	Expert Lecture on Advanced Certifications with L&T EduTech	Department of Civil Engineering, AVIT
17	16th October 2025	One-Day Skill Development Programme on Women's Entrepreneurship	Aarupadai Veedu Institute of Technology, in collaboration with ISR-UBA
18	1 November 2025	Student Online Course and Cybersecurity Research Internship	Aarupadai Veedu Institute of Technology
19	25–27 November 2025	Career Guidance Programme with Magic Bus India Foundation	Placement Cell, SAHS, SLM
20	27 November 2025	Career Guidance Programme: What After 12th?	Placement Cell, SAHS, SLM

DETAILED EVENT REPORTS

1. Mock Interview Session

Date: 21st June 2025

Organising institution / department: School of Allied Health Sciences

Event report: On 21 June 2025, the Placement Cell of the School of Allied Health Sciences, in collaboration with Confido Pvt. Ltd., conducted a Mock Interview Session. The session gave students an opportunity to experience real-time interviews, receive feedback, and improve their communication and presentation skills.



2. Workshop on Medical Coding

Date: 24th June 2025

Organising institution / department: Placement Cell

Event report: On 24 June 2025, the Placement Cell hosted a Workshop on Medical Coding featuring experts from D Vine Healthcare.



3. Finishing School Programme 2025: From Classroom to Workplace
Date: 30 June–2 July 2025
Organising institution / department: School of Allied Health Sciences
Event report: The Finishing School Programme continued over 30 June, 1 July and 2 July 2025, with sessions focusing on skill-building, communication enhancement and personal development through interactive activities and expert guidance.



4. Memorandum of Understanding with Tamil Nadu Apex Skill Development Centre for Logistics

Date: July 4, 2025

Organising institution / department: Department of Management, Aarupadai Veedu Institute of Technology

Event report: On 4 July 2025, the Department of Management, Aarupadai Veedu Institute of Technology, signed a Memorandum of Understanding with the Tamil Nadu Apex Skill Development Centre for Logistics (TNASDCL).

5. MoU with Magic Bus India Foundation for Employability Skills

Date: 2 August 2025

Organising institution / department: Department of Management, AVIT

Event report: On 2 August 2025, the Department of Management, AVIT, signed a Memorandum of Understanding with Magic Bus India Foundation at VMCC. The partnership aims to bridge the gap between academic learning and real-world employability skills.

6. Mega Job Fair

Date: 2 August 2025

Organising institution / department: MBA Department, AVIT

Place: VMCC

Event report: On 2 August 2025, the MBA Department, AVIT, in collaboration with Magic Bus India Foundation, organised a job fair at VMCC. HR representatives from more than 25 companies across diverse industries participated, offering on-the-spot interviews and immediate offer letters to students.



7. MoU with ExcelR Edtech Pvt. Ltd.

Date: August 21, 2025

Organising institution / department: MBA Department, AVIT

Event report: The MBA Department of AVIT signed a Memorandum of Understanding with ExcelR Edtech Pvt. Ltd. on 21 August 2025 at VMCC.



8. Session on the Role of Intellectual Property Rights for Entrepreneurs

Date: August 25, 2025

Organising institution / department: Department of Computer Science and Engineering, in association with IIC, VMKVEC

Event report: On 25 August 2025, the Department of Computer Science and Engineering, in association with the Institution's Innovation Council (IIC), VMKVEC, conducted a session on the "Role of Intellectual Property Rights (IPR) for Entrepreneurs."



9. Artificial Intelligence Internship at iStudio

Date: 25 August–29 October 2025

Organising institution / department: Aarupadai Veedu Institute of Technology

Event report: Mr. Rahul Kumar completed an Artificial Intelligence Internship at iStudio from 25 August to 29 October 2025.



10. Entrepreneurship Awareness Programme

Date: 30th August 2025

Organising institution / department: E-Cell and Institution's Innovation Council, School of Allied Health Sciences

Place: Dr. ASG Auditorium

Event report: On 30 August 2025, the E-Cell and Institution's Innovation Council (IIC) of the School of Allied Health Sciences, in association with the State Institute of Rural Development & Panchayat Raj, District Panchayat Office, Salem, and Saraswathi Ammal Educational Social Welfare & Charitable Trust, organised an Entrepreneurship Awareness Programme under the Revamped Rashtriya Gram Swaraj Abhiyan (RRGSA) scheme.



11. Symposium on Clinical Entrepreneurship

Date: 11th September 2025

Organising institution / department: IQAC, AVMC

Event report: Rajesh Sivaprakasam, a transplant surgeon and entrepreneur from the United Kingdom, shared insights into emerging opportunities at the intersection of healthcare and entrepreneurship.



12. Finishing School Programme for Final-Year B.Pharm Students

Date: 15–17 September 2025

Organising institution / department: Vinayaka Mission's College of Pharmacy

Place: VMCP, Salem

Event report: Vinayaka Mission's College of Pharmacy organised a Finishing School Programme for final-year B.Pharm students from 15 to 17 September 2025 to enhance their employability skills and bridge the gap between academic learning and employment.

13. Campus Recruitment Drive with Apollo Hospitals, Chennai

Date: 24 September 2025

Organising institution / department: Career & Counselling – Placement Cell, VMCP, PDY

Event report: On 24 September 2025, the Career & Counselling – Placement Cell organised a campus recruitment drive with Apollo Hospitals, Chennai. Final-year nursing students participated and explored career opportunities in the healthcare institution.



14. Workshop on Resume Building

Date: 25 September 2025

Organising institution / department: Placement Cell, SAHS, Chennai

Event report: The Placement Cell conducted a Workshop on Resume Building, providing students with practical guidance on preparing structured resumes, highlighting achievements and tailoring resumes.



15. Career Guidance Programme for Optometry Students

Date: 26th September 2025

Organising institution / department: Department of Optometry, SAHS, KKL

Event report: On 26 September 2025, the Department of Optometry held a Career Guidance Programme for 100 third-year students. Mrs. Ramya, an optometrist from Kuwait, shared insights on careers in optometry and allied health.



16. Expert Lecture on Advanced Certifications with L&T EduTech

Date: 14 October 2025

Organising institution / department: Department of Civil Engineering

Event report: On 14 October 2025, the Department of Civil Engineering organised an expert lecture titled "Empowering Engineers: Advanced Certifications with L&T EduTech." The session was conducted by Mr. Nithyanandan Manikandan, Assistant Sales Manager, L&T EduTech, Chennai.



17. One-Day Skill Development Programme on Women's Entrepreneurship

Date: 16th October 2025

Organising institution / department: Aarupadai Veedu Institute of Technology, in collaboration with ISR-UBA

Event report: On 16 October 2025, Aarupadai Veedu Institute of Technology, in collaboration with ISR-UBA, conducted a One-Day Skill Development Programme on "Fostering Women's Entrepreneurship through Skills Training" at the adopted village of Arunkundram. Bharathi from Peace Trust Skill Development Centre, Chengalpattu, conducted hands-on sessions on candle making and paper gift bag production.



18. Student Online Course and Cybersecurity Research Internship

Date: 1 November 2025

Organising institution / department: Aarupadai Veedu Institute of Technology

Event report: Rajesh Kumar completed an online course on "Machine Learning Using Python," offered by Simplilearn SkillUp, on 1 November 2025. Anish Kumar (IV/VII/CSE (CS)) was offered a Cybersecurity Research Internship at the CS14 Lab, IIT Madras.

19. Career Guidance Programme with Magic Bus India Foundation

Date: 25–27 November 2025

Organising institution / department: Placement Cell

Place: SAHS Auditorium

Event report: The Placement Cell organised a career guidance programme in collaboration with Magic Bus India Foundation, Salem, from 25 to 27 November 2025 at the SAHS Auditorium. The programme highlighted life skills, employability training and career readiness.



20. Career Guidance Programme: What After 12th?

Date: 27 November 2025

Organising institution / department: Placement Cell. SAHS, SLM

Event report: The Placement Cell organised the Career Guidance Programme titled “What After 12th?” on 27 November 2025. Students from GHSS Mahabalipuram participated in the learning experience.



***

List of VMRF (DU) Publications Made on SDG-8 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Sabapathy P.C.; Parthiban A.; Bhusal C.K.; Singh S.; Sehgal R.; Qi X.	Recent improvements in starch films with cellulose and its derivatives–A review	2025	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2024.105920	Scopus
2	Jennifer H.G.; Indra S.	Street pulse: Unveiling the health mosaic - exploring physical health, mental wellness, and quality of life among street vendors	2025	Journal of Education and Health Promotion	10.4103/jehp.jehp_799_24	Scopus
3	Palraj K.; Divahar R.; Sangeetha S.P.	Green phase change materials for sustainable buildings: A pathway to low-carbon thermal management	2025	Journal of Energy Storage	10.1016/j.est.2025.118953	Scopus
4	Biju V.G.; Shihabudeen H.; Devabalaji K.R.; Abdul Latheef M.M.; Thomas T.; Mali G.	Federated Learning Based Crop Disease Detection in Precision Agriculture	2025	International Conference on Trends in Engineering Systems and Technologies, ICTEST 2025 - Proceedings	10.1109/ICTEST64710.2025.11042416	Scopus
5	Lasithamol N.; Sadath C.A.; Prasanth C.	A Farm-Level Exploration of the Factors Influencing Climate Change Adaptation Strategies among Rice Farmers in Kerala, India	2025	Agris On-line Papers in Economics and Informatics	10.7160/aol.2025.170105	Scopus
6	Uma Devi T.; Jayanthi L.N.; Amirthalingam V.; Babu J.J.; Muthulekshmi M.; Sharathkumar B.S.	ResNet-50-Based Fatigue Detection Using Facial Micro-Expressions and Blinking Analysis	2025	2nd International Conference on Artificial Intelligence for Innovations in Healthcare Industries, ICAIIHI 2025	10.1109/ICAIIHI67124.2025.11403585	Scopus
7	Balasubramaniam A.; Baskar V.V.; Jawahar Rani K.; Bhuvaanesh Ravikaruna Moorthy B.S.; Suresh M.; Murugan S.	Feedforward Neural Network for Temperature Forecasting in Smart Agriculture and Energy Planning	2025	2025 3rd World Conference on Communication and Computing, WCONF 2025	10.1109/WCONF64849.2025.11233741	Scopus
8	Maniraj S.P.; Monisha J.; Amutha R.; Kavitha R.; Shriidhar P.J.; Srinivasan C.	Agricultural Water Conservation through AI-Enhanced Solar IoT Networks	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10940116	Scopus
9	Monisha S.; Sangeetha S.P.	Helianthus annuus (Sunflower) and Gossypium herbaceum (Cotton) as a Phytoremediator of Chromium (Cr) in Tannery Wastewater	2025	Indian Journal of Environmental Protection		Scopus
10	Varshini G.; Vinush R.; Amaran S.; Sreekumar K.; Shobana R.	Comparing Adversarially Trained DCATL with CNNs for Plant Disease Classification	2025	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025	10.1109/ICCTDC64446.2025.11158188	Scopus
11	Mohammad R.E.A.; Veerasingam S.; Suresh G.; Rajendran S.; Sadasivuni K.K.; Ghani S.; Al-Khayat F.	Tackling environmental radionuclides contamination: A systematic review of chemical, biological, and physical remediation strategies	2025	Chemical Engineering Journal Advances	10.1016/j.ceja.2025.100802	Scopus

List of VMRF (DU) Publications Made on SDG-8 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
12	Lakshmi D.; Yuvaraj T.; Devabalaji K.R.; Thanikanti S.B.; Mahmud P.	Optimizing Hybrid Renewable Energy Sources and Grid Integration for Economic Analysis Using the Hunter-Prey Optimization Algorithm	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176764	Scopus
13	Rangegowda R.; Makhija H.; Mary Praveena J.; Swain D.K.; Malathi H.; Sree D.V.; Singh S.	Development of Predictive Models Using Applied Statistics for Crop Yield Optimization	2025	Genetics and Molecular Research	10.4238/qkwm5305	Scopus
14	Manibalan V.; Ramani D.; Bhat P.J.	Audiological profile of fishermen using fiber motor boats in Puducherry	2025	International Maritime Health	10.5603/imh.101888	Scopus
15	Muruhan S.; Nirmala C.; Gnanamathy G.; Roopa N.; Jayakumar M.	An overview of water quality, water pollutants, and the importance of nanomaterials in water remediation	2025	Current Advancements in Nanomaterials for Wastewater Remediation: Challenges and Mitigation Strategies	10.1016/B978-0-443-16112-4.00002-5	Scopus
16	Soni N.; Gupta P.; Singh S.D.K.; Velramar B.; Agrawal N.; Selvan S.T.; Pamidimarri S.D.V.N.; Singh R.K.	Conversion of Plastic Waste to Chemicals and Biofuels	2025	Valorization of Solid Wastes to Biofuels and Chemical Products for Sustainable World	10.1007/978-981-96-8594-3_4	Scopus
17	Chandra S.; Bhutani M.; Chethana C.; Ramaratnam M.S.; Misra D.; Kaur R.	Forecasting the Future: The Role of Digital Transformation in the Evolution of Industry 5.0 in Developing Economies	2025	Lecture Notes in Networks and Systems	10.1007/978-981-96-7707-8_21	Scopus
18	A S.; Alam A.F.; Yadav U.; Taj A.; Verma M.K.	Fostering AI literacy for future librarians	2025	College and Undergraduate Libraries	10.1080/10691316.2024.2425092	Scopus
19	Vaidehi V.; Hema R.; Srinivasan C.; Kumar P.S.V.S.; Ruba M.; Vivek V.	Optimizing Plant Disease Resistance Through Cloud-Enabled Microbiome Analysis Using Logistic Regression	2025	2025 International Conference on Computing and Communications, COMPUTINGCON 2025	10.1109/COMPUTINGCON64838.2025.11376916	Scopus
20	Thirugnanasambandham K.; Gomathi R.; Parameswari R.; Kossar S.; Rasool A.; Shinyjoy E.; Ganesamoorthy R.	Sustainable Approach of Real Municipal Wastewater Treatment Using Lactobacillus plantarum Strain, Aluminum Chloride and Moringa oleifera Seed	2025	Journal of Water Chemistry and Technology	10.3103/S1063455X25010060	Scopus
21	Gupta A.; Gawande U.; Chandwaskar R.; Yatoo N.A.; Srivastava R.; Alone P.A.	MANAGEMENT OF PRINTING CURRICULUM IN AI ERA	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6888	Scopus
22	Shimray S.R.; Subaveerapandiyan A.	AI and workforce dynamics: a bibliometric analysis of job creation, displacement and reskilling	2025	Global Knowledge, Memory and Communication	10.1108/GKMC-12-2024-0824	Scopus

List of VMRF (DU) Publications Made on SDG-8 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
23	Kirubakaran R.; Shameem N.; Saranya E.; Meenambigai K.; Dhanasekar R.; Parray J.A.; Yadav N.; Singh S.; Rustagi S.; Puri P.; Sharma B.; Negi R.; Yadav A.N.	Streptomyces as endomicrobiome: Potential bioinoculants for agricultural sustainability	2025	Journal of Applied Biology and Biotechnology	10.7324/JABB.2025.202260	Scopus
24	Thakur N.; Tapwal A.; Kumari K.; Thakur R.K.; Ganesamoorthy R.; Thirugnanasambandham K.	Advancements in biogenic nanoparticles synthesis, characterization and its mechanism in disease management	2025	Bioresource Technology Reports	10.1016/j.biteb.2025.102227	Scopus
25	Mukherjee S.; Thakur D.; Chandel P.K.; Chandra S.; Karia A.	Cultivating sustainable growth and well-being in digital financial education	2025	Exploring Psychology, Social Innovation and Advanced Applications of Machine Learning	10.4018/979-8-3693-6910-4.ch014	Scopus
26	Raghunandan G.; Ananthan S.; Iylin F.A.; Balasubramaniam R.; Thangam D.; Manickam T.; Haritha M.; Ramamurthy B.M.	Penetrating Digital Marketing Into Rural Areas by Deploying 5G Networks: An Indian Experience	2025	Addressing B5G and 6G Network Connectivity Issues in Rural Regions	10.4018/979-8-3693-7788-8.ch017	Scopus
27	Murugan S.K.; Rede G.D.; Baskaran T.L.; Kumari P.; Nuta A.C.	DETERMINANTS OF SOLAR WATER PUMPING SYSTEM ADOPTION AMONG FARMERS: A FACTOR ANALYSIS APPROACH	2025	Journal Of Economic Sciences: Theory And Practice	10.30546/jestp.2025.82.02.2016	Scopus
28	Vijayan D.S.; Devarajan P.; Mohanavel V.; Sankaran N.; Kannan S.; Ahsan M.S.	A Review of Sustainable Implications of Energy-Efficient Buildings in the Environment	2025	Advances in Civil Engineering	10.1155/adce/9584777	Scopus
29	Murugan S.K.; Kumari P.; Baskaran T.L.; Dimen L.; Nuta A.C.	Comparative Economic Impact of Green Energy Investments: Evidence from India, USA, Germany, and Denmark	2025	Energies	10.3390/en18143626	Scopus
30	Manikanda Devarajan N.; Thiruppathi M.; Azhagiri M.; Malika S.; Arunkumar Madhuvappan C.; Vinod Kumar D.	Assessing the Impact of Leaf Blight on Rice Production in India: An Emerging Challenge	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11382956	Scopus
31	Sahoo S.; Delhiraj N.; Desai M.; Selvarajan S.; Singh P.; Ghumman S.; Rangasamy A.	A SYSTEMATIC REVIEW OF ASSESSING THE IMPACT OF CLIMATE CHANGE ON MENTAL HEALTH IN PUBLIC HEALTH	2025	Genetics and Molecular Research	10.4238/bjv01a08	Scopus

List of VMRF (DU) Publications Made on SDG-8 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
32	Safare R.; Nirupama E.; Kunnathully K.; Ranjithkumar A.; Aradhya S.G.B.; Selvakumar P.; Manjunath T.C.	Environmental Diplomacy and Cross-Border Negotiations	2025	Cross-Border Cooperation in the Age of Climate Change	10.4018/979-8-3373-3972-6.ch009	Scopus
33	Tazeem P.A.; Usha S.; Jampana M.S.; Indrapriya M.; Saradha P.; Kumari M.E.	Artificial intelligence Comparative Analysis Job Role Predicting Resume Evaluation Human Resource Management	2025	2025 2nd IEEE International Conference for Women in Computing, InCoWoCo 2025	10.1109/InCoWoCo68239.2025.11407231	Scopus
34	Manikanda Devarajan N.; Azhagiri M.; Balakrishnan S.; Brinda Devi S.; Murali G.; Vinod Kumar D.	Revolutionizing Agriculture: AI-Powered Pest Control and Disease Management using CNNs	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11383267	Scopus
35	Misra D.; Sharma A.; Kumar B.R.; Ibrahim S.K.M.; Kshirsagar K.P.; Boopathi S.	Training for enhancing job opportunities and career empowerment in emerging markets	2025	Applications of Career Transitions and Entrepreneurship	10.4018/979-8-3693-4163-6.ch014	Scopus
36	Sujatha V.; Suriya R.; Sethuraman D.; Mohammed A.J.; Jagadeeswaran M.; Ganeshbabu T.R.	Real-Time Seedling Detection and Transplantation Using YOLOv5 in Autonomous Robotic Systems	2025	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025	10.1109/ICDICI66477.2025.11135160	Scopus
37	Roselin V.N.; Moniga S.; Fowmina C.; Mahalle A.; Pakhide Y.P.; Selvakumar P.; Manjunath T.C.	Gender Equity In Mathematics Curriculum Resources	2025	Integrating Gender Equity Into Mathematics Curriculum and Teacher Education	10.4018/979-8-3373-7245-7.ch002	Scopus
38	Venkatachalam S.K.; Senthilkumar D.; Duraisamy N.; Sheela T.; Moovendhan M.	Advancements in polysaccharide-based carriers for eco-friendly fungicide delivery	2025	Carbohydrate Polymer Technologies and Applications	10.1016/j.carpta.2025.101026	Scopus
39	Pathak A.; Saravanan M.; Srishti P.; Mary Praveena J.; Kurulekar M.; Taneja M.	PREDICTIVE ANALYTICS FOR FOLK ART MATERIAL REQUIREMENTSS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6880	Scopus
40	Kanagaraj K.; Nangan S.; Thirumalaivasan N.	Applications of carbon-based nanomaterials derived from plant extracts in composite materials	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00007-X	Scopus
41	Arulnangai R.; Muralitharan G.; Thabassoom H.A.; Ganesamoorthy R.; Thirugnanasambandham K.; Parameswari R.	Assessment of the adequacy of groundwater quality for residential and irrigation applications in India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101229	Scopus

List of VMRF (DU) Publications Made on SDG-8 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
42	Reddy A.R.S.; Nagaraja Rao P.P.; Gopinath V.; Tikhe K.; Ajai Kumar E.; Thangadurai N.	Integrating UAV and IoT Technologies for Precision Agriculture: Efficient Seed Dropping, Fertilization, and Pest Control	2025	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025	10.1109/I2ITCON65200.2025.11210451	Scopus
43	Venkatachalam R.; Supriya S.; Deshpande M.R.; Vaidevi C.; Bhattacharya S.	Implementing Zero Liquid Discharge Systems to Minimize Industrial Wastewater Residues in Mechanical Manufacturing Processes	2025	Springer Water	10.1007/978-3-031-84909-1_3	Scopus
44	Malaiyappan P.; Ramya E.D.; Arul V.; Ganesan G.	Dengue Fever: A Rare Perspective and Emerging Strategies for Sustainable Global Control	2025	Journal of Communicable Diseases	10.24321/0019.5138.202536	Scopus


SDG9

SDG 9 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	7 June 2025	Industry-Designed OBE Digital Campus with HCLTech	VMRF (DU), in collaboration with HCLTech Career Shaper
2	19 June 2025	MoU between VMRF (DU) and Unitos Trading Pvt. Ltd. (Unitos Aero Drone Solutions)	VMRF (DU)
3	15 July 2025	Workshop on Advancements in Fuel Cell Technology for Academic Research	Department of Electrical and Electronics Engineering
4	18th July 2025	Workshop on Digital Dentistry: Complete Digital Workflow	Department of Prosthodontics, VMSDC
5	22 July 2025	Industrial Visit to Micro Therapeutic Research Labs	Department of Biotechnology, AVIT
6	29 July 2025	Seminar on Challenges Faced in Construction Projects Due to Soil Settlement Issues	Department of Electrical and Electronics Engineering
7	30 July 2025	Two-Day Hands-on Training on Building XR Applications	Aarupadai Veedu Institute of Technology
8	04 August 2025	Skill Development Training by CSE Department and ICT Academy	Department of Computer Science and Engineering
9	7 August 2025	Alumni Lecture on Advanced Tools and Fixture Design in Industry 5.0	Department of Mechanical Engineering
10	8 August 2025	Industrial Visit to Retech	Aarupadai Veedu Institute of Technology
11	12 August 2025	Innovation and Incubation Orientation Session	Institution's Innovation Council, SAHS, SLM
12	14th August 2025	Regional Conference on Chemical Sciences	Department of Chemistry, in association with Indian

			Chemical Society – Tamil Nadu Branch
13	18 August 2025	Student-Led Session on Innovation in Artificial Intelligence	The Science Club, VMKVEC
14	21st August 2025	IPR Awareness Programme: Protecting Ideas for a Competitive Edge	Department of Pharmaceutical Engineering
15	August 25, 2025	Session on the Role of Intellectual Property Rights for Entrepreneurs	Department of Computer Science and Engineering, in association with IIC
16	29 August 2025	Research Workshop	Department of Physiotherapy, SPT
17	6 September 2025	Workshop on IPR and Artificial Intelligence	Department of Physiotherapy, SPT
18	15 September 2025	Seminar on Transforming Engineering Design – Role of CAE in Rapid Product Development	Department of Mechanical Engineering, in association with AMEA, AVIT
19	15–16 September 2025	Hands-on Training on Next-Generation AI Tools in Bioinformatics	Department of Biotechnology, AVIT
20	28th September 2025	SAE Event and Guest Lecture on Recent Trends in Electric Vehicle Technology	Department of Mechanical Engineering
21	October 14, 2025	Expert Lecture on Advanced Certifications with L&T EduTech	Department of Civil Engineering, AVIT
22	15–17 October 2025	Three-Day Workshop on AI and Its Applications	Department of Computer Science and Engineering, in collaboration with AI Nexus Club
23	24 October 2025	Workshop on Advanced Structural Analysis Using ANSYS	Department of Civil Engineering
24	29 October 2025	INNERVE'25 – Technical Symposium and Inventathon	Departments of Electronics and Communication Engineering and Biomedical Engineering, AVIT
25	15 November	Inauguration of Skill Laboratory	Department of Accident and

	2025		Emergency Care Technology
26	20 November 2025	Seminar on Nanomaterials: The Building Block of Tomorrow's Innovations	Physics and Chemistry Divisions, AVIT
27	26 November 2025	Symposium on Scalable XR Innovations	IIT Madras symposium
28	9 December 2025	Workshop on Design Thinking, Critical Thinking and Innovation	Vinayaka Mission's Kirupananda Variyar Engineering College
29	12 December 2025	Seminar on Software Development and AI for the Next Generation	Department of Computer Science and Engineering, AI Nexus Club and IIC
30	18 December 2025	Workshop on Intellectual Property Rights	Christ College
31	20 December 2025	One-Day Workshop on Intellectual Property Rights and Patents	VMRF (DU)

DETAILED EVENT REPORTS

1. Industry-Designed OBE Digital Campus with HCLTech

Date: 7 June 2025

Organising institution / department: VMRF (DU), in collaboration with HCLTech Career Shaper

Event report: VMRF (DU) and HCLTech Career Shaper launched an industry-designed Outcome-Based Education (OBE) Digital Campus on 7 June 2025. The partnership connected academic delivery with industry-designed digital education and employability objectives.

2. MoU between VMRF (DU) and Unitos Trading Pvt. Ltd. (Unitos Aero Drone Solutions)

Date: 19 June 2025

Organising institution / department: VMRF (DU)

Place: Board Room, VMRF (DU), Salem

Event report: VMRF (DU) signed a Memorandum of Understanding with Unitos Trading Pvt. Ltd. (Unitos Aero Drone Solutions), Salem, on 19 June 2025.

3. Workshop on Advancements in Fuel Cell Technology for Academic Research

Date: 15 July 2025

Organising institution / department: Department of Electrical and Electronics Engineering

Event report: The Department of Electrical and Electronics Engineering conducted a one-day workshop on "Advancements in Fuel Cell Technology for Academic Research" on 15 July 2025.



4. Workshop on Digital Dentistry: Complete Digital Workflow

Date: 18th July 2025

Organising institution / department: Department of Prosthodontics

Event report: The Department of Prosthodontics conducted a one-day workshop titled "Zero to Zen in Digital Dentistry – A Complete Digital Workflow" on 18 July 2025 at Founders Hall.



5. Industrial Visit to Micro Therapeutic Research Labs

Date: 22 July 2025

Organising institution / department: Department of Biotechnology

Event report: On 22 July 2025, the Department of Biotechnology, Aarupadai Veedu Institute of Technology, organised an industrial visit for second-, third- and final-year students to Micro Therapeutic Research Labs.



6. Seminar on Challenges Faced in Construction Projects Due to Soil Settlement Issues
Date: 29 July 2025
Organising institution / department: Department of Electrical and Electronics Engineering
Event report: The Department of Electrical and Electronics Engineering conducted a one-day workshop on "Advancements in Fuel Cell Technology for Academic Research" on 15 July 2025.

7. Two-Day Hands-on Training on Building XR Applications
Date: 30 July 2025
Organising institution / department: Aarupadai Veedu Institute of Technology
Event report: AVIT conducted a two-day hands-on training programme on building Extended Reality (XR) applications at the Intel Lab. The training provided participants with practical experience in XR application development.

8. Skill Development Training by CSE Department and ICT Academy
Date: 04 August 2025
Organising institution / department: Department of Computer Science and Engineering
Event report: The Department of Computer Science and Engineering, in collaboration with ICT Academy, hosted skill-development initiatives on 4 August 2025, including a CSR Training Programme in Robotic Process Automation.



9. Alumni Lecture on Advanced Tools and Fixture Design in Industry 5.0

Date: 7 August 2025

Organising institution / department: Department of Mechanical Engineering

Event report: On 7 August 2025, the Department of Mechanical Engineering organised an alumni lecture on "Advanced Tools and Fixture Design in Industry 5.0," featuring Mr. Praveen Kumar V, Design Engineer at Violett.



10. Industrial Visit to Retech

Date: 8 August 2025

Organising institution / department: Aarupadai Veedu Institute of Technology

Event report: Students visited Retech and gained insights into CNC laser-cutting technology, design software and embedded systems.



11. Innovation and Incubation Orientation Session

Date: 12 August 2025

Organising institution / department: Institution's Innovation Council, SAHS, SLM

Event report: The Institution's Innovation Council conducted an Innovation and Incubation Orientation Session on 12 August 2025 as part of the Student Induction Programme – Deeksharambh 2025–2026.



12. Regional Conference on Chemical Sciences

Date: 14th August 2025

Organising institution / department: Department of Chemistry, in association with Indian Chemical Society – Tamil Nadu Branch

Place: Annapoorana Engineering College, Salem

Event report: The Department of Chemistry, in association with the Indian Chemical Society – Tamil Nadu Branch, organised a Regional Conference on "Chemical Sciences – Retrospect, Realities, and Future Horizons" on 14 August 2025.

13. Student-Led Session on Innovation in Artificial Intelligence

Date: 18 August 2025

Organising institution / department: The Science Club, VMKVEC

Event report: The student-led programme explored emerging Artificial Intelligence paradigms and their applications in academic and research activities.



14. IPR Awareness Programme: Protecting Ideas for a Competitive Edge

Date: 21st August 2025

Organising institution / department: Department of Pharmaceutical Engineering

Event report: The Department of Pharmaceutical Engineering conducted an IPR awareness programme titled "IPR Awareness: Protecting Ideas for a Competitive Edge" on 21 August 2025.



15. Session on the Role of Intellectual Property Rights for Entrepreneurs

Date: August 25, 2025

Organising institution / department: Department of Computer Science and Engineering, in association with IIC

Event report: The Department of Computer Science and Engineering, in association with the Institution's Innovation Council, VMKVEC, conducted a session on the "Role of Intellectual Property Rights (IPR) for Entrepreneurs" on 25 August 2025.



16. Research Workshop

Date: 29 August 2025

Organising institution / department: Department of Physiotherapy

Place: AVIT, Chennai

Event report: The Department of Physiotherapy organised a Research Workshop to enhance research aptitude and scholarly skills, covering research methodology, data collection and analysis.

17. Workshop on IPR and Artificial Intelligence

Date: 6 September 2025

Organising institution / department: Department of Physiotherapy

Event report: On 6 September 2025, the Physiotherapy Department organised a workshop on Intellectual Property Rights and Artificial Intelligence, focusing on ownership and ethical considerations.



18. Seminar on Transforming Engineering Design – Role of CAE in Rapid Product Development

Date: 15 September 2025

Organising institution / department: Department of Mechanical Engineering, in association with AMEA, AVIT

Event report: The Department of Mechanical Engineering, in association with the Association of Mechanical Engineers of AVIT, organised a one-day seminar on "Transforming Engineering Design – Role of CAE in Rapid Product Development." The seminar provided insights into Computer-Aided Engineering applications in product design and development.



19. Hands-on Training on Next-Generation AI Tools in Bioinformatics

Date: 15–16 September 2025

Organising institution / department: Department of Biotechnology, AVIT

Event report: The Department of Biotechnology, AVIT, organised a two-day hands-on training programme on Next-Generation AI Tools in Bioinformatics on 15 and 16 September 2025, in collaboration with Simbioen Labs and Scientific Service Labs, Chennai.



20. SAE Event and Guest Lecture on Recent Trends in Electric Vehicle Technology

Date: 28th September 2025

Organising institution / department: Department of Mechanical Engineering

Event report: On 28 September 2025, the Department of Mechanical Engineering held its inaugural SAE event for working professional students. The morning session featured a guest lecture on recent trends in Electric Vehicle Technology.



21. Expert Lecture on Advanced Certifications with L&T EduTech

Date: October 14, 2025

Organising institution / department: Department of Civil Engineering, AVIT

Event report: The Department of Civil Engineering organised an expert lecture titled "Empowering Engineers: Advanced Certifications with L&T EduTech" on 14 October 2025.



22. Three-Day Workshop on AI and Its Applications

Date: 15–17 October 2025

Organising institution / department: Department of Computer Science and Engineering, in collaboration with AI Nexus Club

Event report: The Department of Computer Science and Engineering, in collaboration with the AI Nexus Club, organised a three-day workshop on "AI and Its Applications" from 15 to 17 October 2025. Topics included Artificial Intelligence fundamentals, no-code tools, explainable AI and generative AI.

23. Workshop on Advanced Structural Analysis Using ANSYS

Date: 24 October 2025

Organising institution / department: Department of Civil Engineering

Event report: The Department of Civil Engineering conducted a one-day workshop on Advanced Structural Analysis using ANSYS on 24 October 2025. Participants received hands-on training in structural simulation and analysis.



24. INNERVE'25 – Technical Symposium and Inventathon

Date: 29 October 2025

Organising institution / department: Departments of Electronics and Communication Engineering and Biomedical Engineering, AVIT

Event report: The Departments of Electronics and Communication Engineering and Biomedical Engineering, AVIT, hosted the technical symposium "INNERVE'25 – Unleashing Ideas, Inspiring Innovation" on 29 October 2025.



25. Inauguration of Skill Laboratory

Date: 15 November 2025

Organising institution / department: Department of Accident and Emergency Care Technology

Event report: The Department of Accident and Emergency Care Technology inaugurated a Skill Laboratory to strengthen practical training and clinical competency among students.



26. Seminar on Nanomaterials: The Building Block of Tomorrow's Innovations

Date: 20 November 2025

Organising institution / department: Physics and Chemistry Divisions

Event report: The Physics and Chemistry Divisions organised a seminar titled "Nanomaterials: The Building Block of Tomorrow's Innovations," featuring Dr. K. D. Nisha, Associate Professor, Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur, Chennai as the resource person.



27. Symposium on Scalable XR Innovations

Date: 26 November 2025

Organising institution / department: AVIT

Event report: Dr. M. Muthukumaran, along with three students participated in the XR Symposium for Global South, held on November 28 at IIT Madras. The symposium brought together global experts to discuss scalable Extended Reality (XR) innovations for the Global South. Keynotes from Qualcomm, Meta, Ericsson, Samsung R&D, Accenture and Dolby covered spatial computing, XR for 6G and immersive applications.



28. Workshop on Design Thinking, Critical Thinking and Innovation

Date: 9 December 2025

Organising institution / department: Vinayaka Mission's Kirupananda Variyar Engineering College

Place: Government Primary School

Event report: Vinayaka Mission's Kirupananda Variyar Engineering College, Salem, organised a workshop on design thinking, critical thinking and innovation, focusing on creativity, problem-solving and innovation among students.



29. Seminar on Software Development and AI for the Next Generation

Date: 12 December 2025

Organising institution / department: Department of Computer Science and Engineering, AI Nexus Club and IIC

Place: Indoor Auditorium, AVIT, Chennai Campus

Event report: The Department of Computer Science and Engineering, in association with the AI Nexus Club and the Institution's Innovation Council, organised a seminar titled "Software Development & AI for the Next Generation" on 12 December 2025 at the Indoor Auditorium, AVIT, Chennai Campus.

30. Workshop on Intellectual Property Rights

Date: 18 December 2025

Organising institution / department: VMCP, PDY

Event report: The Institution Innovation Council organised a workshop titled "Intellectual Property Rights Essential: Empowering Nursing Innovation and Entrepreneurship in Nursing" on 18 December 2025. The source records an Intellectual Property Rights workshop led by Edna Sweenie J, IIC President and Principal-cum-Professor, VMCON, covering the fundamentals of Intellectual Property Rights.



31. One-Day Workshop on Intellectual Property Rights and Patents

Date: 20 December 2025

Organising institution / department: VMRF (DU)

Event report: VMRF (DU) organised a one-day workshop on Intellectual Property Rights and Patents on 20 December 2025 at Aarupadai Veedu Institute of Technology.



***

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Sellamuthu P.; Gibu J.P.; Kumar V.P.S.; Reddy S.M.; Sivaraman G.; Ramakrishnan A.; Girimurugan R.	Experimental investigations and optimization of process parameter through high speed hard turning process on C45 steel	2025	AIP Conference Proceedings	10.1063/5.0276022	Scopus
2	Sankaranarayanan N.; Gayathiri E.; Nagarajan P.; Patil S.J.; Prakash P.	Ethical issues and safety features of nanomaterials in food packaging	2025	Nanotechnology in Food Packaging	10.1007/978-3-031-82399-2_7	Scopus
3	Baskaran D.; Nagarajan L.; Saravanan P.; Byun H.-S.	Understanding the characteristics of SO2 capture: Effect of solar-assisted adsorbent, isotherms, kinetics, thermodynamics, and mechanism	2025	Alexandria Engineering Journal	10.1016/j.aej.2025.05.031	Scopus
4	Aggarwal D.; Reddy P.; Patil M.; Kumar A.S.; Guo Q.; Kumar S.K.; Pal P.	Biodegradable Polymer Nanocomposites from Agricultural Waste for Sustainable Packaging Applications	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1233	Scopus
5	Kittappa T.; Manjunath L.; Suresh G.B.; Selvi K.; Murali P.M.; Revathi V.	Advanced Block Chain of Electronics Health Care Medical Record Systems Wearable Device Industry 5.0	2025	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025	10.1109/IDCIOT64235.2025.10915067	Scopus
6	Chandrabose G.S.; Sahu R.S.; Sundar M.A.; Homavazir Z.; Kalidhas A.M.; Solanki S.; Mahajan S.	A PUBLIC HEALTH EVALUATION OF EFFECTIVENESS OF VACCINATION PROGRAMS IN LOW – INCOME COUNTRIES	2025	Genetics and Molecular Research	10.4238/h5vt2n11	Scopus
7	Devarajan R.; Selvam P.	Design and Implementation of Solar Powered Induction Heater	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988003	Scopus
8	Patel J.; Gupta S.; Jayapalan S.; Singh S.P.; Dev A.; Deokar A.A.	3D PRINTING FOR PHOTOGRAPHIC RELIEF SCULPTURES	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6887	Scopus
9	Nangan S.; Gopi S.; Kanagaraj K.	Green synthesized carbon nanomaterials in microelectronics	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00003-2	Scopus
10	Sivashankar K.; Sengodan N.; Jeyaseelan A.C.; Sundaran A.; Nair K.R.	Optimizing face milling parameters for high-speed machining of AA6061 aluminum alloy: A central composite design approach for enhanced performance	2025	AIP Conference Proceedings	10.1063/5.0275789	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
11	Saranya R.; Jansi K.R.; Gowthami M.; Priya N.; GaneshBabu T.R.; Murugan S.	Autonomous Voltage Stabilization in Hybrid Energy Grids with Reinforcement Learning	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988209	Scopus
12	Salam I.A.; Subramanian S.; Mandal R.K.; Veeramani V.	Wear characteristic optimization of Al7075 metal matrix composites applying Taguchi method	2025	AIP Conference Proceedings	10.1063/5.0275785	Scopus
13	Rajesh M.; Babu R.G.; Moorthy U.; Easwaramoorthy S.V.	Machine learningdriven framework for realtime air quality assessment and predictive environmental health risk mapping	2025	Scientific Reports	10.1038/s41598-025-14214-6	Scopus
14	Ranganathan C.S.; Arokiaraj Jovith A.; Selvarani P.; Saravana Kumar S.; Sujatha S.; Niranjan Kumar K.A.	IoT-Driven Green Building Materials and Life Cycle Assessment with Gradient Boosting Machines	2025	2024 International Conference on Smart Technologies for Sustainable Development Goals, ICSTSDG 2024	10.1109/ICSTSDG61998.2024.11026661	Scopus
15	Pothula N.; Sunkara N.; Vanitha R.; Thiyagesan M.; Aancy H.M.; Mallala B.	Beluga Whale Optimization for Effective Energy Management in Microgrids with Electric Vehicle Charging in Smart Distribution Networks	2025	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025	10.1109/ICMSCI62561.2025.10894279	Scopus
16	Srinivasan R.; Rajakannu A.; Rajesh S.; Babu J.S.; Dinesh G.; Mayakannan S.	Friction Stir Additive Manufacturing of AA7075/Al2O3 and Al/MgB2 Composites for Improved Wear and Radiation Resistance in Aerospace Applications	2025	Journal of Environmental Nanotechnology	10.13074/jent.2025.03.2441017	Scopus
17	Nayak D.K.; Devi S.; Poornima P.; Munjal S.; Verma S.K.; Doifode V.R.	MANAGING SCULPTURE WORKSHOPS THROUGH DIGITAL TWINS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i1s.2025.6626	Scopus
18	Elumalai S.; Somasundaram A.; Ramasamy P.	A comprehensive review on nanochitosan and its diverse applications in various industries	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.141150	Scopus
19	Ling Z.; Behera K.K.; Dave P.D.; Chandrabose G.S.; Kumar R.; Singh S.; Prabavathy S.	Impact of Telemedicine on Healthcare Accessibility and Clinical Outcomes in Rural Populations	2025	Genetics and Molecular Research	10.4238/ajbbyj77	Scopus
20	Mitra B.; Singh A.; Sharma P.; Khalique F.; Yatoo N.A.; Das S.R.; Chavan G.	MANAGEMENT MODELS FOR DIGITAL ART ACADEMIES	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i4s.2025.6872	Scopus
21	Chandrasekharan T.; Natarajan E.; Muthuswamy P.; Jayapalan S.; Kuppuswami S.	Investigation on the efficiency of ZrN and CuN multi-layer coatings in advanced machining processes	2025	AIP Conference Proceedings	10.1063/5.0276157	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
22	Kanagaraj K.; Nangan S.; Thirumalaivasan N.	Applications of carbon-based nanomaterials derived from plant extracts in composite materials	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00007-X	Scopus
23	Venkatachalam R.; Supriya S.; Deshpande M.R.; Vaidevi C.; Bhattacharya S.	Implementing Zero Liquid Discharge Systems to Minimize Industrial Wastewater Residues in Mechanical Manufacturing Processes	2025	Springer Water	10.1007/978-3-031-84909-1_3	Scopus
24	Natarajan R.; Kanagaraj S.; Palaniappan T.; Dhanaskodi D.	Machinability studies on metal additive manufactured 316L stainless steel using electrochemical machine	2025	Journal of Electrochemical Science and Engineering	10.5599/jese.2567	Scopus
25	Bhanuprakash L.; Kavitha M.; Kuttimarks M.S.; Arunkumar S.; Nandhakrishnan A.; Mayakannan S.	Optimising EDM Process Parameters for Aged AA2024/B4C Metal Matrix Composites: Enhancing Mechanical Properties and Machining Efficiency	2025	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.5.29	Scopus
26	Pethappachetty P.; Thirupathi K.; Moorthy P.; Kumar M.; Prakash M.; Govindharaj A.	Pharmaceutical Manufacturing Sectors Regulatory-Based Operation Management for Parenteral Preparations	2025	International Journal of Pharmaceutical Investigation	10.5530/ijpi.20251622	Scopus
27	Tiwary A.; Priyadharshini J.; Rajput A.; Mohanty M.; Veeramuthu A.; Kaur S.; Deokar A.A.	MANAGEMENT OF DIGITAL PRINTING STUDIOS WITH AI TOOLS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i4s.2025.6834	Scopus
28	Prasad D.; Deshpande A.; Wang X.; Casmir G.A.; Goyal A.; Srividya A.	Collaborative Robot Integration Strategies for Flexible Assembly Lines in Small-Medium Enterprises	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1237	Scopus
29	Parthiban D.; Vijayan D.S.; Sundar S.S.; Sivasuriyan A.	Engineering Behavior Assessment of Weak Soil Stabilized Using Amalgamated Geopolymer with Industrial Waste—An Experimental Study	2025	Lecture Notes in Civil Engineering	10.1007/978-981-96-1873-6_4	Scopus
30	Sundarrajan A.; Subramanian S.; Muthuswamy P.; Teji J.; Salam M.R.B.	Investigating the mechanical characteristics of hybrid laminates utilizing glass fiber, almond shell and epoxy resin	2025	AIP Conference Proceedings	10.1063/5.0275786	Scopus
31	Kishore B.A.; Desai A.; Tiwari S.; Arul V.	Advances in Nanoparticle-Based Drug Delivery Systems: Enhancing Targeted Therapeutic Efficacy in Pharmaceutical Science and Technologycrete Technology	2025	Journal of Neonatal Surgery	10.52783/jns.v14.1717	Scopus
32	Gayathri P.; Balamurugan J.; Gowthami M.; Usha R.; Karthick R.; Senthamil Selvan R.	Factors influencing customers' inclination to buy green products: An indian perspective	2025	Elevating Brand Loyalty With Optimized Marketing Analytics and AI	10.4018/979-8-3693-9954-5.ch009	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
33	Suresh G.; Kumar T.V.; Muraliraja R.; Padmapriya A.	Eco-Friendly Ni-P-TiO_2 Composite Coatings on AH36 Steel Using Plant-Extracted Nanoparticles for Marine Corrosion Resistance	2025	Tribology in Industry	10.24874/ti.2023.09.25.11	Scopus
34	Thummala H.; Priyanka K.; Sayana S.B.; Kandimalla R.	MICROBIAL PRODUCTION OF BIOSURFACTANTS AND THEIR BIOCHEMICAL CHARACTERIZATION	2025	Asian Journal of Pharmaceutical and Clinical Research	10.22159/ajpcr.2025v18i11.56591	Scopus
35	Mohanan A.S.; Rajasekaran K.; Manickam N.; Vellaisamy S.G.; Gopalan K.	Therapeutic Advances, Diagnostic Innovations, and Strategic Priorities for Global Scabies Control: An Integrative Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.2026111	Scopus
36	Soudagar M.E.M.; Bashir M.N.; Vijayan D.S.; Hossain I.; Kannan S.; Obaid S.A.; Lee J.S.	Study of antimicrobial and mechanical behaviors on kapok fiber reinforced bran particulates blended epoxy matrix composite	2025	Thermal Science and Engineering Progress	10.1016/j.tsep.2024.103123	Scopus
37	Kittappa T.; Padmavathi T.; Kumuda P.R.; Suresh G.B.; Murugesan G.; Revathi V.	An Intelligent Internet of Things Based Health Care Hospital Management of Medical Waste and its Segregation	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025	10.1109/ICVADV63329.2025.10961033	Scopus
38	Gupta A.; Gawande U.; Chandwaskar R.; Yatoo N.A.; Srivastava R.; Alone P.A.	MANAGEMENT OF PRINTING CURRICULUM IN AI ERA	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6888	Scopus
39	Lakshmi T.R.V.; Babu K.S.; Kansal A.; Ishwarya M.; Suryavanshi J.; Bhan S.; Yang L.U.	Digital Twin-Enabled Predictive Maintenance Framework for Smart Manufacturing Systems	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1235	Scopus
40	Vijayan D.S.; Devarajan P.; Mohanavel V.; Sankaran N.; Kannan S.; Ahsan M.S.	A Review of Sustainable Implications of Energy-Efficient Buildings in the Environment	2025	Advances in Civil Engineering	10.1155/adce/9584777	Scopus
41	Darisa N.G.; Meenakshi R.; Mythili A.; Amirthalingam V.; Poonia P.; Murugan S.	Real-Time Public Transit Route Adaptation using Multi-Agent Reinforcement Learning	2025	International Conference on NexGen Networks and Cybernetics, IC2NC 2025 - Proceedings	10.1109/IC2NC67409.2025.11376454	Scopus
42	Imthiyas A.; Sathiyaraj S.; Silambarasan R.; Ramkumar V.	Preparation and Mechanical Characterization of TiC Particles Reinforced Al6061 Alloy Composites	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_32	Scopus
43	Sudan P.; Reddy B.; Relkar A.S.; Doifode V.R.; Surendra B.K.; Sagar V.	3D PRINTING AND AI-GUIDED SCULPTURE FABRICATION	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i1s.2025.6629	Scopus
44	Jeevitha N.; Mouleswararao B.; Mohankumar N.; GnanaPrakash L.; Mahalakshmi R.; Pachiyappan R.	AI and IoT-Driven Optimization of Solar Thermal Collectors for Industrial Heat Applications	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11089246	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
45	Misra D.; Sharma A.; Kumar B.R.; Ibrahim S.K.M.; Kshirsagar K.P.; Boopathi S.	Training for enhancing job opportunities and career empowerment in emerging markets	2025	Applications of Career Transitions and Entrepreneurship	10.4018/979-8-3693-4163-6.ch014	Scopus
46	Venkatesh A.; Shinyjoy E.; Maheswaran P.; Jeyakanthan M.	Eco-friendly synthesis of Azo-Schiff base metal complexes: evaluation of electrochemical behavior and biological activities	2025	Applied Physics A: Materials Science and Processing	10.1007/s00339-025-08896-y	Scopus
47	Gupta D.; Chaudhary A.K.; Verma D.; Singh W.; Nangan S.; Thanigaivel S.; Rajendran S.; Lackner M.	AHP-TOPSIS-based analysis for the wettability of agro-industrial waste particulates Bhimal fiber-reinforced epoxy bio-composites in different oil water environments	2025	Green Chemistry Letters and Reviews	10.1080/17518253.2025.2461243	Scopus
48	Nageswari C.S.; Pandey P.; Sujitha R.; Sujatha M.; Senthilkumar S.; Sujatha S.	Adaptive Solar Energy Storage with Deep Learning for Improved Grid Resilience	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988013	Scopus
49	Kumar R.K.S.; Nagaprasad N.; Krishnaraj R.; Velu R.	3D-printed smart materials for automotive and aerospace applications	2025	Additively Manufactured Smart Materials and Structures: Design, Processing, and Applications	10.1016/B978-0-443-16144-5.00020-X	Scopus
50	Ramachandran R.; Saravanakumar P.; Mathina M.; Shinyjoy E.; Zainuddin Z.; Govindarajan R.K.; Kamaraj C.; Gopi D.; Alwi R.S.	Biogenic/chitosan/bamboo fiber ternary bio-nanocomposite: Dual-functional platform for environmental and biomedical applications	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.148563	Scopus
51	Sabapathy P.C.; Parthiban A.; Bhusal C.K.; Singh S.; Sehgal R.; Qi X.	Recent improvements in starch films with cellulose and its derivatives–A review	2025	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2024.105920	Scopus
52	Arulnangai R.; Thirugnanasambandham K.; Ganesamoorthy R.; Gomathi R.; Parameswari R.	Role of TiO2 nanomaterial in the treatment of polluted Cauvery River water in Tiruchirappalli district, Tamil Nadu, India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101216	Scopus
53	Rajesh M.; Usha M.; Easwaramoorthy S.V.	Integrating holographic counterparts for intelligent IoT consumer devices	2025	Discover Internet of Things	10.1007/s43926-025-00170-0	Scopus
54	Sandhiya R.; Mariyappan K.; Soudagar M.E.M.; Subbaiah S.; Baloji D.; Muhamed H.; Dhama S.; Kumar S.	Performance enhancement of bamboo fiber polylactic acid composites: The role of nanozinc oxide in improving fire safety and moisture resistance	2025	AIP Conference Proceedings	10.1063/5.0262195	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
55	Gunasekaran N.; Kumar N.K.; Saranya L.R.; Aravindha Babu N.; Chinnathambi K.; Malakondaiah S.; Motcha Rakkini V.; Ryntathiang I.; Jothinathan M.K.D.	Biodegradation of Textile Dye Effluent Using Bacteria and Fungi Isolated from Textile Effluent and Optimization of Environmental Parameters	2025	International Journal of Advanced Science and Engineering	10.29294/IJASE.12.2.2025.5796-5805	Scopus
56	Sivakumar R.; Singh K.; Nishok V.S.; Barshe S.B.; Pokkuluri K.S.; Srihari T.; Hariram V.; Mohapatra M.R.	Urban Air Quality Monitoring System Enhanced by IoT for Comprehensive Deployment, Data Collection, and Environmental Impact Analysis	2025	WSEAS Transactions on Environment and Development	10.37394/232015.2025.21.33	Scopus
57	Chandra S.; Bhutani M.; Chethana C.; Ramaratnam M.S.; Misra D.; Kaur R.	Forecasting the Future: The Role of Digital Transformation in the Evolution of Industry 5.0 in Developing Economies	2025	Lecture Notes in Networks and Systems	10.1007/978-981-96-7707-8_21	Scopus
58	Nagarajan P.; Kannan S.; Raj A.; Louis L.R.P.; Bazeer A.B.; Kaliaperumal R.; Anand M.A.V.; Patil S.J.	Future Prospects in Medicinal Plant-Derived Drug Development: Unveiling Opportunities and Challenges	2025	Interdisciplinary Biotechnological Advances	10.1007/978-981-96-2790-5_9	Scopus
59	Subathra M.; Devika R.	A Comparative Study on Hydrothermal Liquefied Biochar as Biofertilizer for Increased Plant Yield	2025	Agricultural Science Digest	10.18805/ag.D-6047	Scopus
60	Edlabadkar A.P.; Mudadla B.; Karthick K.; Kumar M.S.; Adams A.; Selvaraju M.	Optimization of Machining Parameters and Performance Analysis of AA2024/ZrO2 Metal Matrix Composite Using TOPSIS: Insights into Squeeze Casting and Tribological Behavior	2025	Journal of Environmental Nanotechnology	10.13074/jent.2025.03.2441016	Scopus
61	Basivi P.K.; Selvaraj Y.; Perumal S.; Bojarajan A.K.; Lin X.; Girirajan M.; Kim C.W.; Sangaraju S.	Graphitic carbon nitride (g–C3N4)–Based Z-scheme photocatalysts: Innovations for energy and environmental applications	2025	Materials Today Sustainability	10.1016/j.mtsust.2024.101069	Scopus
62	Saravanabhavan S.S.; Kamalakannan V.P.; Thanarasu A.; Marimuthu N.; Devarajan P.; Dhanasingh Sivalinga V.; Natarajan K.; Natesan B.	A method to remove heavy metals from wastewater by modifying the surface of a PVDF membrane using chitosan and PANi and assessing it using the Hermia model	2025	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.144673	Scopus
63	Sona S.; Sangeetha S.P.	Eco-friendly alternative activators derived from industrial wastes for the sustainable production of two-part geopolymer concrete at low cost	2025	Construction and Building Materials	10.1016/j.conbuildmat.2025.140374	Scopus
64	Rajesh M.; Sitharthan R.	Enhanced Edge Computing for Digital Twin Applications in Energy-Intensive Industrial Systems	2025	IEEE Power Electronics Magazine	10.1109/MPEL.2025.3624984	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
65	Jayanthi L.N.; Verma S.K.; Usha R.; Sekar G.; Lakshmi V.T.; Mohankumar N.	Early Detection of Road Traffic Injuries with IoT Sensor Networks and K-Nearest Neighbors Algorithm	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025	10.1109/ICVADV63329.2025.10960893	Scopus
66	Rajeshwaran R.; Logeshwari J.; Abirami R.	Effect of EPS Concrete: Balancing Construction Efficiency and Environmental Sustainability	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i02.B4268	Scopus
67	Assi M.N.; Kaur S.; Chaudhary S.; Sengupta P.D.; Patel P.; Sambandan B.P.; Pawar A.R.	MANAGEMENT INNOVATION IN AI-DRIVEN ART ECOSYSTEMS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6927	Scopus
68	Limaye T.; Prasad D.; Rampal S.; Kumaran P.; Vyshnavi A.; Sidhu J.; Alone P.A.	GENERATIVE DESIGN IN 3D PRINTING EDUCATION	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i3s.2025.6765	Scopus
69	Sivanantham E.; Sridevi V.; Rajagopal V.R.; Meenatchi Ammai N.; Murugan S.; Raghavi J.	Industrial Motor Operational Risk Detection using IoT and Isolation Forest	2025	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025	10.1109/ICSCN67106.2025.11308510	Scopus
70	Kumar S.N.; Yang L.U.; Mahesh R.; Goyal U.; Farhan S.; Jadhav T.; Thakur S.	Machine Learning-Driven Quality Control in Additive Manufacturing of Aerospace Components	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1236	Scopus
71	Srinivasan G.; Anaikutti P.; Mohan S.; Arukkani M.	Versatile Application of Calixarenes and Their Derivatives: From Drug Delivery to Industrial Catalysis and Environmental Remediation	2025	Critical Reviews in Analytical Chemistry	10.1080/10408347.2025.2538731	Scopus
72	Subaveerapandiyan A.; Ahmad N.; Shimray S.R.; Kalbande D.	Assessing the Impact of Diamond Open Access on Research Engagement	2025	Serials Review	10.1080/00987913.2025.2581432	Scopus
73	Tanuja S.; Varghese C.; Sozhamadevi S.; Aravindha Babu N.; Saranraj P.; Vijay K.; Behera A.; Jothinathan M.K.D.	Biowaste-Based Optimization of Amylase Production from Bacillus subtilis: A Sustainable Approach	2025	International Journal of Advanced Science and Engineering	10.29294/IJASE.12.2.2025.5503-5512	Scopus
74	Ashok P.; Sumathi D.; Natarajan K.; Balakrishnan S.	Enhancing 5G Networks Performance Using MIMO and MU-MIMO Technologies for High-Capacity Communication	2025	Internet Technology Letters	10.1002/itl2.70069	Scopus
75	Kumar P.M.; Babujanarthanam R.; Selvi R.T.; Ganesamoorthy R.; Sudan S.J.J.; Kasthuri K.; Parameswari R.	Spherical-shaped ZnO nanoparticles and their diverse surface morphological applications in various biological applications against ROS	2025	Applied Physics A: Materials Science and Processing	10.1007/s00339-025-08504-z	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
76	Simonthomas S.; Praveena J.M.; Shobana R.; Shalini K.S.; Malathi V.; Prathikksha S.	Improving Throughput Efficiency of Cyber Physical Systems Communications using Quantum Cryptography	2025	Proceedings of 2025 1st International Conference on Radio Frequency Communication and Networks, RFCoN 2025	10.1109/RFCoN62306.2025.11085331	Scopus
77	Arulnangai R.; Ganesamoorthy R.; Mohamed V.B.H.; Vivekanand P.A.; Kavitha P.; Kavitha P.; Thirugnanasambandham K.	Green synthesis of silver nanoparticles from Centella asiatica and its application in photodegradation of methylene blue dye in paper industry effluent	2025	Cleaner Water	10.1016/j.clwat.2025.100179	Scopus
78	Raj R.S.; Hema L.K.	Dynamic clustering optimization for energy efficient IoT Network: A simple constrastive graph approach	2025	Expert Systems with Applications	10.1016/j.eswa.2024.125875	Scopus
79	Kumaran P.; Sathiyaraj S.; Selva Babu B.; Yogeswar S.; Murugan T.	Design and Analysis of Hybrid Sandwich Layered Industrial Safety Helmet	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_30	Scopus
80	Dhavan A.; Parmar Y.; Gupta S.; Verma A.; Agarwal V.; Thangaraja T.	ETHICAL MANAGEMENT OF AI-PRODUCED DIGITAL WORKS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i2s.2025.6720	Scopus
81	Surendra Babu K.; Prakash S.; Satapathy L.; Muhammathu Muhsin S.; Nirmal Kumar M.	FDM Process Using Prediction of Mechanical Properties of Borophene-Reinforced Polymer Nanocomposites	2025	Journal of Advanced Manufacturing Systems	10.1142/S0219686727500168	Scopus
82	Ramakrishnan R.; Jambunathan L.; Rajendran A.	Effect of EPS concrete: “structural performance and environmental impact on pollution control: an assessment of expanded polystyrene (EPS) concrete for sustainable construction”	2025	Environmental Science and Pollution Research	10.1007/s11356-025-36785-7	Scopus
83	Ramu K.; Deepa R.	AI-Driven DPoS and Blockchain for Secure IIoT Big-Data Analytics	2025	Proceedings of IEEE International Conference on Emerging Engineering Technologies and Applications, IC-EETA 2025	10.1109/IC-EETA66496.2025.11548398	Scopus
84	Thakur N.; Tapwal A.; Kumari K.; Thakur R.K.; Ganesamoorthy R.; Thirugnanasambandham K.	Advancements in biogenic nanoparticles synthesis, characterization and its mechanism in disease management	2025	Bioresource Technology Reports	10.1016/j.biteb.2025.102227	Scopus
85	Kalyanakumar S.; Natarajan S.; Prabhahar M.; Saravanakumar M.; Sudhakaran P.; Suresh N.	TRUST-Based Optimization of High-Performance Machining Process Parameters of Aluminum for Enhanced Product Quality in Automotive Manufacturing	2025	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.1.16	Scopus

List of VMRF (DU) Publications Made on SDG-9 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
86	Subaveerapandiyan A.; Alam A.F.; Kalbande D.; Ayanlola A.L.	Digital Transformation in Libraries: Assessing Metaverse Readiness in Nigeria	2025	Science and Technology Libraries	10.1080/0194262X.2024.2429061	Scopus
87	Gunaseelan R.J.; Raj A.; Nagarajan P.; Perumal S.; Kumar J.; Patil S.J.	Biotechnological Phytochemical Synthesis: Innovations, Challenges, Advantages, Implications	2025	Interdisciplinary Biotechnological Advances	10.1007/978-981-96-2790-5_3	Scopus
88	Sangeetha S.P.; Sona S.; Tapung N.; Kumar A.; Kumar S.	Assessing Phytoremediation Potential of Aloe barbadensis, Chrysopogon zizanioides and Ocimum tenuiflorum for Sustainable Removal of Heavy Metals from Contaminated Soil	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2024.v24iS1.019	Scopus
89	Mithun Kumar S.; Kapoor P.; Gupta A.; Pal P.; Vijayakumar K.; Bhushan B.; Kannan S.	PREDICTIVE MAINTENANCE FOR DIGITAL PRINTING EQUIPMENT	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i3s.2025.6766	Scopus
90	Pathak A.; Saravanan M.; Srishti P.; Mary Praveena J.; Kurulekar M.; Taneja M.	PREDICTIVE ANALYTICS FOR FOLK ART MATERIAL REQUIREMENTSS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6880	Scopus
91	Malaiyappan P.; Ramya E.D.; Arul V.; Ganesan G.	Dengue Fever: A Rare Perspective and Emerging Strategies for Sustainable Global Control	2025	Journal of Communicable Diseases	10.24321/0019.5138.202536	Scopus


SDG10

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)

SDG 10 – REDUCED INEQUALITIES

SDG 10 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	17th July 2025	Salem Rural Zonal Sports Meet	School of Allied Health Sciences
2	15 August 2025	Rashtriya Gram Swaraj Abhiyan UBA 2.0.	SAHS, Salem
3	30th August 2025	Entrepreneurship Awareness Programme	School of Allied Health Sciences
4	6th September 2025	Inauguration Of Faculty Concordia Club	SAHS, PDY
5	11th October 2025	Grama Sabha	School of Allied Health Sciences
6	7th November 2025	Seminar On "Birsa Munda's role in the Ulgulan movement	Department of Community Medicine
7	28 November 2025	Speech And Hearing Screening Camp	School of Rehabilitation and Behavioural Sciences
8	09 December 2025	International Day Of Persons With Disabilities	Care Special Education School
9	18 December 2025	Pediatric Dental Camp for Children with Special Needs	Department of Pediatric and Preventive Dentistry
10	04 December 2025	Dental Camp at CSI Bala Gnana Illam for Special Children	Department of Pediatric and Preventive Dentistry

DETAILED EVENT REPORTS

1. SAHS HOSTS RURAL ZONAL MEETS

Date: 17th July 2025

Organising institution / department: School of Allied Health Sciences

Event report: In alignment with the Tamil Nadu School Education Department's initiative to promote physical fitness through sports, the SAHS Youth Club, in collaboration with PV Matriculation School, hosted the Salem Rural Zonal Sports Meet on 17 July 2025. The event featured Kabaddi and Volleyball matches, and the winning teams qualified for district-level competitions.



2. UBA 2.0: SAHS STUDENTS ENGAGE IN PANCHAYAT

Date: 15 August 2025

Organising institution / department: SAHS, Salem

Place: Chinnaseeragapadi Village, Veerapandi Block, Salem

Event report: On 15 August 2025, SAHS, VIMS Hospital Campus in collaboration with the State Institute of Rural Development & Panchayat Raj and the District Panchayat Office, Salem, participated in the Grama Sabha Meet under the Revamped Rashtriya Gram Swaraj Abhiyan UBA 2.0.

E 

3. ENTREPRENEURSHIP AWARENESS PROGRAMME

Date: 30th August 2025

Organising institution / department: School of Allied Health Sciences

Place: Dr. ASG Auditorium

Event report: On 30th August 2025, the E-Cell and Institution's Innovation Council (IIC) of the School of Allied Health Sciences in association with the State Institute of Rural Development & Panchayat Raj (Government of Tamil Nadu), District Panchayat Office, Salem, and Saraswathi Ammal Educational Social Welfare & Charitable Trust, successfully organized an Entrepreneurship Awareness Programme under the Revamped Rashtriya Gram Swaraj Abhiyan (RRGSA) scheme at Dr.



4. INAUGURATION OF FACULTY CONCORDIA CLUB

Date: 6th September 2025

Organising institution / department: INAUGURATION OF FACULTY CONCORDIA CLUB The Faculty Concordia Club

Place: SAHS Campus, Puducherry

Event report: Faculty Concordia Club (FCC) was inaugurated on 6th September 2025 at the SAHS Campus, Puducherry. Andrew John Silvester, Director of SAHS, who delivered the keynote address. Faculty members officially inaugurated the club, which stands for Harmony and Unity.



5. GRAMA SABHA

Date: 11th October 2025

Organising institution / department: School of Allied Health Sciences

Event report: On 11th October 2025, in observance of Gandhi Jayanti, the NSS Unit of the School of Allied Health Sciences (SAHS), VIMS Hospital Campus, Vinayaka Mission's Research Foundation – DU, Salem, in collaboration with the State Institute of Rural Development & Panchayat Raj and the District Panchayat Office, Salem, actively participated in Grama Sabha meetings organised under the Revamped Rashtriya Gram Swaraj Abhiyan (RRGSA). The meetings were conducted across four villages in the Veerapandi Block, Salem District—Akkarapalayam, Ettimanickampatti, Inam Biroji, and Kadathur Agraharam.



6. SEMINAR ON "BIRSA MUNDA'S ROLE IN THE ULGULAN MOVEMENT

Date: 7th November 2025

Organising institution / department: Department of Community Medicine

Event report: In observance of Janjatiya Gaurav Diwas, the Department of Community Medicine, Research Methodology & Biostatistics at VMHMC&H conducted a seminar on "Birsa Munda and the Tribal Renaissance" on 7th November 2025, led by Dr. Vettrivel Arul, Assistant Professor. The session provided an insightful exploration of Birsa Munda's role in the Ulgulan movement, highlighting his contribution to India's tribal and freedom movements.



7. SPEECH AND HEARING SCREENING CAMP

Date: 28 November 2025

Organising institution / department: School of Rehabilitation and Behavioural Sciences

Place: GV Special School

Event report: The School of Rehabilitation and Behavioural Sciences (SRBS) conducted a Speech and Hearing Screening Camp on 27 and 28 November 2025 at GV Special School, Chidambaram. A team of 34 SRBS students, under the guidance of the camp in-charge Mr. Vaishnavi, actively participated in the screening process.



8. INTERNATIONAL DAY OF PERSONS WITH DISABILITIES

Date: 09 December 2025

Organising institution / department: SRBS, PDY

Event report: The programme was organized with the aim of celebrating the abilities, talents, and inclusion of children with special needs, while fostering awareness and community engagement in rehabilitation and empowerment initiatives. A total of 40 children with special needs from five special schools and centres— Care Special Education School, Anbagam Special School for the Mentally Challenged, Sharon Special School, Vasantham Special School and Home, and SRBS Therapy Children—from Puducherry and Cuddalore participated in the event.



9. PEDIATRIC DENTAL CAMP FOR CHILDREN WITH SPECIAL NEEDS

Date: 18 December 2025

Organising institution / department: Department of Pediatric and Preventive Dentistry

Place: Salem Institute of Rehabilitation, opposite Neuro Foundation Hospital

Event report: The Department of Pediatric and Preventive Dentistry conducted a Free Dental Camp on 18 December 2025 as part of its Special Clinic Programme at the Salem Institute of Rehabilitation, opposite Neuro Foundation Hospital, Pallapatti, Salem. Sowkarthika, a dedicated team of postgraduate students—Dr.



10. DENTAL CAMP AT CSI BALA GNANA ILLAM FOR SPECIAL CHILDREN

Date : 04 December 2025

Organising institution / department: Department of Pediatric and Preventive Dentistry

Event Report: The Department of Pediatric and Preventive Dentistry in association with the Indian Dental Association (IDA), Salem Branch, conducted a Free Dental Camp at CSI Bala Gnana Illam, Mentally Challenged Special School, Hasthampatti, in observance of World Disability Day.





***

List of VMRF (DU) Publications Made on SDG-10 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Subaveerapandiyan A.; Ahmad N.; Shimray S.R.; Kalbande D.	Assessing the Impact of Diamond Open Access on Research Engagement	2025	Serials Review	10.1080/00987913.2025.2581432	Scopus
2	Sakthivel S.; Virmani C.; Priscila S.S.; Pathak R.; Surendhar S.P.A.; Sobirov B.	Smart technical control infrastructures in electrical automation through digital application systems	2025	International Journal of Critical Infrastructures	10.1504/IJCIS.2025.143947	Scopus
3	Kingpriest P.T.; Okpanachi J.A.; Afolabi S.A.; Ayorinde M.M.; Muoghallu O.I.; Alapa G.E.; Moses M.T.; Muhideen B.; Musa K.M.; Zarmai J.; Aigbodioh F.; Dauda S.; Pugazhenti N.; Sandhya V.; Uppal A.; Galam N.Z.; Silas O.A.; Alayande B.T.	A national cross-sectional study on research opportunities and barriers among medical students in Nigeria, with recommendations	2025	BMC Medical Education	10.1186/s12909-025-07308-2	Scopus
4	Sharma R.D.; Selvaraj G.; Sherin Nithya S.; Sarangi R.; Muley P.; Verma V.V.; Sharma P.	A Population-Based Model for Analyzing Trends in Adolescent Reproductive Health	2025	Genetics and Molecular Research	10.4238/yrxz9x95	Scopus
5	Moorthy M.; Vaidehi V.; Sasirekha V.; Mouleswararao B.; Murugan S.; Raghavi J.	Predictive Modeling Using AdaBoost to Identify and Mitigate Healthcare Disparities in Disease Management	2025	2025 World Skills Conference on Universal Data Analytics and Sciences, WorldSUAS 2025	10.1109/WorldSUAS66815.2025.11198974	Scopus
6	Jadhav K.D.; Poonguzhali S.; Rashmi P.; Sahoo T.; Ramesh Y.; Mittal S.; Prakash O.; Kulkarni A.	AUGMENTED REALITY IN MEDIA-BASED LEARNING ENVIRONMENTS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i4s.2025.6870	Scopus
7	Sriram S.; Jayakumar A.D.; Gollapalli P.K.; Chandrasekar S.	Demand-side barriers and economic burden in accessing Human Papillomavirus screening for cervical cancer prevention in rural India: Evidence from a cross-sectional study	2025	F1000Research	10.12688/f1000research.150361.2	Scopus
8	Nirmalson S.P.; Vijayakarthikeyan M.; Thenmozhi M.D.	Prevalence And Determinants of Peripheral Neuropathy Among Diabetes Mellitus Patients in a Rural Area of Salem District, Tamil Nadu	2025	National Journal of Community Medicine	10.55489/njcm.160520254962	Scopus
9	Jebasingh D.R.; Ahmad N.; Shimray S.R.; Subaveerapandiyan A.	Perceived Impact of Procrastination on Academic Performance Among Students and the Role of AI Tools	2025	Libri	10.1515/libri-2025-0093	Scopus
10	Ling Z.; Behera K.K.; Dave P.D.; Chandrabose G.S.; Kumar R.; Singh S.; Prabavathy S.	Impact of Telemedicine on Healthcare Accessibility and Clinical Outcomes in Rural Populations	2025	Genetics and Molecular Research	10.4238/ajbbyj77	Scopus

List of VMRF (DU) Publications Made on SDG-10 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
11	Gnana Sanga Mithra S.; Bhavana S.	Revolutionizing healthcare with an in-depth analysis of AI's transformative impact in India	2025	Social Sciences and Humanities Open	10.1016/j.ssaho.2025.101467	Scopus
12	Chandrabose G.S.; Sahu R.S.; Sundar M.A.; Homavazir Z.; Kalidhas A.M.; Solanki S.; Mahajan S.	A PUBLIC HEALTH EVALUATION OF EFFECTIVENESS OF VACCINATION PROGRAMS IN LOW – INCOME COUNTRIES	2025	Genetics and Molecular Research	10.4238/h5vt2n11	Scopus
13	Kapoor T.; Chandrabose G.S.; Dash M.; B.madhana M.; Ambulkar A.; Rao P.S.R.; Sharma V.K.	A MIXED – METHODS STUDY IN THE ROLE OF SOCIAL DETERMINANTS IN PUBLIC HEALTH DISPARITIES	2025	Genetics and Molecular Research	10.4238/rt7wa476	Scopus
14	Mohanan A.S.; Rajasekaran K.; Manickam N.; Vellaisamy S.G.; Gopalan K.	Therapeutic Advances, Diagnostic Innovations, and Strategic Priorities for Global Scabies Control: An Integrative Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.2026111	Scopus
15	Naganandini D.R.	Mindfulness and mental well-being among the elderly in rural area: A mixed-methods study	2025	Geriatric Nursing	10.1016/j.gerinurse.2025.103621	Scopus
16	Roselin V.N.; Moniga S.; Fowmina C.; Mahalle A.; Pakhide Y.P.; Selvakumar P.; Manjunath T.C.	Gender Equity In Mathematics Curriculum Resources	2025	Integrating Gender Equity Into Mathematics Curriculum and Teacher Education	10.4018/979-8-3373-7245-7.ch002	Scopus
17	Jadhav R.K.; Traisa R.; Farooqui Y.; Mary V.S.; Nanda S.; Sohal J.	MANAGEMENT ETHICS IN THE AI-ART ECOSYSTEM	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i1s.2025.6680	Scopus
18	Balasundaram A.K.; Ramachandran N.; Govindarajan P.K.; Murugesan K.	Prevalence of diabetes among fishermen in Chidambaram, Tamil Nadu	2025	Discover public health	10.1186/s12982-025-00871-5	Scopus
19	S G.S.M.	Against the current: Addressing climate-induced health disparities in India's transgender community	2025	Science Talks	10.1016/j.sctalk.2025.100473	Scopus
20	Mohamed Jaffar A.; Mane M.; Singh P.; Kaushik V.; Jatiya L.; Das A.; Thivya N.	Strengthening Global Health Security: Lessons from Recent Epidemic Outbreaks	2025	Genetics and Molecular Research	10.4238/cy9hbf44	Scopus
21	Ganesh Babu L.; Raja M.S.; K. S.K.; Samarasam B.; R. G.; Ramachandran G.	Ethical considerations of biomedical robots and wearable devices	2025	Applied Mathematical Modeling for Biomedical Robotics and Wearable Devices	10.1016/B978-0-443-33514-3.00013-7	Scopus
22	Misal S.R.; Mohan L.; Sundararajan S.K.; Bathala B.; Majumdar S.; Sivakumar C.	Telemedicine and Remote Patient Monitoring: Enhancing Access to Healthcare Through IoT and AI Technologies	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025	10.1109/CE2CT64011.2025.10941287	Scopus

List of VMRF (DU) Publications Made on SDG-10 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
23	Malaiyappan P.; Aswathy P.T.; Arul V.; Mohan J.	Transforming Global Health: Evidence-Based Intervention and Strategies for Communicable Disease Control – A Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.202586	Scopus
24	Singh P.; Pati B.K.; Parijatham S.; Lavanya S.; Nagarajan P.; Parikh U.; Madan P.	An Integrated Health Behavior Model for Promoting Contraceptive Use Among Women of Reproductive Age	2025	Genetics and Molecular Research	10.4238/dqj16093	Scopus
25	Michael B.S.; Krishnamoorthi S.; Prakash S.; Gokul T.; Khan S.M.R.	Waste Plastic Derived Diesel - An Experimental Investigation - Enhancing Engine Performance and Reducing Emissions Through Thermal Barrier Coatings	2025	Indian Journal of Environmental Protection		Scopus


SDG11

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)

SDG 11 – SUSTAINABLE CITIES AND COMMUNITIES

SDG 11 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	1 June 2025	Beach-Cleaning Activity on Environmental Day	National Service Scheme (NSS), Vinayaka Mission's College of Nursing, Puducherry
2	25 August 2025	Road Safety Awareness Session during Student Induction Programme	School of Allied Health Sciences, VMCC
3	29 August 2025	Road Safety Awareness with the Community	Road Safety Club, School of Allied Health Sciences. SLM
4	28 August 2025	Experiential Learning Trip to Mahabalipuram	AVIT
5	28 November 2025	Road Safety Awareness Programme and Exhibition Bus Showcase	Road Safety Club, School of Allied Health Sciences, in association with Tamil Nadu State Transport Corporation, Salem

DETAILED EVENT REPORTS

1. Beach-Cleaning Activity on Environmental Day

Date: 1 June 2025

Organising institution / department: National Service Scheme (NSS), Vinayaka Mission's College of Nursing, Puducherry

Place: Near Gandhi Statue, Puducherry

Event report: Twenty NSS volunteers from Vinayaka Mission's College of Nursing, Puducherry, participated in a beach-cleaning activity near the Gandhi Statue on 1 June 2025. The activity was organised by the NSS Cell and Garnier team.



2. Road Safety Awareness Session during Student Induction Programme

Date: 25 August 2025

Organising institution / department: School of Allied Health Sciences

Event report: As part of the Student Induction Programme, the School of Allied Health Sciences, VMCC, organised a Traffic Awareness and Road Safety session on 25 August 2025. Mr. Selvam, Traffic Inspector of Police, Chengalpattu, highlighted the importance of wearing helmets, following traffic rules and maintaining road discipline. He also explained the Good Samaritan Scheme and encouraged participants to assist accident victims.



3. Road Safety Awareness with the Community

Date: 29 August 2025

Organising institution / department: Road Safety Club, School of Allied Health Sciences

Place: Fairlands, Salem

Event report: The Road Safety Club organised a community road safety awareness event at Fairlands, Salem, on 29 August 2025. Students performed mime acts and distributed awareness pamphlets. Tree saplings were presented to helmet users, and reflective stickers were applied to two-wheelers to promote safer night driving.



4. Experiential Learning Trip to Mahabalipuram

Date: 28 August 2025

Place: Mahabalipuram

Event report: Students visited historic landmarks in Mahabalipuram, including the Five Rathas, Shore Temple and Krishna's Butterball, to learn about Tamil Nadu's cultural and architectural heritage.



5. Road Safety Awareness Programme and Exhibition Bus Showcase

Date: 28 November 2025

Organising institution / department: Road Safety Club, School of Allied Health Sciences, in association with Tamil Nadu State Transport Corporation, Salem

Place: School of Allied Health Sciences campus

Event report: The Road Safety Club, School of Allied Health Sciences, VMRF (DU), and the Tamil Nadu State Transport Corporation, Salem, organised a Road Safety Awareness Programme and Exhibition Bus Showcase on 28 November 2025. Road Safety Trainer Mrs. Sankar M. and Driving Instructor Mr. P. Maadhu served as chief guests and delivered an awareness session.



List of VMRF (DU) Publications Made on SDG-11 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Malarvel M.; Goyal W.; Sargam S.; Mundada K.; Viji Amutha Mary A.; Rathore A.	AI FOR PRESERVING INDIGENOUS FOLK ART PATTERNS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6900	Scopus
2	Srinivasan S.; Divahar R.	Odor Emissions from Municipal Solid Waste Open Dumps Constituting Health Problems Due to their Composition, Ecological Impacts and Potential Health Risks	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i01.B4200	Scopus
3	Shibu S.; Kirubakaran S.; Remamany K.P.; Ahamed S.; Chitra L.; Kshirsagar P.R.; Tirth V.	Anomaly detection using deep learning approach for IoT smart city applications	2025	Multimedia Tools and Applications	10.1007/s11042-024-19176-x	Scopus
4	Latha R.; Rout U.; Priya V.S.; Amin P.; Varma P.; Bhardwaj U.; Bansal S.	Urbanization and the Risk of Emerging Infectious Diseases: A Case Study Approach	2025	Genetics and Molecular Research	10.4238/tkrqg602	Scopus
5	Parameswari R.; Madhan Kumar P.; Azhagu P.S.; Yogesh T.; Janani I.; Ganesamoorthy R.; Babujanarthanam R.	Materials for Microbial Fuel Cells: Harnessing Bio Electrochemical Systems	2025	Sustainable Materials for Fuel Cell Technologies	10.1002/9781394247806.ch8	Scopus
6	Suneetha K.; Gupta K.; Gandhi A.; Rangasamy A.; Ludam R.; Kumar V.V.; Desai M.	EXPLORING THE PUBLIC HEALTH IMPACTS OF AIR POLLUTION ON RESPIRATORY HEALTH IN URBAN POPULATIONS	2025	Genetics and Molecular Research	10.4238/2hv24c33	Scopus
7	Mary Praveena J.; Gupta V.; Rath S.; Malik M.; Suri S.; Ambhore V.	GAN-BASED RECONSTRUCTION OF VINTAGE PRINTS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6913	Scopus
8	Simonthomas S.; Praveena J.M.; Shobana R.; Shalini K.S.; Malathi V.; Prathikksha S.	Improving Throughput Efficiency of Cyber Physical Systems Communications using Quantum Cryptography	2025	Proceedings of 2025 1st International Conference on Radio Frequency Communication and Networks, RFCoN 2025	10.1109/RFCoN62306.2025.11085331	Scopus
9	Loganathan P.; Devika S.V.; Trivedi L.M.; Devi S.R.; Malik N.; Jayakumar D.	Optimizing Urban Solid Waste-to-Energy Production Systems with Backpropagation Neural Network Model	2025	3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025	10.1109/ICICACS65178.2025.10967692	Scopus
10	Lakshmi D.; Yuvaraj T.; Devabalaji K.R.; Thanikanti S.B.; Mahmud P.	Optimizing Hybrid Renewable Energy Sources and Grid Integration for Economic Analysis Using the Hunter-Prey Optimization Algorithm	2025	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176764	Scopus
11	Sivasankaran S.; Ali Samhan A.A.; Balamurugan A.; Al-Shaikh A.; Vijaya Kumari E.N.; Karthikeyan G.	An Innovative Cloud-Edge Computing Disaster Management Infrastructure with Blockchain Inclusion: Promoting Safe and Open Emergency Response Across Dispersed Networks	2025	2025 2nd Asia Pacific Conference on Innovation in Technology, APCIT 2025	10.1109/APCIT65661.2025.11410903	Scopus

List of VMRF (DU) Publications Made on SDG-11 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
12	Vengatesan K.; Pragadeeswaran S.; Chinnadurai J.; Preetha J.; Ravishankar T.N.; Rajesh M.	A Comparative Performance Analysis of Linear Regression Models for House Price Prediction	2025	Proceedings of 8th International Conference on Computing Methodologies and Communication, ICCMC 2025	10.1109/ICCMC65190.2025.11140743	Scopus
13	Sivakumar R.; Singh K.; Nishok V.S.; Barshe S.B.; Pokkuluri K.S.; Srihari T.; Hariram V.; Mohapatra M.R.	Urban Air Quality Monitoring System Enhanced by IoT for Comprehensive Deployment, Data Collection, and Environmental Impact Analysis	2025	WSEAS Transactions on Environment and Development	10.37394/232015.2025.21.33	Scopus
14	Balakrishnan S.; Simonthomas S.; Prasad B.; Rao K.S.	Designing Intelligent Traffic Routing Systems for Autonomous Vehicles using the Deep Learning based Optimization Algorithm	2025	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025	10.1109/ICSCSA66339.2025.11170865	Scopus
15	Patel J.; Gupta S.; Jayapalan S.; Singh S.P.; Dev A.; Deokar A.A.	3D PRINTING FOR PHOTOGRAPHIC RELIEF SCULPTURES	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6887	Scopus
16	Jadhav R.K.; Traisa R.; Farooqui Y.; Mary V.S.; Nanda S.; Sohal J.	MANAGEMENT ETHICS IN THE AI-ART ECOSYSTEM	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i1s.2025.6680	Scopus
17	Muruga Priya P.; Nandhini T.; Mohanapriya K.; Shobana R.	Building Tomorrow's Cities: The Impact of AI and Data Science on Urban Development	2025	Advanced AI and Data Science Applications	10.1201/9781003543527-4	Scopus
18	Putra R.S.; Juneja B.; Kumari H.; Kaushik N.; Dwibedi R.K.; Rawat K.; Barkade S.S.	AUGMENTED REALITY AND AI IN PUBLIC ART MANAGEMENT	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6924	Scopus
19	Malarvel M.; Shobana R.; Poonguzhali S.; Gino Sophia S.G.; Simonthomas S.	Leveraging Generative AI for Seismic Vulnerability Assessment in Classifying Building Damage Using the Ems-98 Scale	2025	5th IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2025	10.1109/i-PACT65952.2025.11307965	Scopus
20	Jayaudhaya J.; Gunavathie M.A.; Amutha M.; Chitra Devi D.; Loganathan S.; Palanivel V.	Smart Intersection Management with Real-Time Collision Prevention Using AI and IoT	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11088515	Scopus
21	Yuvaraj T.; Sengolrajan T.; Prabaharan N.; Devabalaji K.R.; Uehara A.; Senjyu T.	Enhancing Smart Microgrid Resilience and Virtual Power Plant Profitability Through Hybrid IGWO-PSO Optimization With a Three-Phase Bidding Strategy	2025	IEEE Access	10.1109/ACCESS.2025.3565460	Scopus

List of VMRF (DU) Publications Made on SDG-11 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
22	Surya R.; Subhikshni V.S.; Kasthuri J.; Sundaram R.S.S.	EcoTrack: AI-Powered Smart Waste Management System	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025	10.1109/ICFTS62006.2025.11032071	Scopus
23	Rajesh M.; Babu R.G.; Moorthy U.; Easwaramoorthy S.V.	Machine learningdriven framework for realtime air quality assessment and predictive environmental health risk mapping	2025	Scientific Reports	10.1038/s41598-025-14214-6	Scopus
24	Michael B.S.; Krishnamoorthi S.; Prakash S.; Gokul T.; Khan S.M.R.	Waste Plastic Derived Diesel - An Experimental Investigation - Enhancing Engine Performance and Reducing Emissions Through Thermal Barrier Coatings	2025	Indian Journal of Environmental Protection		Scopus
25	Gowda V.D.; Suneel S.; Prasad V.N.; Jagtap M.M.; Prasad K.D.V.; Ramaswamy S.; Hariram V.	A novel approach to real-time environmental monitoring and automated air quality enhancement using smart nanostructured sensors with adaptive data processing	2025	Nanotechnology for Environmental Engineering	10.1007/s41204-025-00446-4	Scopus
26	Thirugnanasambandham K.; Gomathi R.; Parameswari R.; Kossar S.; Rasool A.; Shinyjoy E.; Ganesamoorthy R.	Sustainable Approach of Real Municipal Wastewater Treatment Using Lactobacillus plantarum Strain, Aluminum Chloride and Moringa oleifera Seed	2025	Journal of Water Chemistry and Technology	10.3103/S1063455X25010060	Scopus
27	Thara P.; Traisa R.; Chaudhary S.; Modi P.; Saraswat V.; Kalra H.; Ramtirthkar C.R.	AI AND DIGITAL PAINTING: REIMAGINING HUMAN–MACHINE COLLABORATION	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i3s.2025.6753	Scopus
28	Vijayakumar S.; Singaravelu R.	Time Aware Long Short-Term Memory and Kronecker Gated Intelligent Transportation for Smart Car Parking	2025	Journal of Advanced Research in Applied Sciences and Engineering Technology	10.37934/araset.44.1.134150	Scopus
29	Srivastava R.; Ramu K.; Gandhi A.; Shambharkar S.S.; Ramtirthkar C.R.; Lakshmanan L.	NLP-BASED FOLK STORY DOCUMENTATION SYSTEMS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6879	Scopus
30	Mohapatra S.; Shobana R.; Amin P.; Correa F.S.; Saiyad F.; Srivastava R.	EDUCATIONAL GAMES PROMOTING FOLK CULTURE THROUGH ARTIFICIAL INTELLIGENCE	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i1s.2025.6644	Scopus
31	Simonthomas S.; Shalini K.S.	VANET Denial of Service Attack Detection in Using Optimization and Deep Feedforward Neural Networks	2025	4th Wireless, Antenna and Microwave Symposium, WAMS 2025	10.1109/WAMS64402.2025.11158965	Scopus
32	Jayanthi L.N.; Verma S.K.; Usha R.; Sekar G.; Lakshmi V.T.; Mohankumar N.	Early Detection of Road Traffic Injuries with IoT Sensor Networks and K-Nearest Neighbors Algorithm	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025	10.1109/ICVADV63329.2025.10960893	Scopus

List of VMRF (DU) Publications Made on SDG-11 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
33	Naveenkumar K.; Divahar R.; Srinivasan S.; Ebey S.; Najadh N.	Odour Emissions From Urban Municipal Solid Waste Street Garbage Bins: Air and Microbial Analysis	2025	2025 3rd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry, IDICAIHEI 2025	10.1109/IDICAIHEI65991.2025.11377899	Scopus
34	Vijayan D.S.; Devarajan P.; Mohanavel V.; Sankaran N.; Kannan S.; Ahsan M.S.	A Review of Sustainable Implications of Energy-Efficient Buildings in the Environment	2025	Advances in Civil Engineering	10.1155/adce/9584777	Scopus
35	Sahoo S.; Delhiraj N.; Desai M.; Selvarajan S.; Singh P.; Ghumman S.; Rangasamy A.	A SYSTEMATIC REVIEW OF ASSESSING THE IMPACT OF CLIMATE CHANGE ON MENTAL HEALTH IN PUBLIC HEALTH	2025	Genetics and Molecular Research	10.4238/bjv01a08	Scopus
36	Sasikala P.; Sharmini K.S.; Ponnappan V.S.; Kavitha K.R.; Gunasekaran K.; Srinivasan C.	IoT-Integrated Convolutional Neural Network for Accurate Vehicle Acoustic Signal Analysis	2025	3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025	10.1109/ICICACS65178.2025.10967595	Scopus
37	Darisa N.G.; Meenakshi R.; Mythili A.; Amirthalingam V.; Poonia P.; Murugan S.	Real-Time Public Transit Route Adaptation using Multi-Agent Reinforcement Learning	2025	International Conference on NexGen Networks and Cybernetics, IC2NC 2025 - Proceedings	10.1109/IC2NC67409.2025.11376454	Scopus
38	Nayak D.K.; Devi S.; Poornima P.; Munjal S.; Verma S.K.; Doifode V.R.	MANAGING SCULPTURE WORKSHOPS THROUGH DIGITAL TWINS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i1s.2025.6626	Scopus
39	Subramanian B.; Sivakumar L.; Duraisamy S.; Sagayaraj S.; Yesuraj R.; Mishra N.K.	A Blockchain-Based Authentication Handover Protocol for Autonomous Vehicle Networks	2025	Tasmimgiri va Tahqiq dar Amaliyyat	10.22105/dmor.2025.515463.1933	Scopus
40	Manoharan L.; Saravanapandian M.; Dwibedi R.K.; Shanmukha Vignesh K.; Ajay B.; Kalyani K.U.	IoT Integrated Flood Detection and Avoidance	2025	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025	10.1109/ICIDCA66325.2025.11280326	Scopus
41	Monisha J.; Ramalingam L.; Mathankumar S.; Narayanasamy P.; Rajmohan M.; Murugan S.	Convolutional Neural Networks for Enhanced Real-Time Traffic Incident Detection and Image Classification	2025	Proceedings - 3rd International Conference on Advancement in Computation and Computer Technologies, InCACCT 2025	10.1109/InCACCT65424.2025.11011399	Scopus
42	Hussain K.; Saradha P.; Govindasamy S.; Neeraja P.; Suresh G.B.; Revathi V.	The Future Role of AI-Powered Healthcare Assistants in Medical Sector Drone Monitoring Systems	2025	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025	10.1109/ICISS63372.2025.11076533	Scopus

List of VMRF (DU) Publications Made on SDG-11 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
43	Hema L.K.; Chacko A.M.; Dwibedi R.K.; Regilan S.	IoT-Enabled Real-Time Flood Monitoring and Warning System Through Node MCU Using Temporal Attention Recurrent Graph Convolutional Neural Network	2025	Sensing and Imaging	10.1007/s11220-025-00604-7	Scopus
44	Malaiyappan P.; Ramya E.D.; Arul V.; Ganesan G.	Dengue Fever: A Rare Perspective and Emerging Strategies for Sustainable Global Control	2025	Journal of Communicable Diseases	10.24321/0019.5138.202536	Scopus
45	Balasaranya K.; Balamurugan M.; Ravindra Babu B.; Chandravathi C.; Logapriyadarshini K.; Naganathan S.B.T.	Real-Time Traffic Violation Detection with Automated Enforcement Using Computer Vision	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11089113	Scopus


SDG12

SDG 12 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	5 June 2025	Orientation on Plastic-Free Practices	Environmental Club and National Service Scheme (NSS), VMHMC
2	5 June 2025	World Environment Day Pledge Programme	National Service Scheme (NSS), VMHMC
3	12 July 2025	Eco Fold Workshop 2025 – Paper Bag Day	Environmental Student Club and Youth Club, School of Allied Health Sciences, in collaboration with IANATA Foundation
4	26 August 2025	Eco-Friendly Vinayakar Chathurthi Celebration	Environmental Students Club and Gender Champions Club, VMHMC
5	13 September 2025	Swachhata Pakhwada	Aarupadai Veedu Medical College and Hospital
6	15 September 2025	Swachhata Pakhwada – Pledge and Cleanliness Drive	National Service Scheme (NSS), School of Allied Health Sciences
7	15 September 2025	Swachhata Pakhwada Awareness Drive	National Service Scheme (NSS), Vinayaka Mission's College of Nursing, KKL
8	15 September 2025	Swachhata Pakhwada Pledge Ceremony	NSS Unit, School of Allied Health Sciences, Puducherry Campus
9	15 September 2025	Swachhata Pakhwada Pledge Ceremony	NSS Unit, SAHS Youth Club and EVS Club, Chennai Campus
10	17 September 2025	Swachhata Hi Seva – Community Cleanliness Initiative	AVMC&H, in collaboration with Bahour Commune Panchayat
11	24 September 2025	Temple Clean-Up Drive	National Service Scheme (NSS), School of Allied Health Sciences
12	24 September	Campus Clean-Up Initiative	National Service Scheme (NSS),

	2025		Vinayaka Mission's College of Nursing
13	30 October 2025	Sardar@150 Cleanliness Activity	National Service Scheme (NSS) and RRC Cell
14	13 November 2025	Waste Management Awareness in Adopted Villages	Unnat Bharat Abhiyan (UBA) initiative and Institutional Social Responsibility (ISR) Cell, Aarupadai Veedu Institute of Technology
15	27 November 2025	School Competition on Safe Sanitation	Department of Community Medicine
16	28 November 2025	Recycling Boot Camp 2025	Institution's Innovation Council (IIC) and Environmental Science Students Club, in collaboration with Department of Forensic Science Technology and NSS
17	2 December 2025	WOW Expo 2025 – Wealth Out of Waste	Fine Arts Club, VMCPT
18	3 December 2025	National Pollution Control Day – Environmental Awareness	Environmental Students Club, Aarupadai Veedu Institute of Technology, in association with IIC–AVIT
19	3 December 2025	National Pollution Control Day Awareness Rally	National Service Scheme (NSS) Unit and Fine Arts Club, VMCPT

DETAILED EVENT REPORTS

1. Orientation on Plastic-Free Practices

Date: 5 June 2025

Organising institution / department: Environmental Club and National Service Scheme (NSS), VMHMC

Event report: The Environmental Club and NSS Unit organised a World Environment Day orientation on "Beat Plastic Pollution" on 5 June 2025. The resource person discussed the impacts of plastic pollution, reducing single-use plastics and adopting eco-friendly daily practices. Fifty-five students and faculty members attended.



2. World Environment Day Pledge Programme

Date: 5 June 2025

Organising institution / department: National Service Scheme (NSS), VMHMC

Event report: A World Environment Day pledge programme was conducted on 5 June 2025, with 65 NSS volunteers participating and affirming their commitment to environmental sustainability.



3. Eco Fold Workshop 2025 – Paper Bag Day

Date: 12 July 2025

Organising institution / department: Environmental Student Club and Youth Club, School of Allied Health Sciences, in collaboration with IANATA Foundation

Place: School of Allied Health Sciences

Event report: The Environmental Student Club and Youth Club of the School of Allied Health Sciences, in collaboration with the IANATA Foundation, organised the Eco Fold Workshop 2025 on 12 July 2025 to mark Paper Bag Day. The hands-on workshop promoted the use of paper bags as an alternative to plastic bags.

4. Eco-Friendly Vinayakar Chathurthi Celebration

Date: 26 August 2025

Organising institution / department: Environmental Students Club and Gender Champions Club, VMHMC

Event report: The Environmental Students Club and Gender Champions Club jointly organised an eco-friendly Vinayakar Chathurthi celebration on 26 August 2025. Students, faculty members and volunteers took part in the celebration, which promoted sustainable practices and environmental awareness.



5. Swachhata Pakhwada

Date: 13 September 2025

Organising institution / department: Aarupadai Veedu Medical College and Hospital

Place: Puducherry

Event report: Aarupadai Veedu Medical College and Hospital observed Swachhata Pakhwada on 13 September 2025. The programme highlighted cleanliness, hygiene and sanitation practices and involved activities to reinforce a clean and healthy environment.



6. Swachhata Pakhwada – Pledge and Cleanliness Drive

Date: 15 September 2025

Organising institution / department: National Service Scheme (NSS), School of Allied Health Sciences

Place: Dr. A. S. Ganesan Auditorium

Event report: As part of Swachhata Pakhwada, the NSS Unit of the School of Allied Health Sciences conducted a pledge and cleanliness drive on 15 September 2025. The activity promoted cleanliness and responsible waste management.



7. Swachhata Pakhwada Awareness Drive

Date: 15 September 2025

Organising institution / department: National Service Scheme (NSS), Vinayaka Mission's College of Nursing

Event report: Vinayaka Mission's College of Nursing observed Swachhata Pakhwada on 15 September 2025. Ten faculty members and 110 students participated and pledged to promote cleanliness, hygiene and sanitation in daily life.



8. Swachhata Pakhwada Pledge Ceremony

Date: 15 September 2025

Organising institution / department: NSS Unit, School of Allied Health Sciences, Puducherry Campus

Place: SAHS Seminar Hall, Puducherry Campus

Event report: The NSS Unit of the School of Allied Health Sciences, Puducherry Campus, organised a Swachhata Pakhwada Pledge Ceremony on 15 September 2025. Around 250 students and 15 faculty members pledged to uphold cleanliness and hygiene and contribute to a cleaner campus and its surroundings. Waste collected during the activity was handed over to Bahour Municipality for safe disposal.



9. Swachhata Pakhwada Pledge Ceremony

Date: 15 September 2025

Organising institution / department: NSS Unit, SAHS Youth Club and EVS Club, Chennai Campus

Place: SAHS, VMRF (DU), Chennai Campus

Event report: The NSS Unit, SAHS Youth Club and EVS Club organised a Swachhata Pakhwada Pledge Ceremony on 15 September 2025. Around 150 students and faculty members reaffirmed their commitment to cleanliness, hygiene and environmental protection.



10. Swachhata Hi Seva – Community Cleanliness Initiative

Date: 17 September 2025

Organising institution / department: VMCN, AVMC&H, in collaboration with Bahour Commune Panchayat

Event report: A Swachhata Hi Seva initiative was organised on 17 September 2025 in collaboration with Bahour Commune Panchayat. Students and faculty members participated in awareness campaigns, cleaning activities and demonstrations to promote cleanliness and hygiene in the community.



11. Temple Clean-Up Drive

Date: 24 September 2025

Organising institution / department: National Service Scheme (NSS), School of Allied Health Sciences

Place: 1008 Shivalayam

Event report: The School of Allied Health Sciences observed NSS Day on 24 September 2025 with a temple clean-up drive at 1008 Shivalayam. The activity encouraged volunteerism, community service and responsibility for maintaining clean public spaces.



12. Campus Clean-Up Initiative

Date: 24 September 2025

Organising institution / department: National Service Scheme (NSS), Vinayaka Mission's College of Nursing

Place: College campus

Event report: The NSS Unit organised a campus clean-up drive on 24 September 2025 as part of Swachhata Hi Seva and NSS Day. Nearly 50 students participated and collected approximately 30 kilograms of garbage, helping maintain a clean and healthy campus environment.



13. Sardar@150 Cleanliness Activity

Date: 30 October 2025

Organising institution / department: National Service Scheme (NSS) and RRC Cell, VMCN, PDY

Place: Campus and nearby public areas

Event report: On 30 October 2025, the NSS and RRC Cell organised a cleanliness activity as part of the Sardar@150 celebrations. Volunteers cleaned the campus and nearby public areas, reinforcing the importance of maintaining a clean environment.



14. Waste Management Awareness in Adopted Villages

Date: 13 November 2025

Organising institution / department: Unnat Bharat Abhiyan (UBA) initiative and Institutional Social Responsibility (ISR) Cell, Aarupadai Veedu Institute of Technology

Place: Naduvakarrai and Sirudavoor

Event report: An awareness programme on waste management practices was organised on 13 November 2025 in the adopted villages of Naduvakarrai and Sirudavoor under the Unnat Bharat Abhiyan initiative and Institutional Social Responsibility Cell. The programme focused on promoting awareness of responsible waste management in the villages.



15. School Competition on Safe Sanitation

Date: 27 November 2025

Organising institution / department: Department of Community Medicine, VMMC

Place: R.M.A.S. Packirisamy Pillai Government Higher Secondary School and Government Girls High School, Kottucherry

Event report: The Department of Community Medicine conducted a Safe Sanitation School Competition on 27 November 2025 under an ICMR-funded project. Students participated in art, slogan-writing and one-minute video competitions on waste segregation, sewage management, plastic pollution, toilet usage and safe disposal practices.



16. Recycling Boot Camp 2025

Date: 28 November 2025

Organising institution / department: Institution's Innovation Council (IIC) and Environmental Science Students Club, in collaboration with Department of Forensic Science Technology and NSS, SAHS, PDY

Event report: The Institution's Innovation Council and Environmental Science Students Club organised the Recycling Boot Camp 2025 on 28 November 2025, in collaboration with the Department of Forensic Science Technology and NSS. The programme focused on recycling and responsible waste management.



17. WOW Expo 2025 – Wealth Out of Waste

Date: 2 December 2025

Organising institution / department: Fine Arts Club, VMCPT

Event report: As part of Recycling Week, the Fine Arts Club organised WOW Expo 2025 on 2 December 2025. Students designed and displayed innovative products made from waste materials, demonstrating the value of reuse, recycling and responsible waste management.



18. National Pollution Control Day – Environmental Awareness

Date: 3 December 2025

Organising institution / department: Environmental Students Club, Aarupadai Veedu Institute of Technology, in association with IIC–AVIT

Event report: The Environmental Students Club of Aarupadai Veedu Institute of Technology, in association with IIC–AVIT, observed National Pollution Control Day on 3 December 2025. The programme, themed "Sustainable Living for a Greener Future", raised awareness of environmental protection and pollution prevention.



19. National Pollution Control Day Awareness Rally

Date: 3 December 2025

Organising institution / department: National Service Scheme (NSS) Unit and Fine Arts Club, VMCPT

Place: Chinnaseeragapadi Village

Event report: The NSS Unit and Fine Arts Club organised an awareness rally at Chinnaseeragapadi Village on 3 December 2025. The rally highlighted the harmful effects of plastic bags and promoted eco-friendly alternatives through the “Meendum Manjal Pai” initiative.



***

List of VMRF (DU) Publications Made on SDG-12 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Srinivasan S.; Divahar R.	Odor Emissions from Municipal Solid Waste Open Dumps Constituting Health Problems Due to their Composition, Ecological Impacts and Potential Health Risks	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i01.B4200	Scopus
2	Nageswari N.; Divahar R.; Venkatesan N.	Synergic effect of bio-enhanced cement with nano biomass silica and polycarboxylate ether: Enhancing strength and microstructure for sustainable construction	2025	Materials Chemistry and Physics	10.1016/j.matchemphys.2025.130761	Scopus
3	Sankaranarayanan N.; Gayathiri E.; Nagarajan P.; Patil S.J.; Prakash P.	Ethical issues and safety features of nanomaterials in food packaging	2025	Nanotechnology in Food Packaging	10.1007/978-3-031-82399-2_7	Scopus
4	Varshini G.; Vinush R.; Amaran S.; Sreekumar K.; Shobana R.	Comparing Adversarially Trained DCATL with CNNs for Plant Disease Classification	2025	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025	10.1109/ICCTDC64446.2025.11158188	Scopus
5	Loganathan P.; Devika S.V.; Trivedi L.M.; Devi S.R.; Malik N.; Jayakumar D.	Optimizing Urban Solid Waste-to-Energy Production Systems with Backpropagation Neural Network Model	2025	3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025	10.1109/ICICACS65178.2025.10967692	Scopus
6	Aggarwal D.; Reddy P.; Patil M.; Kumar A.S.; Guo Q.; Kumar S.K.; Pal P.	Biodegradable Polymer Nanocomposites from Agricultural Waste for Sustainable Packaging Applications	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1233	Scopus
7	Gunasekaran N.; Kumar N.K.; Saranya L.R.; Aravindha Babu N.; Chinnathambi K.; Malakondaiah S.; Motcha Rakkini V.; Ryntathiang I.; Jothinathan M.K.D.	Biodegradation of Textile Dye Effluent Using Bacteria and Fungi Isolated from Textile Effluent and Optimization of Environmental Parameters	2025	International Journal of Advanced Science and Engineering	10.29294/IJASE.12.2.2025.5796-5805	Scopus
8	Monisha S.; Sangeetha S.P.	Analysis of Plants, Helianthus annuus (Sunflower) and Gossypium herbaceum (Cotton), for the Control of Heavy Metals Chromium and Arsenic Using Phytoremediation Techniques	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i02.B4237	Scopus
9	Selvaraj Y.; Eswaramoorthy N.; Elayappan V.; Muthusamy P.K.; Venkattappan A.; Paramasivam K.; Mtangi M.M.; Sangaraju S.	2D/2D N-doped reduced graphene oxide/hexagonal boron nitride composites from recycled batteries for high-performance symmetric coil cell supercapacitors	2025	Results in Engineering	10.1016/j.rineng.2025.107619	Scopus

List of VMRF (DU) Publications Made on SDG-12 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
10	Khushboo; Ramu K.; Pavithra M.S.; Kannan S.; Kalia A.; Phansalkar S.	MANAGING CONTEMPORARY ART INSTITUTIONS WITH PREDICTIVE INSIGHTS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6922	Scopus
11	Nangan S.; Gopi S.; Kanagaraj K.	Green synthesized carbon nanomaterials in microelectronics	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00003-2	Scopus
12	Surya R.; Subhikshni V.S.; Kasthuri J.; Sundaram R.S.S.	EcoTrack: AI-Powered Smart Waste Management System	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025	10.1109/ICFTS62006.2025.11032071	Scopus
13	Ranganathan C.S.; Arokiaraj Jovith A.; Selvarani P.; Saravana Kumar S.; Sujatha S.; Niranjan Kumar K.A.	IoT-Driven Green Building Materials and Life Cycle Assessment with Gradient Boosting Machines	2025	2024 International Conference on Smart Technologies for Sustainable Development Goals, ICSTSDG 2024	10.1109/ICSTSDG61998.2024.11026661	Scopus
14	Michael B.S.; Krishnamoorthi S.; Prakash S.; Gokul T.; Khan S.M.R.	Waste Plastic Derived Diesel - An Experimental Investigation - Enhancing Engine Performance and Reducing Emissions Through Thermal Barrier Coatings	2025	Indian Journal of Environmental Protection		Scopus
15	Vaidehi V.; Hema R.; Srinivasan C.; Kumar P.S.V.S.; Ruba M.; Vivek V.	Optimizing Plant Disease Resistance Through Cloud-Enabled Microbiome Analysis Using Logistic Regression	2025	2025 International Conference on Computing and Communications, COMPUTINGCON 2025	10.1109/COMPUTINGCON64838.2025.11376916	Scopus
16	Sona S.; Sangeetha S.P.	Eco-friendly alternative activators derived from industrial wastes for the sustainable production of two-part geopolymer concrete at low cost	2025	Construction and Building Materials	10.1016/j.conbuildmat.2025.140374	Scopus
17	Kirubakaran R.; Shameem N.; Saranya E.; Meenambigai K.; Dhanasekar R.; Parray J.A.; Yadav N.; Singh S.; Rustagi S.; Puri P.; Sharma B.; Negi R.; Yadav A.N.	Streptomyces as endomicrobiome: Potential bioinoculants for agricultural sustainability	2025	Journal of Applied Biology and Biotechnology	10.7324/JABB.2025.202260	Scopus
18	Jayanthi S.; Baby P.V.; Parameswari D.; Geetha R.; Thilagavathi P.; Jose Anand A.	Improved Convolutional Neural Network for Garbage Separation	2025	2025 6th International Conference for Emerging Technology, INCET 2025	10.1109/INCET64471.2025.11139963	Scopus

List of VMRF (DU) Publications Made on SDG-12 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
19	Michael G.; Ravichandran S.; Sathiamoorthy J.; Yatoo N.A.; Govindharaj I.; Bharath E.	Optimized Faster R-CNN with Weighted ABC for High-Accuracy Gova Leaf Disease Identification	2025	IETACS 2025 - 2025 International Conference on Innovations and Emerging Technologies in AI and Communication Systems: Unifying AI and Communication for a Smarter Tomorrow	10.1109/IETACS68750.2025.11385729	Scopus
20	Naveenkumar K.; Divahar R.; Srinivasan S.; Ebey S.; Najadh N.	Odour Emissions From Urban Municipal Solid Waste Street Garbage Bins: Air and Microbial Analysis	2025	2025 3rd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry, IDICAIHEI 2025	10.1109/IDICAIHEI65991.2025.11377899	Scopus
21	Manikanda Devarajan N.; Thiruppathi M.; Azhagiri M.; Malika S.; Arunkumar Madhuvappan C.; Vinod Kumar D.	Assessing the Impact of Leaf Blight on Rice Production in India: An Emerging Challenge	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11382956	Scopus
22	Palraj K.; Ravi D.; Sreekumar Prabha S.	Sustainable Green Phase Change Materials: A Comprehensive Review of Thermal Energy Storage	2025	Lecture Notes in Civil Engineering	10.1007/978-981-95-2266-8_62	Scopus
23	Saravanan M.; Krishnamoorthi S.; Rajaram N.; Saravanakumar M.	Synthesis of Nano-Hydroxyapatite from Sea Shell and Squid Bone Waste for Advanced Bone Applications via Precipitation Process	2025	SSRG International Journal of Mechanical Engineering	10.14445/23488360/IJME-V12I9P113	Scopus
24	Rajeshwaran R.; Logeshwari J.; Abirami R.	Effect of EPS Concrete: Balancing Construction Efficiency and Environmental Sustainability	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i02.B4268	Scopus
25	Sheela T.; Kaleeswaran D.; Jeevitha S.V.; Kumar A.L.N.A.; Sunil G.; Athiraja A.	Cross-Layer Optimization in AI-Powered Cognitive Radio Networks for Dynamic Spectrum Access	2025	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025	10.1109/ICECA66444.2025.11382605	Scopus
26	Kanagaraj K.; Nangan S.; Thirumalaivasan N.	Applications of carbon-based nanomaterials derived from plant extracts in composite materials	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00007-X	Scopus
27	Reddy A.R.S.; Nagaraja Rao P.P.; Gopinath V.; Tikhe K.; Ajai Kumar E.; Thangadurai N.	Integrating UAV and IoT Technologies for Precision Agriculture: Efficient Seed Dropping, Fertilization, and Pest Control	2025	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025	10.1109/I2ITCON65200.2025.11210451	Scopus

List of VMRF (DU) Publications Made on SDG-12 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
28	Venkatachalam R.; Supriya S.; Deshpande M.R.; Vaidevi C.; Bhattacharya S.	Implementing Zero Liquid Discharge Systems to Minimize Industrial Wastewater Residues in Mechanical Manufacturing Processes	2025	Springer Water	10.1007/978-3-031-84909-1_3	Scopus
29	Kumarasundari V.; Malani P.; Namratha M.; Mehta P.; Kunal K.; Sivakumar C.	Smart Medication Disposal Systems: An IoT-Based Approachto Managing Unused Pharmaceuticals	2025	Proceedings ICECONF 2025 - 2025 2nd International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering	10.1109/ICECONF65644.2025.11379623	Scopus
30	Palraj K.; Divahar R.; Sangeetha S.P.	Green phase change materials for sustainable buildings: A pathway to low-carbon thermal management	2025	Journal of Energy Storage	10.1016/j.est.2025.118953	Scopus
31	Biju V.G.; Shihabudeen H.; Devabalaji K.R.; Abdul Latheef M.M.; Thomas T.; Mali G.	Federated Learning Based Crop Disease Detection in Precision Agriculture	2025	International Conference on Trends in Engineering Systems and Technologies, ICTEST 2025 - Proceedings	10.1109/ICTEST64710.2025.11042416	Scopus
32	Parthiban D.; Vijayan D.S.; Sundar S.S.; Sivasuriyan A.	Engineering Behavior Assessment of Weak Soil Stabilized Using Amalgamated Geopolymer with Industrial Waste—An Experimental Study	2025	Lecture Notes in Civil Engineering	10.1007/978-981-96-1873-6_4	Scopus
33	Azeez S.; Rahim P.A.; Sudarson J.; Ryntathiang I.; Jothinathan M.K.D.; Ramalingam S.	Chitosan from Rhizopus stolonifer: Process optimization, structural characterization and selective antimicrobial activity	2025	Journal of Ayurveda and Holistic Medicine	10.70066/jahm.v13i8.2205	Scopus
34	Dhilipkumar T.; Sadeq A.M.; Karuppusamy P.; Shankar K.V.; Murali A.P.; Darem A.A.; Selvakumar K.; Giri J.	Exploring recent advances in carrageenan-based films for sustainable food packaging applications	2025	European Food Research and Technology	10.1007/s00217-025-04835-6	Scopus
35	Balasubramaniam A.; Baskar V.V.; Jawahar Rani K.; Bhuvaanesh Ravikaruna Moorthy B.S.; Suresh M.; Murugan S.	Feedforward Neural Network for Temperature Forecasting in Smart Agriculture and Energy Planning	2025	2025 3rd World Conference on Communication and Computing, WCONF 2025	10.1109/WCONF64849.2025.11233741	Scopus
36	Maniraj S.P.; Monisha J.; Amutha R.; Kavitha R.; Shriidhar P.J.; Srinivasan C.	Agricultural Water Conservation through AI-Enhanced Solar IoT Networks	2025	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10940116	Scopus

List of VMRF (DU) Publications Made on SDG-12 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
37	Kumar I.; Tamilselvam M.; Vijayakumar G.N.S.; Singh V.; Pandey R.K.; Shivanand C.G.; Rajendiran M.; Prasad A.R.	Redefining Concrete Sustainability: The Potential of Nano-Materials in Green Construction	2025	AIP Conference Proceedings	10.1063/5.0263877	Scopus
38	Soni N.; Gupta P.; Singh S.D.K.; Velramar B.; Agrawal N.; Selvan S.T.; Pamidimarri S.D.V.N.; Singh R.K.	Conversion of Plastic Waste to Chemicals and Biofuels	2025	Valorization of Solid Wastes to Biofuels and Chemical Products for Sustainable World	10.1007/978-981-96-8594-3_4	Scopus
39	Thakur S.	Environmental crises as crises of representation: Community rights and natural resource (Mis) management in India	2025	Jindal Global Law Review	10.1007/s41020-025-00273-3	Scopus
40	Kittappa T.; Padmavathi T.; Kumuda P.R.; Suresh G.B.; Murugesan G.; Revathi V.	An Intelligent Internet of Things Based Health Care Hospital Management of Medical Waste and its Segregation	2025	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025	10.1109/ICVADV63329.2025.10961033	Scopus
41	Ramakrishnan R.; Jambunathan L.; Rajendran A.	Effect of EPS concrete: “structural performance and environmental impact on pollution control: an assessment of expanded polystyrene (EPS) concrete for sustainable construction”	2025	Environmental Science and Pollution Research	10.1007/s11356-025-36785-7	Scopus
42	Parthiban D.; Vijayan D.S.; Arunachalam S.; Kumar H.; Kumar B.; Kumar S.N.; Sankaran N.	Synergic Effect of Cashew Nutshell Ash as Partially Replaced Binding Material in Cement Concrete- an Experimental Study	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_38	Scopus
43	Thakur N.; Tapwal A.; Kumari K.; Thakur R.K.; Ganesamoorthy R.; Thirugnanasambandham K.	Advancements in biogenic nanoparticles synthesis, characterization and its mechanism in disease management	2025	Bioresource Technology Reports	10.1016/j.biteb.2025.102227	Scopus
44	Mukherjee S.; Thakur D.; Chandel P.K.; Chandra S.; Karia A.	Cultivating sustainable growth and well-being in digital financial education	2025	Exploring Psychology, Social Innovation and Advanced Applications of Machine Learning	10.4018/979-8-3693-6910-4.ch014	Scopus
45	Samuvel Michael B.; Krishnamoorthi S.; Senthilkumar A.; Raj Kumar G.; Praveen Kumar C.	Exploring the Impact of Varied Injection Angle on the Performance of a Variable Compression Ratio (VCR) Engine Fueled by Biodiesel from Plastic Waste	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_12	Scopus
46	Murugan S.K.; Rede G.D.; Baskaran T.L.; Kumari P.; Nuta A.C.	DETERMINANTS OF SOLAR WATER PUMPING SYSTEM ADOPTION AMONG FARMERS: A FACTOR ANALYSIS APPROACH	2025	Journal Of Economic Sciences: Theory And Practice	10.30546/jestp.2025.82.02.2016	Scopus

List of VMRF (DU) Publications Made on SDG-12 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
47	Vijayan D.S.; Devarajan P.; Mohanavel V.; Sankaran N.; Kannan S.; Ahsan M.S.	A Review of Sustainable Implications of Energy-Efficient Buildings in the Environment	2025	Advances in Civil Engineering	10.1155/adce/9584777	Scopus
48	Chauhan G.; Sudan P.; Vashisht N.; Bn K.R.; Kaur G.; Ashok Kumar S.; Sule B.	MANAGING DIGITAL MEDIA PRODUCTION THROUGH INTELLIGENT AUTOMATION	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i3s.2025.6778	Scopus
49	Manikanda Devarajan N.; Azhagiri M.; Balakrishnan S.; Brinda Devi S.; Murali G.; Vinod Kumar D.	Revolutionizing Agriculture: AI-Powered Pest Control and Disease Management using CNNs	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11383267	Scopus
50	Balakrishnan S.; Sunil Kumar R.M.; Simonthomas S.	Challenges and Future Directions	2025	Engineering the Circular Economy: Leveraging Fuzzy Logic for Implementation	10.1201/9781003538837-12	Scopus
51	Sujatha V.; Suriya R.; Sethuraman D.; Mohammed A.J.; Jagadeeswaran M.; Ganeshbabu T.R.	Real-Time Seedling Detection and Transplantation Using YOLOv5 in Autonomous Robotic Systems	2025	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025	10.1109/ICDICI66477.2025.11135160	Scopus
52	Veeranjaneyulu I.; Radhamani K.; Saranya S.; Shankar B.; Tamilselvam M.; Venkatachalam S.	The Future Role of Artificial Intelligence and Internet of Things Smart Green Homes Buildings	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025	10.1109/ICFTS62006.2025.11032033	Scopus
53	Thi Trang Nhung T.; Verma S.; Ponne S.; Meghwanshi G.K.; Schön T.; Kumar R.	Bacteriophage-based strategies for biocontrol and treatment of infectious diseases	2025	Computational and Structural Biotechnology Journal	10.1016/j.csbj.2025.06.046	Scopus
54	Reddy S.; Bhavan Kumar M.; Ramakrishnan M.; Gupta M.; Nagarajan P.; Karna A.K.; Bhardwaj U.	Analyzing the Antimicrobial Properties of Green Synthesized Nanoparticles in Food Preservation	2025	Genetics and Molecular Research	10.4238/jx940a74	Scopus
55	Mohan G.D.; Venkatesan H.; Babu K.L.; Tullanithi K.M.; Sridevi M.	Modelling Structured Outcomes in Lycopodium Clavatum Formulations using Temporal Probabilistic Deep Fusion Network	2025	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025	10.1109/ICEAMST67459.2025.11335672	Scopus
56	Venkatachalam S.K.; Senthilkumar D.; Duraisamy N.; Sheela T.; Moovendhan M.	Advancements in polysaccharide-based carriers for eco-friendly fungicide delivery	2025	Carbohydrate Polymer Technologies and Applications	10.1016/j.carpta.2025.101026	Scopus
57	Parvathy P.R.; Vaidehi V.; Nisha K.; Mahesh A.; Ganesan R.; Arunagiri B.	Efficient Fertilizer Variable Rate Management Using Gradient Boosting Machines and Cloud Technology	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11089270	Scopus

List of VMRF (DU) Publications Made on SDG-12 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
58	Gupta D.; Chaudhary A.K.; Verma D.; Singh W.; Nangan S.; Thanigaivel S.; Rajendran S.; Lackner M.	AHP-TOPSIS-based analysis for the wettability of agro-industrial waste particulates Bhimal fiber-reinforced epoxy bio-composites in different oil water environments	2025	Green Chemistry Letters and Reviews	10.1080/17518253.2025.2461243	Scopus
59	Monisha S.; Suriya P.; Johny S.; Biju A.; Scaria N.M.	Sustainable Civil Engineering Practices: Implementing Green Building Technologies with AI Assistance	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025	10.1109/CE2CT64011.2025.10939206	Scopus
60	Jamuna J.; Mallik B.K.; Lakshmanan L.; Desai M.; Trivedi K.N.; Singh L.; Singh S.	Precision Livestock Management Systems for Simultaneous Optimization of Welfare Health and Environmental Footprint	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.4.45	Scopus


SDG13

SDG 13 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	5 June 2025	Variyar Riders – Green Mobility Initiative	VMKVMC&H
2	5 June 2025	Environmental Conservation Activities with the Forest Department	NEP Cell, NEP SAARTHIs and NEP Students Club, College of Physiotherapy, Salem
3	27 June 2025	World Nature Conservation Day Awareness Activities	ECO Warriors Students Club, VMCN, PDY
4	27 June 2025	Eco-Friendly Initiative by Community Medicine Students	Department of Community Medicine
5	25 July 2025	Tree Plantation Drive by NSS Unit	National Service Scheme (NSS). SRBS, PDY
6	26 July 2025	Guest Lecture on Environmental Sustainability in Coal Mining	Alumni Cell and Department of Biotechnology. VMKVEC
7	28 July 2025	Nature-Themed Drawing Competition	Environmental Student Club, VMACON
8	13 August 2025	Nature Conservation Awareness Programme	Environmental Students Club, SAHS, SLM
9	13 August 2025	Guest Lecture on Energy Storage Solutions for Renewable Integration	Department of Electrical and Electronics Engineering
10	22 August 2025	Sapling Plantation Drive	The NSS/RRC and EVS Club of the School of Arts and Science
11	26 August 2025	Eco-Friendly Vinayakar Chathurthi Celebration	Environmental Students Club and Gender Champions Club, VMHMC
12	29 August	Ek Ped Maa Ke Naam – Tree	NSS and RRC Units, VMCN, PDY

	2025	Plantation Drive	
13	14 September 2025	Run for Climate Change Marathon	Aarupadai Veedu Medical College and Hospital
14	16 September 2025	World Ozone Day Observance	Environmental Student Club, VMACON
15	16 September 2025	World Ozone Day Competitions	Environmental Students Club, AVIT
16	20 September 2025	International Coastal Cleanup Day	AVMC&H, in collaboration with Department of Science, Technology and Environment, Government of Puducherry
17	22 September 2025	Seed Ball Initiative for Ozone Day	Environmental Science Club, VMCP
18	24 September 2025	Beach Clean-Up and Plantation Drive	NSS Unit, School of Allied Health Sciences, PDY
19	26 September 2025	Environmental Health Day 2025 – Clean Air, Healthy People	Environmental Science Students Club, School of Allied Health Sciences, PDY
20	27 September 2025	Environmental Health Day and Ayurveda Day Celebrations	Eco Club, NSS and Red Ribbon Club, SAS
21	13 October 2025	International Day for Natural Disaster Reduction Observance	Environmental Student Club, VMACON
22	14 October 2025	World Wildlife Week Competitions	Tamil Nadu Forest Department and Environmental Students Club. SAHS, Chennai
23	22 October 2025	World Earthworm Day Observance	Environmental Students Club, VMACON
24	6 November 2025	Cleanup Drive and Tree Plantation Activity	NSS Unit and Environmental Club, SAHS, Chennai
25	3 December 2025	National Pollution Control Day and Seed Bomb Blitz	Environmental Students Club, AVIT, in association with IIC–AVIT

DETAILED EVENT REPORTS

1. Variyar Riders – Green Mobility Initiative

Date: 5 June 2025

Organising institution / department: VMKVMC&H

Place: VMKVMC&H campus

Event report: On World Environment Day, VMKVMC&H launched "Variyar Riders", introducing 300 eco-friendly bicycles and dedicated cyclepods. A cycle rally and treasure hunt accompanied the initiative. The programme was intended to reduce the campus carbon footprint and promote sustainable mobility.



2. Environmental Conservation Activities with the Forest Department

Date: 5 June 2025

Organising institution / department: NEP Cell, NEP SAARTHIs and NEP Students Club, College of Physiotherapy, Salem

Place: Siddhar Kovil

Event report: The NEP Cell, NEP SAARTHIs and NEP Students Club of the College of Physiotherapy, Salem, collaborated with the Forest Department at Siddhar Kovil on 5 June 2025. Activities included environmental awareness, trekking, nature journalism, tree planting, seedling orientation, a nursery visit and public awareness on wildlife management.



3. World Nature Conservation Day Awareness Activities

Date: 27 June 2025

Organising institution / department: ECO Warriors Students Club

Event report: The ECO Warriors Students Club conducted environmental awareness activities in observance of World Nature Conservation Day on 27 June 2025.



4. Eco-Friendly Initiative by Community Medicine Students

Date: 27 June 2025

Organising institution / department: Department of Community Medicine, VMMC

Place: Kalikuppam, Karaikal

Event report: Third-year MBBS students observed World Environment Day in Kalikuppam, Karaikal, by donating saplings to households and explaining the environmental and medicinal benefits of the plants. They distributed health education materials on plastic pollution, solid

waste management, water purification, stagnant water and vector breeding, air pollution and sanitation.



5. Tree Plantation Drive by NSS Unit

Date: 25 July 2025

Organising institution / department: National Service Scheme (NSS). SRBS, PDY

Place: SRBS Ground

Event report: The NSS Unit organised a tree plantation programme on 25 July 2025 at the SRBS Ground to promote environmental awareness, sustainable practices and ecological responsibility.

6. Guest Lecture on Environmental Sustainability in Coal Mining

Date: 26 July 2025

Organising institution / department: Alumni Cell and Department of Biotechnology, VMKVEC

Event report: The Alumni Cell and Department of Biotechnology hosted a guest lecture on "Environmental Sustainability in the Context of Coal Mining" on 26 July 2025 as part of the Alumni Lecture Series.



7. Nature-Themed Drawing Competition

Date: 28 July 2025

Organising institution / department: Environmental Student Club, VMACON

Event report: The Environmental Student Club organised a drawing competition on 28 July 2025 in observance of World Nature Conservation Day. The competition focused on environmental preservation and encouraged students to express environmental responsibility through art.



8. Nature Conservation Awareness Programme

Date: 13 August 2025

Organising institution / department: Environmental Students Club, SAHS, SLM

Event report: As part of the Student Induction Programme 2025–2026, the EVS Club organised a Nature Conservation Awareness Programme on 13 August 2025. Mr. V. Gokul, Founder of the Salem Nature Club, delivered a session on nature conservation, supported by interactive activities.



9. Guest Lecture on Energy Storage Solutions for Renewable Integration

Date: 13 August 2025

Organising institution / department: Department of Electrical and Electronics Engineering

Place: Indoor Auditorium

Event report: The Department of Electrical and Electronics Engineering organised a guest lecture on 13 August 2025 featuring Mr. Shebeer Mohammed, Founder and CEO of enRobosys Pvt. Ltd. The session highlighted energy storage technologies and their role in renewable energy integration.



10. Sapling Plantation Drive

Date: 22 August 2025

Organising institution / department: The NSS/RRC and EVS Club of the School of Arts and Science

Place: Flexera, Chennai

Event report: A sapling plantation drive was included in the activities reported by the Department of Computer Science and Engineering on 22 August 2025.



11. Eco-Friendly Vinayakar Chathurthi Celebration

Date: 26 August 2025

Organising institution / department: Environmental Students Club and Gender Champions Club, VMHMC

Event report: The Environmental Students Club and Gender Champions Club jointly organised an eco-friendly Vinayakar Chathurthi celebration on 26 August 2025. The celebration promoted sustainable practices and environmental consciousness among students, faculty members and volunteers.



12. Ek Ped Maa Ke Naam – Tree Plantation Drive

Date: 29 August 2025

Organising institution / department: NSS and RRC Units, VMCN, PDY

Event report: The NSS and RRC Units organised a tree plantation drive titled “Ek Ped Maa Ke Naam” on 29 August 2025 under the guidance of Dr. Edna Sweenie J., Principal-cum-Professor, VMCON, Puducherry. The initiative highlighted environmental protection and sustainability.



13. Run for Climate Change Marathon
Date: 14 September 2025
Organising institution / department: Aarupadai Veedu Medical College and Hospital
Place: Puducherry
Event report: Aarupadai Veedu Medical College and Hospital organised the Run for Climate Change Marathon on 14 September 2025. Students, faculty and community members participated to promote awareness of climate change and environmental sustainability.

14. World Ozone Day Observance
Date: 16 September 2025
Organising institution / department: Environmental Student Club, VMACON
Place: VMACON, Salem
Event report: The Environmental Student Club at VMACON observed World Ozone Day on 16 September 2025. The Principal addressed students on the importance of protecting the ozone layer and promoting sustainable environmental practices.

15. World Ozone Day Competitions
Date: 16 September 2025
Organising institution / department: Environmental Students Club, AVIT
Event report: The Environmental Students Club of AVIT commemorated World Ozone Day on 16 September 2025 by conducting competitions to promote awareness of ozone layer protection.

16. International Coastal Cleanup Day
Date: 20 September 2025
Organising institution / department: AVMC&H, in collaboration with Department of Science, Technology and Environment, Government of Puducherry
Place: Ruby Beach, Veerampatinam
Event report: AVMC&H participated in International Coastal Cleanup Day on 20 September 2025 in collaboration with the Department of Science, Technology and Environment, Government of Puducherry. Thirty medical students took part in the cleanup at Ruby Beach, Veerampatinam, promoting environmental awareness and coastal ecosystem protection.



17. Seed Ball Initiative for Ozone Day

Date: 22 September 2025

Organising institution / department: Environmental Science Club, VMCP

Event report: The Environmental Science Club conducted a seed-ball initiative on 22 September 2025 as part of Ozone Day activities and raised awareness of climate change on campus.



18. Beach Clean-Up and Plantation Drive

Date: 24 September 2025

Organising institution / department: NSS Unit, School of Allied Health Sciences

Place: Palmyra Beach, Puducherry

Event report: The NSS Unit of SAHS conducted a beach clean-up and plantation drive at Palmyra Beach, Puducherry, on 24 September 2025 as part of NSS Day 2025. Students cleaned the beach and planted saplings, promoting environmental awareness and community service.



19. Environmental Health Day 2025 – Clean Air, Healthy People

Date: 26 September 2025

Organising institution / department: Environmental Science Students Club, School of Allied Health Sciences

Place: SAHS Auditorium

Event report: The Environmental Science Students Club organised an Environmental Health Day programme on 26 September 2025. A guest lecture on "Clean Air, Healthy People" highlighted the effects of air pollution on health and promoted pollution control, green spaces and renewable energy. A poster presentation was also conducted.



20. Environmental Health Day and Ayurveda Day Celebrations

Date: 27 September 2025

Organising institution / department: Eco Club, NSS and Red Ribbon Club, SAS

Event report: The Eco Club, NSS and Red Ribbon Club jointly organised Environmental Health Day and Ayurveda Day celebrations on 27 September 2025 under the theme "Clean Air, Healthy People – Ancient Wisdom, Modern Breath". The programme included awareness sessions and student activities on air quality and sustainable living.



21. International Day for Natural Disaster Reduction Observance

Date: 13 October 2025

Organising institution / department: Environmental Student Club, VMACON

Event report: The Environmental Student Club observed the International Day for Natural Disaster Reduction on 13 October 2025.

22. World Wildlife Week Competitions

Date: 14 October 2025

Organising institution / department: Tamil Nadu Forest Department and Environmental Students Club, SAHS, Chennai

Event report: The Tamil Nadu Forest Department and Environmental Students Club jointly organised painting, drawing and quiz competitions on 14 October 2025 as part of World Wildlife Week. The activities promoted awareness of forest and wildlife conservation.



23. World Earthworm Day Observance

Date: 22 October 2025

Organising institution / department: Environmental Students Club, VMACON

Event report: The Environmental Students Club observed World Earthworm Day on 22 October 2025 to highlight the role of earthworms in maintaining soil health.



24. Cleanup Drive and Tree Plantation Activity

Date: 6 November 2025

Organising institution / department: NSS Unit and Environmental Club, SAHS, Chennai**Event report:** The NSS Unit and Environmental Club organised a cleanup drive and

tree plantation activity on 6 November 2025. The initiative aimed to promote environmental consciousness and social responsibility among students.



25. National Pollution Control Day and Seed Bomb Blitz

Date: 3 December 2025

Organising institution / department: Environmental Students Club, AVIT, in association with IIC–AVIT

Event report: The Environmental Students Club of AVIT, in association with IIC–AVIT, observed National Pollution Control Day on 3 December 2025 under the theme "Sustainable Living for a Greener Future". The programme raised awareness of environmental protection and pollution prevention and included an eco-friendly seed bomb activity.



***

List of VMRF (DU) Publications Made on SDG-13 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Sabapathy P.C.; Parthiban A.; Bhusal C.K.; Singh S.; Sehgal R.; Qi X.	Recent improvements in starch films with cellulose and its derivatives–A review	2025	Journal of the Taiwan Institute of Chemical Engineers	10.1016/j.jtice.2024.105920	Scopus
2	Srinivasan S.; Divahar R.	Odor Emissions from Municipal Solid Waste Open Dumps Constituting Health Problems Due to their Composition, Ecological Impacts and Potential Health Risks	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i01.B4200	Scopus
3	Palraj K.; Divahar R.; Sangeetha S.P.	Green phase change materials for sustainable buildings: A pathway to low-carbon thermal management	2025	Journal of Energy Storage	10.1016/j.est.2025.118953	Scopus
4	Lasithamol N.; Sadath C.A.; Prasanth C.	A Farm-Level Exploration of the Factors Influencing Climate Change Adaptation Strategies among Rice Farmers in Kerala, India	2025	Agris On-line Papers in Economics and Informatics	10.7160/aol.2025.170105	Scopus
5	Hariram V.; Sathishbabu R.; John J.G.; Kailiappan N.; Vijayakumar K.; Kumar E.S.; Priya K.K.	Maximizing the combustion phenomenon with reduced emission of a compression ignition engine fulled with Dunaliella salina biodiesel and hydrogen blends	2025	Scientific Reports	10.1038/s41598-025-16285-x	Scopus
6	Rajasekaran M.; Krishnamoorthi S.; Ganesh P.R.; Vijayakumar A.; Yugendran S.	Synergistic Enhancement of Diesel Engine Performance and Emissions through Jackfruit Peel Biodiesel Blends: An Experimental Investigation	2025	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.1.12	Scopus
7	Baskaran D.; Nagarajan L.; Saravanan P.; Byun H.-S.	Understanding the characteristics of SO2 capture: Effect of solar-assisted adsorbent, isotherms, kinetics, thermodynamics, and mechanism	2025	Alexandria Engineering Journal	10.1016/j.aej.2025.05.031	Scopus
8	Singh S.K.; Manjunath H.R.; Santhosh M.B.; Rangegowda R.; Taneja M.; Kumar R.R.; Singh P.	Genetic Variation Analysis in Drought-Resistant Crop Species Using Molecular Markers	2025	Genetics and Molecular Research	10.4238/2q6tzv26	Scopus
9	Aggarwal D.; Reddy P.; Patil M.; Kumar A.S.; Guo Q.; Kumar S.K.; Pal P.	Biodegradable Polymer Nanocomposites from Agricultural Waste for Sustainable Packaging Applications	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1233	Scopus
10	Rajasekaran M.; Krishnamoorthi S.; Vijayaragavan M.	An experimental investigation of the effects of blending camphor oil infused with jack fruit biodiesel and nanoparticles on the performance, combustion, and exhaust emissions of a compression ignition engine	2025	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089231225750	Scopus

List of VMRF (DU) Publications Made on SDG-13 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
11	Shyamalagowri M.; Prabhakaran P.; Vairavel K.S.; Devarajan R.; Hussaini M.M.; Padmavathi M.	AI-Integrated Solar Powered Autonomous Electric Vehicle and a Zero Tailpipe Emission Analysis	2025	2025 International Conference on Computational Innovations and Engineering Sustainability, ICCIES 2025	10.1109/ICCIES63851.2025.11032742	Scopus
12	Yuvaraj T.; Sengolrajan T.; Prabaharan N.; Devabalaji K.R.; Uehara A.; Senjyu T.	Enhancing Smart Microgrid Resilience and Virtual Power Plant Profitability Through Hybrid IGWO-PSO Optimization With a Three-Phase Bidding Strategy	2025	IEEE Access	10.1109/ACCESS.2025.3565460	Scopus
13	S G.S.M.	Against the current: Addressing climate-induced health disparities in India's transgender community	2025	Science Talks	10.1016/j.sctalk.2025.100473	Scopus
14	Arathi B.N.; Suresh G.B.; Karthikeyan M.; Bandlamudi S.; Sankarganesh R.; Manimaran M.	Applications of Green Renewable Energy in E-Vehicle Integrated Charging Systems	2025	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025	10.1109/ICKECS65700.2025.11035331	Scopus
15	Kanagaraj K.; Karuppanan K.; Nangan S.	Carbon-based nanomaterials from plant extracts and other bioresources in hydrogen storage applications	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00009-3	Scopus
16	Basivi P.K.; Selvaraj Y.; Perumal S.; Bojarajan A.K.; Lin X.; Girirajan M.; Kim C.W.; Sangaraju S.	Graphitic carbon nitride (g–C3N4)–Based Z-scheme photocatalysts: Innovations for energy and environmental applications	2025	Materials Today Sustainability	10.1016/j.mtsust.2024.101069	Scopus
17	Balaji B.; Ingale K.; Selvakumar P.P.A.; Kong D.; Nagalakshmi R.; Garg A.	Metal-Organic Framework Catalysts for Carbon Dioxide Conversion into Value-Added Chemicals	2025	International Academic Journal of Science and Engineering	10.71086/IAJSE/V12I4/IAJSE1232	Scopus
18	Samuvel Michael B.; Krishnamoorthi S.; Senthilkumar A.; Raj Kumar G.; Praveen Kumar C.	Exploring the Impact of Varied Injection Angle on the Performance of a Variable Compression Ratio (VCR) Engine Fueled by Biodiesel from Plastic Waste	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_12	Scopus
19	Murugan S.K.; Rede G.D.; Baskaran T.L.; Kumari P.; Nuta A.C.	DETERMINANTS OF SOLAR WATER PUMPING SYSTEM ADOPTION AMONG FARMERS: A FACTOR ANALYSIS APPROACH	2025	Journal Of Economic Sciences: Theory And Practice	10.30546/jestp.2025.82.02.2016	Scopus
20	Vijayan D.S.; Devarajan P.; Mohanavel V.; Sankaran N.; Kannan S.; Ahsan M.S.	A Review of Sustainable Implications of Energy-Efficient Buildings in the Environment	2025	Advances in Civil Engineering	10.1155/adce/9584777	Scopus

List of VMRF (DU) Publications Made on SDG-13 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
21	Murugan S.K.; Kumari P.; Baskaran T.L.; Dimen L.; Nuta A.C.	Comparative Economic Impact of Green Energy Investments: Evidence from India, USA, Germany, and Denmark	2025	Energies	10.3390/en18143626	Scopus
22	Manikanda Devarajan N.; Thiruppathi M.; Azhagiri M.; Malika S.; Arunkumar Madhuvappan C.; Vinod Kumar D.	Assessing the Impact of Leaf Blight on Rice Production in India: An Emerging Challenge	2025	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025	10.1109/ICECMSN68058.2025.11382956	Scopus
23	Sathiyaraj S.; Venkatesan S.; Meena R.L.; Sahoo S.S.R.	Development of a Hydrogen-Fueled Transit Vehicle	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_21	Scopus
24	Sahoo S.; Delhiraj N.; Desai M.; Selvarajan S.; Singh P.; Ghumman S.; Rangasamy A.	A SYSTEMATIC REVIEW OF ASSESSING THE IMPACT OF CLIMATE CHANGE ON MENTAL HEALTH IN PUBLIC HEALTH	2025	Genetics and Molecular Research	10.4238/bjv01a08	Scopus
25	Thirugnanam B.; Mani P.; Settu M.; Venkattappan A.	Unlocking the potential of photocatalysts: Recent advances in layered double hydroxide and future outlook	2025	Journal of Environmental Sciences (China)	10.1016/j.jes.2025.02.040	Scopus
26	Palraj K.; Ravi D.; Sreekumar Prabha S.	Sustainable Green Phase Change Materials: A Comprehensive Review of Thermal Energy Storage	2025	Lecture Notes in Civil Engineering	10.1007/978-981-95-2266-8_62	Scopus
27	Safare R.; Nirupama E.; Kunnathully K.; Ranjithkumar A.; Aradhya S.G.B.; Selvakumar P.; Manjunath T.C.	Environmental Diplomacy and Cross-Border Negotiations	2025	Cross-Border Cooperation in the Age of Climate Change	10.4018/979-8-3373-3972-6.ch009	Scopus
28	Krishnamoorthi S.; Prabhu L.; Rahil M.; Nagasai K.; Faim M.	Experimental Investigation of Diesel Engine Using Chlorella Algae-Acetylene by Dual Fuel Mode	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_7	Scopus
29	Prabhahar M.; Prakash S.; Boobesh Kumar P.; Kalidhasan B.	Enhanced Performance and Emission Characteristics of Soybean Biodiesel using TiO2 Nanoparticles in CRDI Engines: A Comprehensive Analysis	2025	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt25114	Scopus
30	Krishnamoorthi S.; Thiagarajan C.; Prabhahar M.; Raghunathan A.K.; Deepak P.V.	Performance and Emission Characteristics of Soapnut Methyl Esters-Diesel Blends Between VCR and Tata Zip XL Engine	2025	Springer Proceedings in Materials	10.1007/978-981-96-7380-3_24	Scopus
31	V H.; R S.; J G.J.; Kailiappan N.; K V.; E S.K.; K K.P.	Enhanced combustion and emission characteristics of diesel-algae biodiesel-hydrogen blends in a single-cylinder diesel engine	2025	Results in Engineering	10.1016/j.rineng.2025.104676	Scopus

List of VMRF (DU) Publications Made on SDG-13 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
32	Srinivasan S.A.; Musthafa B.; Vardhana Naidu B.V.; Kumar M.S.	Optimization and experimental investigation on CI engine characteristics fuelled with low carbon alcohols and juliflora biodiesel blends: A RSM approach	2025	Fuel	10.1016/j.fuel.2025.134542	Scopus
33	Kanagaraj K.; Nangan S.; Thirumalaivasan N.	Applications of carbon-based nanomaterials derived from plant extracts in composite materials	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00007-X	Scopus
34	Monisha S.; Suriya P.; Johny S.; Biju A.; Scaria N.M.	Sustainable Civil Engineering Practices: Implementing Green Building Technologies with AI Assistance	2025	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025	10.1109/CE2CT64011.2025.10939206	Scopus


SDG14

SDG 14 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	20 September 2025	International Coastal Cleanup Day with Puducherry Government Department	AVMC&H, Puducherry
2	24 September 2025	Beach Clean-Up Activity	NSS Unit, SAHS

DETAILED EVENT REPORTS

1. International Coastal Cleanup Day with Puducherry Government Department

Date: 20 September 2025

Organising institution / department: AVMC&H, in collaboration with Department of Science, Technology and Environment, Government of Puducherry

Place: Ruby Beach, Veerampatinam

Event report: AVMC&H collaborated with the Department of Science, Technology and Environment, Government of Puducherry, for International Coastal Cleanup Day on 20 September 2025 at Ruby Beach, Veerampatinam. Thirty medical students participated in the coastal cleanup.



2. Beach Clean-Up Activity

Date: 24 September 2025

Organising institution/department: NSS Unit, SAHS in collaboration with Puducherry Coastal Movement

Place: Karaikal

Event report: A beach clean-up activity conducted by the NSS Unit in collaboration with the Puducherry Coastal Movement at Karaikal on 26 September 2025.


ORGANIZES
NATIONAL SERVICE SCHEME DAY

***

List of VMRF (DU) Publications Made on SDG-14 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Elumalai L.; Nagarajan S.; Abass K.S.; Chandhirasekar K.; Singh S.; Varshney D.; Ganesan S.	Bioremediation of mercury and cadmium using marine Streptomyces sp. K13: biosorption, bioreactor and its toxicity studies	2025	Environmental Geochemistry and Health	10.1007/s10653-025-02820-2	Scopus
2	Mane M.; Patil D.V.; Mohur J.; Krishnamoorthy P.; Ahmad N.; Bhatnagar T.; Tripathy A.	Metapopulation Dynamics of Endangered Amphibians in Fragmented Wetland Networks	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.2.45	Scopus
3	Mohanaprakash T.A.; Bhagyalakshmi A.; Senthilkumar S.; Patro P.; Rao N.K.K.; Boopathi S.	AI-enhanced advanced aquaponics in agricultural systems	2025	Utilizing Aeroponics Techniques for Improved Farming	10.4018/979-8-3693-2320-5.ch009	Scopus
4	Nagarajan P.; Datta D.; Begum A.; Naik Y.; Ramakrishnan M.; Kataria A.; Solanki S.	Assessing the Impact of Microplastic Pollution on Aquatic Ecosystems and Food Chains	2025	Genetics and Molecular Research	10.4238/zkf18q44	Scopus
5	Kalaivani L.; Maheswari R.V.; Vimal S.; Rajesh M.; Sitharthan R.	Optimized Deep Neural Network for Defect Recognition in Switched Reluctance Motors With Unbalanced Partial Discharge Datasets	2025	IEEE Power Electronics Magazine	10.1109/MPEL.2025.3593772	Scopus
6	Shankar S.O.; Ratheesh R.; Muthamil T.; Balamurugan A.; Rajeswari J.; Vignesh S.	Real-time Oil Spill Detection and Monitoring Using Deep Learning and Convolutional Neural Networks	2025	International Conference on Electrical Energy Systems, ICEES	10.1109/ICEES67011.2025.11213402	Scopus
7	Rajendiran D.; Harikrishnan N.; Veeramuthu K.	Heavy metal concentrations and pollution indicators in the Ennore ecosystem, east coast of Tamilnadu, India using atomic absorption spectrometry study with statistical approach	2025	Scientific Reports	10.1038/s41598-025-93484-6	Scopus


SDG15

VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY)

SDG 15 – LIFE ON LAND

SDG 15 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	Feb 2025	Mangrove Ecosystem Learning Visit to Pichavaram	Vinayaka Mission's School of Economics and Public Policy
2	25 July 2025	Tree Plantation Drive by NSS Unit	NSS Unit, SRBS PDY
3	26 July 2025	NSS Unit Visit to Mangrove Forest at Murungapakkam	NSS Unit, Vinayaka Mission's College of Nursing,PDY.
4	28 July 2025	Nature-Themed Drawing Competition	Environmental Student Club,VMACON,SALEM.
5	29 August 2025	Ek Ped Maa Ke Naam – Tree Plantation Drive	NSS Unit, VMCON, PDY
6	24 September 2025	Beach Clean-Up and Plantation Drive at Palmyra Beach	NSS Unit, School of Allied Health Sciences,PDY
7	14 October 2025	World Wildlife Week Competitions	Environmental Students Club, SAHS, Chennai
8	6 November 2025	Cleanup Drive and Tree Plantation Activity	NSS Unit and Environmental Club, SAHS, Chennai
9	10 Dec 2025	World Wildlife Conservation Day, World Soil Day and National Pollution Control Day	Department of Forensic Science Technology, SAHS
10	10 Dec 2025	Wildlife Conservation Day 2025 Observance	EVS Club, SAHS, PDY

DETAILED EVENT REPORTS

1. Mangrove Ecosystem Learning Visit to Pichavaram

Date: 1 February 2025

Organising institution / department: VSEP

Event report: Economics students from Vinayaka Mission's School of Economics and Public Policy, Chennai visited Pichavaram to explore mangrove ecosystems and learn about their environmental significance.



2. Tree Plantation Drive by NSS Unit

Date: 25 July 2025

Organising institution / department: NSS Unit, SRBS, PDY

Place: SRBS Ground

Event report: The NSS Unit, under the guidance of Mr. Vinayagamurthi, NSS Programme Officer, organised a tree plantation programme on 25 July 2025 at the SRBS Ground. The initiative aimed to promote environmental awareness, sustainable practices and ecological responsibility.

3. NSS Unit Visit to Mangrove Forest at Murungapakkam

Date: 26 July 2025

Organising institution/department: NSS Unit, Vinayaka Mission's College of Nursing, PDY

Place: Murungapakkam village

Event report: The NSS Unit of Vinayaka Mission's College of Nursing and its Programme Officer participated in an International Conservation Day visit to the mangrove forest at Murungapakkam village on 26 July 2025.



2. Nature-Themed Drawing Competition

Date: 28 July 2025

Organising institution / department: Environmental Student Club, VMACON, SLM.

Event report: The Environmental Student Club organised a drawing competition on 28 July 2025 in observance of World Nature Conservation Day. The competition focused on environmental preservation and encouraged students to express environmental responsibility through art.



5. Ek Ped Maa Ke Naam – Tree Plantation Drive

Date: 29 August 2025

Organising institution / department: NSS and RRC Units, VMCON, Puducherry.

Event report: The NSS and RRC Units organised a tree plantation drive titled “Ek Ped Maa Ke Naam” on 29 August 2025 under the guidance of Dr. Edna Sweenie J., Principal-cum-Professor, VMCON, Puducherry. The initiative highlighted environmental protection and sustainability.



6. Beach Clean-Up and Plantation Drive at Palmyra Beach

Date: 24 September 2025

Organising institution/department: NSS Unit, School of Allied Health Sciences

Place: Palmyra Beach, Puducherry

Event report: The NSS Unit of SAHS conducted a beach clean-up and plantation drive at Palmyra Beach, Puducherry, on 24 September 2025 as part of NSS Day 2025. Students cleaned the beach and planted saplings, promoting environmental awareness and community service.



7. World Wildlife Week Competitions

Date: 14 October 2025

Organising institution/department: Tamil Nadu Forest Department and Environmental Students Club, SAHS, Chennai

Event report: The Tamil Nadu Forest Department and Environmental Students Club jointly organised painting, drawing and quiz competitions on 14 October 2025 as part of World Wildlife Week. The activities promoted awareness of forest and wildlife conservation.



8. Cleanup Drive and Tree Plantation Activity

Date: 6 November 2025

Organising institution / department: NSS Unit and Environmental Club

Event report: The NSS Unit and Environmental Club organised a cleanup drive and tree plantation activity on 6 November 2025. The initiative aimed to instil environmental consciousness and social responsibility among students.



9. World Wildlife Conservation Day, World Soil Day and National Pollution Control Day

Organising institution/department: Student EVS Club, NSS and Department of Forensic Science Technology, SAHS

Date: 10 December 2025

Event report: The Student EVS Club, Young Indians (Yi) Club, NSS and Department of Forensic Science Technology jointly observed World Wildlife Conservation Day, World Soil Day and National Pollution Control Day. The observances raised awareness of biodiversity conservation, soil health, environmental protection and pollution control.



10. Wildlife Conservation Day 2025 Observance

Organising institution / department: EVS Faculty and Club SAHS, PDY

Date: 10 December 2025

Event report: The EVS Faculty and Club organised activities for Wildlife Conservation Day 2025, including energy audit and idea presentation activities, model competitions and an energy conservation pledge.



***

List of VMRF (DU) Publications Made on SDG-15 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Arulnangai R.; Thirugnanasambandham K.; Ganesamoorthy R.; Gomathi R.; Parameswari R.	Role of TiO2 nanomaterial in the treatment of polluted Cauvery River water in Tiruchirappalli district, Tamil Nadu, India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101216	Scopus
2	Mane M.; Patil D.V.; Mohur J.; Krishnamoorthy P.; Ahmad N.; Bhatnagar T.; Tripathy A.	Metapopulation Dynamics of Endangered Amphibians in Fragmented Wetland Networks	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.2.45	Scopus
3	Monisha S.; Charu; Kaur S.; Sar K.; Malathi H.; Nanaware J.P.; Bhati S.S.	Pollinator Network Resilience to Species Loss in Agricultural Landscape Mosaics	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.4.69	Scopus
4	Monisha S.; Sangeetha S.P.	Helianthus annuus (Sunflower) and Gossypium herbaceum (Cotton) as a Phytoremediator of Chromium (Cr) in Tannery Wastewater	2025	Indian Journal of Environmental Protection		Scopus
5	Singh S.K.; Manjunath H.R.; Santhosh M.B.; Rangegowda R.; Taneja M.; Kumar R.R.; Singh P.	Genetic Variation Analysis in Drought-Resistant Crop Species Using Molecular Markers	2025	Genetics and Molecular Research	10.4238/2q6tzv26	Scopus
6	Govindharaj I.; Deva Priya W.; Soujanya K.L.S.; Senthilkumar K.P.; Shantha Shalini K.; Ravichandran S.	Advanced glaucoma disease segmentation and classification with grey wolf optimized U –Net++ and capsule networks	2025	International Ophthalmology	10.1007/s10792-025-03602-6	Scopus
7	Mohammad R.E.A.; Veerasingam S.; Suresh G.; Rajendran S.; Sadasivuni K.K.; Ghani S.; Al-Khayat F.	Tackling environmental radionuclides contamination: A systematic review of chemical, biological, and physical remediation strategies	2025	Chemical Engineering Journal Advances	10.1016/j.ceja.2025.100802	Scopus
8	Soman K.; Kanagaraj K.; Senthilkumar N.; Rajendran S.; Faraj T.K.; Alrefaei A.F.; Thirumalaivasan N.; Sundaram T.; Roy A.; Verma R.; Thomas S.; Gopi S.; Lackner M.	Nitrogen-doped carbon dots from Brahmi (Bacopa monnieri): Metal-free probe for efficient detection of metal pollutants and methylene blue dye degradation	2025	Green Processing and Synthesis	10.1515/gps-2024-0182	Scopus
9	Nagarajan P.; Datta D.; Begum A.; Naik Y.; Ramakrishnan M.; Kataria A.; Solanki S.	Assessing the Impact of Microplastic Pollution on Aquatic Ecosystems and Food Chains	2025	Genetics and Molecular Research	10.4238/zkf18q44	Scopus
10	Bagwan W.A.; Pandey N.; Gnanadass D.; Singh A.; Kapoor P.; Dash D.; Ganesh D.	Apex Predator Recolonization Effects on Mesopredator Release and Prey Community Structure in Temperate Forests	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.2.44	Scopus

List of VMRF (DU) Publications Made on SDG-15 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
11	Suhail M.; Suri S.; Khandual A.; Jayakumar S.S.; Ruikar S.S.; Singh T.; Krishnamoorthy S.	Genetic Diversity Assessment of Island Endemic Species Using Environmental DNA Metabarcoding	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.4.68	Scopus
12	Shareef M.M.; Prasath S.; Dhall H.; Al-Fatlawy R.R.; Singh K.R.; Dwibedi R.K.	Soil Moisture Prediction with Temporal Convolutional Networks (TCN) for Precision Irrigation	2025	2025 International Conference on Automation and Computation, AUTOCOM 2025	10.1109/AUTOCOM64127.2025.10957252	Scopus
13	Thummala H.; Priyanka K.; Sayana S.B.; Kandimalla R.	MICROBIAL PRODUCTION OF BIOSURFACTANTS AND THEIR BIOCHEMICAL CHARACTERIZATION	2025	Asian Journal of Pharmaceutical and Clinical Research	10.22159/ajpcr.2025v18i11.56591	Scopus
14	Monisha S.; Sangeetha S.P.	Analysis of Plants, Helianthus annuus (Sunflower) and Gossypium herbaceum (Cotton), for the Control of Heavy Metals Chromium and Arsenic Using Phytoremediation Techniques	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i02.B4237	Scopus
15	Monisha S.; Sangeetha S.P.	Brassica juncea and Medicago sativa as Phytoremediators for the Removal of Chromium and Arsenic	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2025.v24i03.B4275	Scopus
16	Mahajan S.; Mohapatra S.; Boregowda V.K.S.; Mohite A.; Singh J.; Sambasivam I.; Tomar G.	Carnivore Coexistence Mechanisms in Multi-Predator Systems Under Resource Competition	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.3.79	Scopus
17	Govindaraj V.; Lakshuman C.; Mythili M.	Geospatial Approach; Identification of Soil Erosional Hazards Zone and Prioritizations of Gomukhi Watershed at Tamil Nadu State, India; Through RUSLE Model	2025	Advances in Geographical and Environmental Sciences	10.1007/978-981-96-8452-6_1	Scopus
18	Chowdhury R.M.; Rengarajan A.; Ghatage A.A.; Bhardwaj A.; Balasundaram S.; Singhvi N.; Singh P.	Seed Dispersal Services by Frugivorous Birds in Tropical Forest Regeneration Following Selective Logging	2025	Journal of Animal Environment	10.70102/AEJ.2025.17.3.78	Scopus
19	Sangeetha S.P.; Sona S.; Tapung N.; Kumar A.; Kumar S.	Assessing Phytoremediation Potential of Aloe barbadensis, Chrysopogon zizanioides and Ocimum tenuiflorum for Sustainable Removal of Heavy Metals from Contaminated Soil	2025	Nature Environment and Pollution Technology	10.46488/NEPT.2024.v24iS1.019	Scopus
20	Mohan G.D.; Venkatesan H.; Babu K.L.; Tullanithi K.M.; Sridevi M.	Modelling Structured Outcomes in Lycopodium Clavatum Formulations using Temporal Probabilistic Deep Fusion Network	2025	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025	10.1109/ICEAMST67459.2025.11335672	Scopus

List of VMRF (DU) Publications Made on SDG-15 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
21	Ignasimuthu A.; Hait A.; Wathore N.; Santhi P.; Periasamy P.; Choudhary A.K.	PRECISION FRONTIERS IN FAMILIAL HYPERCHOLESTEROLEMIA: INTEGRATING PHARMACOGENOMICS AND AI FOR NEXT-GEN CARE – A SYSTEMATIC REVIEW	2025	Opera Medica et Physiologica	10.24412/2500-2295-2025-3-28-48	Scopus
22	Ganesh Babu L.; Raja M.S.; K. S.K.; Samarasam B.; R. G.; Ramachandran G.	Ethical considerations of biomedical robots and wearable devices	2025	Applied Mathematical Modeling for Biomedical Robotics and Wearable Devices	10.1016/B978-0-443-33514-3.00013-7	Scopus
23	Saravanan T.R.; Poornachandar T.; Anitha C.; Kavitha U.; Rajasekar G.; Sathishkumar V.E.	IoT-based Gradient Boosting Model for Efficient Agricultural Logistics and Transport Management	2025	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025	10.1109/ICIMIA67127.2025.11200831	Scopus


SDG16

SDG 16 Event List

S. No.	Date	Event / Activity	Organising Institution / Department
1	28 June 2025	Towards Fair Representation: Experts Discuss Delimitation and Federal Justice	Vinayaka School of Economics and Public Policy, Chennai
2	17 July 2025	World Day for International Justice 2025	Department of Forensic Science, SAHS, Chennai
3	12 August 2025	Pledge Against Ragging	Vinayaka Mission's Law School, Chennai
4	18 August 2025	Anti-Ragging Awareness Programme and Week Celebration	Vinayaka mission's College of Pharmacy, Salem
5	26 August 2025	Women's Equality Day Event	Gender Sensitization Cell, SAHS, Salem.
6	14 September 2025	VMLS Students Engage with Eminent Jurists on Supreme Court at 75	Vinayaka Mission's Law School, Chennai
7	20 September 2025	Lecture on Library Exceptions under the Indian Copyright Act	Vinayaka Mission's Law School, Chennai
8	27 September 2025	State-Level Tamil Moot Court Competition	Vinayaka Mission's Law School, Chennai
9	8 October 2025	Lecture on Copyright Law in the Age of AI and Machine Learning	Vinayaka Mission's Law School, Chennai
10	11 October 2025	International Day of Democracy and Peace Observance	School of Allied Health Sciences, Salem.
11	25 October 2025	Legal Camp for Transgender Empowerment	Vinayaka Mission's Law School, Chennai
12	29 October 2025	Guest Lecture on Offences Against Women and Children	Vinayaka Mission's Law School, Chennai

		under the Bharatiya Nyaya Sanhita	
13	1 November 2025	Educational Visit to the Central Prison, Kalapet	Vinayaka Mission's Law School, Chennai
14	13 November 2025	Legal Awareness Drive at Mariamma's Children Home	Vinayaka Mission's Law School, Chennai
15	26 November 2025	Constitution Day Pledge Ceremony	NSS Unit, School of Physiotherapy, PDY
16	25 November 2025	District-Level Padyatra	Vinayaka Mission's College of Nursing, Karaikal
17	26 November 2025	Constitution Day Pledge Programme	NSS Unit, SAHS, PDY.
18	26 November 2025	NSS Unit Marks Constitution Day with Student Pledge	NSS Unit, SAHS, Salem.
19	26 November 2025	Constitution Day Pledge	Vinayaka Mission's Medical College and Hospital, Karaikal
20	26 November 2025	Constitutional Day 2025	Aarupadai Veedu Medical College and Hospital, Puducherry
21	27 November 2025	Constitution Day Commemoration with Preamble Reading	NSS Unit, School of Arts and Science, Chennai
22	1 December 2025	National Constitution Day Celebrations	NSS Unit, School of Allied Health Sciences, Karaikal
23	9 December 2025	Awareness Programme for Ending Gender-Based Violence	NSS Unit and Women Empowerment Cell, School of Arts and Science
24	10 December 2025	Human Rights Day Human Chain Rally and Poetry Reading	NSS Unit, SAHS,PDY
25	20 December 2025	Webinar on Human Rights and Modern Slavery in Contemporary India	Vinayaka Missions School of Health Systems, Chennai

DETAILED EVENT REPORTS

1. Towards Fair Representation: Experts Discuss Delimitation and Federal Justice

Date: 28 June 2025

Organising institution/department: Vinayaka School of Economics and Public Policy (VSEP) Chennai.

Event report: A discussion on delimitation and federal justice was held on 28 June 2025. The programme addressed fair representation and federal justice.



2. World Day for International Justice 2025

Date: 17 July 2025

Organising institution/department: Department of Forensic Science, SAHS, Chennai

Event report: The Department of Forensic Science Technology observed World Day for International Justice 2025. The source report also mentions a mock interview activity by the Career Development Cell; that unrelated item is excluded from this event report.



3. Pledge Against Ragging

Date: 12 August 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai

Event report: Vinayaka Mission's Law School reaffirmed its zero-tolerance stance against ragging through a student pledge.



4. Anti-Ragging Awareness Programme and Week Celebration

Date: 18 August 2025

Organising institution / department: Vinayaka Mission's College of Pharmacy, Salem

Event report: An anti-ragging awareness programme was conducted as part of Anti-Ragging Week. The event promoted awareness of prevention and the institution's anti-ragging expectations.



5. Women's Equality Day Event

Date: 26 August 2025

Organising institution / department: Gender Sensitization Cell, SAHS, Salem.

Event report: The Gender Sensitization Cell organised a Women's Equality Day event on 26 August 2025, promoting gender equality and awareness.



6. VMLS Students Engage with Eminent Jurists on Supreme Court at 75

Date: 14 September 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai.

Event report: Students of Vinayaka Mission's Law School engaged with eminent jurists in a programme marking 75 years of the Supreme Court. The event provided exposure to judicial perspectives and the role of the Supreme Court.



7. Lecture on Library Exceptions under the Indian Copyright Act

Date: 20 September 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai

Event report: Vinayaka Mission's Law School organised a lecture on "Library Exceptions under the Indian Copyright Act: An Analysis of the Sci-Hub Case", addressing copyright law and legal exceptions.



8. State-Level Tamil Moot Court Competition

Date: 27 September 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai

Event report: Vinayaka Mission's Law School conducted a state-level Tamil Moot Court Competition, providing students with an opportunity to develop legal reasoning, advocacy and courtroom presentation skills.



9. Lecture on Copyright Law in the Age of AI and Machine Learning

Date: 8 October 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai

Event report: Vinayaka Mission's Law School organised a lecture on copyright law in the age of artificial intelligence and machine learning, examining legal questions relating to authorship and copyright.



10. International Day of Democracy and Peace Observance

Date: 11 October 2025

Organising institution / department: School of Allied Health Sciences, Salem.

Place: Dr. A. S. Ganesan Auditorium

Event report: The School of Allied Health Sciences observed the International Day of Democracy and Peace on 11 October 2025, highlighting democratic values and peaceful coexistence.



11. Legal Camp for Transgender Empowerment

Date: 25 October 2025

Organising institution / department: Vinayaka Mission's Law School,Chennai

Event report: Vinayaka Mission's Law School hosted a legal camp for transgender empowerment, supporting awareness of legal rights and access to justice.



12. Guest Lecture on Offences Against Women and Children under the Bharatiya Nyaya Sanhita

Date: 29 October 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai

Event report: Vinayaka Mission's Law School hosted an expert lecture on "General Exceptions and Offences Against Women and Children under the Bharatiya Nyaya Sanhita (BNS)". Dr. A. Sivanandam, Assistant Professor of Law, Saveetha School of Law, Chennai, discussed relevant provisions and their implications for justice delivery.



13. Educational Visit to the Central Prison, Kalapet

Date: 1 November 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai

Event report: Second-year LL.B. students visited the Central Prison, Kalapet, on 1 November 2025. The visit provided first-hand exposure to correctional administration, reformative justice, human rights, rehabilitation and reintegration.



14. Legal Awareness Drive at Mariamma's Children Home

Date: 13 November 2025

Organising institution / department: Vinayaka Mission's Law School, Chennai

Place: Mariamma's Children Home, OMR

Event report: Vinayaka Mission's Law School organised a legal awareness drive on 13 November 2025 for 35 children at Mariamma's Children Home, OMR. Topics included children's rights, responsible mobile usage, cyber safety and practical steps for seeking help.



15. Constitution Day Pledge Ceremony

Date: 26 November 2025

Organising institution / department: NSS Unit, School of Physiotherapy, PDY

Event report: The NSS Unit of the School of Physiotherapy organised a Constitution Day pledge ceremony on 26 November 2025, promoting awareness of constitutional values and civic responsibilities.

16. District-Level Padyatra

Date: 25 November 2025

Organising institution / department: NSS Unit, Vinayaka Mission's College of Nursing, Karaikal

Event report: Fifty final-year B.Sc. Nursing NSS volunteers participated in a district-level padyatra on 25 November 2025 from V.O.C. Higher Secondary School to Pondicherry University.



17. Constitution Day Pledge Programme

Date: 26 November 2025

Organising institution / department: National Service Scheme, SAHS, PDY.

Place: Lecture Hall IV

Event report: The NSS Unit organised a Constitution Day Pledge Programme on 26 November 2025. Volunteers read the Preamble to the Constitution of India, reaffirming their commitment to justice, liberty, equality and fraternity. Sixty NSS volunteers participated.



18. NSS Unit Marks Constitution Day with Student Pledge

Date: 26 November 2025

Organising institution / department: NSS Unit, SAHS, Salem.

Place: Dr. A. S. Ganesan Auditorium

Event report: The NSS Unit observed National Constitution Day on 26 November 2025 by administering the Constitution Day Pledge. Around 50 volunteers participated and reaffirmed their commitment to the values enshrined in the Indian Constitution.



19. Constitution Day Pledge

Date: 26 November 2025

Organising institution / department: Vinayaka Mission's Medical College and Hospital, Karaikal

Event report: Vinayaka Mission's Medical College and Hospital, Karaikal, observed Constitution Day on 26 November 2025. Participants collectively read the Preamble to the Constitution.



20. Constitutional Day 2025

Date: 26 November 2025

Organising institution / department: Aarupadai Veedu Medical College and Hospital, Puducherry

Event report: Aarupadai Veedu Medical College and Hospital observed Constitutional Day on 26 November 2025. The programme included an address on the significance of Constitution Day and a collective constitutional pledge.



21. Constitution Day Commemoration with Preamble Reading

Date: 27 November 2025

Organising institution / department: NSS Unit, School of Arts and Science, Chennai

Event report: The NSS Unit of the School of Arts and Science commemorated the national song's 150th anniversary on 27 November 2025. The programme included a collective reading of the Constitution's Preamble, emphasising justice, liberty, equality and fraternity.



22. National Constitution Day Celebrations

Date: 1 December 2025

Organising institution / department: NSS Unit, School of Allied Health Sciences, Karaikal

Event report: The NSS Unit observed National Constitution Day 2025 under the theme "The Indian Constitution and Its Legacy". Activities included an oratorical competition and Preamble reading. A total of 140 students and faculty members participated.



23. Awareness Programme for Ending Gender-Based Violence

Date: 9 December 2025

Organising institution / department: NSS Unit and Women Empowerment Cell, School of Arts and Science

Event report: The NSS Unit and Women Empowerment Cell jointly organised an awareness programme on 9 December 2025 as part of the 16 Days of Activism for Ending Gender-Based Violence. An awareness short film was screened to promote equality, safety and respect.



24. Human Rights Day Human Chain Rally and Poetry Reading

Date: 10 December 2025

Organising institution / department: NSS Unit, VMCN, Puducherry

Event report: The NSS Unit organised a Human Chain Rally and Poetry Reading on 10 December 2025 to mark World Human Rights Day. The programme was themed "Human Rights: Our Everyday Essentials" and aimed to raise awareness of human rights.



25. Webinar on Human Rights and Modern Slavery in Contemporary India

Date: 20 December 2025

Organising institution / department: Vinayaka Missions School of Health Systems, Chennai

Event report: Vinayaka Missions School of Health Systems organised a webinar on "Human Rights & Modern Slavery in Contemporary India" on 20 December 2025. Ms. Avanika Singh, Human Rights Activist and Advocacy Specialist, discussed structural violence, exploitation and contemporary human rights challenges.



***

List of VMRF (DU) Publications Made on SDG-16 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Malarvel M.; Goyal W.; Sargam S.; Mundada K.; Viji Amutha Mary A.; Rathore A.	AI FOR PRESERVING INDIGENOUS FOLK ART PATTERNS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6900	Scopus
2	Chandrabose G.S.; Sahu R.S.; Sundar M.A.; Homavazir Z.; Kalidhas A.M.; Solanki S.; Mahajan S.	A PUBLIC HEALTH EVALUATION OF EFFECTIVENESS OF VACCINATION PROGRAMS IN LOW – INCOME COUNTRIES	2025	Genetics and Molecular Research	10.4238/h5vt2n11	Scopus
3	Shams A.; Kunnathully K.; Satyanarayana P.; Sangeetha B.; Jayamala C.; Selvakumar P.; Manjunath T.C.	E-Government and Digital Public Services	2025	Intersecting Public Administration and Technology for Public Trust and Citizen Engagement	10.4018/979-8-3693-9709-1.ch004	Scopus
4	Subaveerapandiyan A.; Sinha P.; Kalbande D.; Shimray S.R.	Diversity, equity, inclusivity, and accessibility in Indian academic libraries	2025	IFLA Journal	10.1177/03400352251392266	Scopus
5	Putra R.S.; Juneja B.; Kumari H.; Kaushik N.; Dwibedi R.K.; Rawat K.; Barkade S.S.	AUGMENTED REALITY AND AI IN PUBLIC ART MANAGEMENT	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6924	Scopus
6	Kunnathully K.; Jinesh M.; Satyanarayana P.; Esther V.; Pathak G.; Selvakumar P.; Manjunath T.C.	Building Human Rights by Design: Ethical AI Development for Religious Freedom	2025	Intersections of AI and the Freedom of Religion or Belief	10.4018/979-8-3373-3830-9.ch004	Scopus
7	Kunnathully K.; Satyanarayana P.; Anute N.; Sharma M.; Sureshkrishna G.; Manjunath T.C.; Selvakumar P.	Propaganda, social media and AI	2025	Digital Populism and the Use of Neo-Propaganda and Fake News	10.4018/979-8-3693-9999-6.ch002	Scopus
8	Ganesh Babu L.; Raja M.S.; K. S.K.; Samarasam B.; R. G.; Ramachandran G.	Ethical considerations of biomedical robots and wearable devices	2025	Applied Mathematical Modeling for Biomedical Robotics and Wearable Devices	10.1016/B978-0-443-33514-3.00013-7	Scopus
9	Mishra P.; Mitra A.; Nande S.; Sharma P.	Navigating the nexus of universal and private human rights: A case chapter of roma rights and strategic litigation in Europe	2025	International Relations Theory and Philosophical Political Insights Into Conflict Management	10.4018/979-8-3693-9626-1.ch014	Scopus
10	Bag S.B.; Mitra A.; Chatterjee S.; Bharadwaj A.	Assessing the efficacy of UNSCR 1325: A comparative analysis of un peacekeeping actions on women's rights and female security in conflict	2025	International Relations Theory and Philosophical Political Insights Into Conflict Management	10.4018/979-8-3693-9626-1.ch016	Scopus


SDG17

SDG 17 Event List

No.	Partnership organisation(s)	Partnership activity	Activity date	Host institution / venue	Relevant SDG goal(s)
1	The RISE Global / organisers of the 14th RISE Global Summit	VMRF served as the Higher Education Partner for the 14th RISE Global Summit of Tamil Entrepreneurs & Professionals.	9–11 January 2025	14th RISE Global Summit;	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
2	Innovation Tamil Nadu Technology Hub (iTNT), Government of Tamil Nadu	MoU to strengthen IT industry–academia collaboration, research, innovation and entrepreneurship.	10 January 2025	Chennai Trade Centre, Chennai (MoU signing venue)	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
3	UGP Engineering Pvt. Ltd., Chennai	Strategic MoU for research initiatives, student internships and staff immersion	9 January 2025	AVIT, Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 –

		programmes.			Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
4	Center for Research and Innovation (CRI), San Diego, USA	MoU to promote global research partnerships, academic exchanges and innovation.	25 January 2025	Aarupadai Veedu Institute of Technology (AVIT), Chennai;	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
5	Kirumampakkam Traffic Police Station	Road safety awareness programme on traffic regulations and safe driving practices.	20 January 2025	School of Allied Health Sciences (SAHS), Puducherry; programme held in association with Kirumampakkam Traffic Police Station	SDG 3 – Good Health and Well-being; SDG 11 – Sustainable Cities and Communities; SDG 17 – Partnerships for the Goals
6	AICTE – Training and Learning Bureau; Edunet Foundation	Six-day Student Development Programme on Green AI.	20–25 January 2025	Department of Computer Science and Engineering, Vinayaka Mission's Kirupananda Variyar Engineering	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 13 – Climate Action; SDG 17 – Partnerships for

				College, Salem	the Goals
7	Face Prep Campus of Focus 4D Pvt. Education	MoU for integrated employability training in AI and Machine Learning and related courses.	Jan 2025	School of Arts and Science, Chennai (institution named alongside the MoU item)	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
8	District Nehru Yuva Kendra Sangathan (NYKS), Salem	Block-level sports competition for Veerapandi Block.	7 January 2025	School of Allied Health Sciences (SAHS), Salem	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
9	Karaikal District Administration; Department of Tourism	Karaikal Carnival 2025 roadshow; VMRF nursing students participated in the roadshow.	16 January 2025	Karaikal District Administration and Department of Tourism; roadshow location not fully specified	SDG 4 – Quality Education; SDG 11 – Sustainable Cities and Communities; SDG 17 – Partnerships for the Goals
10	Anusandhan National Research Foundation (ANRF), New Delhi	Two-day seminar on "Data Analytics – Next Dimension in Drug Discovery", sponsored by ANRF.	28–29 January 2025	Vinayaka Mission's College of Pharmacy (VMCP), Salem	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 9 – Industry, Innovation and

					Infrastructure; SDG 17 – Partnerships for the Goals
11	Easylink Academy	Career guidance programme on career opportunities, skills and industry expectations.	4 February 2025	Vinayaka Mission's College of Pharmacy, Salem (institution named alongside programme)	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
12	Rotaract Clubs of New College, Madras, and Loyola College; Bogan Mediasoft, Coimbatore (resource partner)	IGNITION – Basic Design Workshop.	9 February 2025	Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
13	Eco-Freak Organization	"Mission Clean & Green – Unlock the Beauty of Yercaud" awareness programme.	10 February 2025	Vinayaka Mission's College of Pharmacy (VMCP), Salem	SDG 11 – Sustainable Cities and Communities; SDG 12 – Responsible Consumption and Production; SDG 13 – Climate Action; SDG 15 – Life on Land;

					SDG 17 – Partnerships for the Goals
14	Divine Myndz Vision Care & Therapy, Chennai	MoU for clinical training, internships, research opportunities and placement support for optometry students.	19 February 2025	School of Allied Health Sciences, VMRF-DU; signing venue not explicitly stated	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
15	Paints and Coatings Skill Council (PCSC)	MoU for specialised courses, vocational training and industry-ready programmes.	21 February 2025	Vinayaka Missions Chennai Campus (VMCC), Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
16	Tamil Nadu Alliance for Development of Community Medicine (TADCOM); Sri Lakshmi Narayana Institute of Medical Sciences (SLIMS), Puducherry	PREVENCON 2025 – conference on Lifestyle Medicine Revolution: Prevention to Promotion.	21–22 February 2025	TADCOM in collaboration with SLIMS; Hotel Atithi, Puducherry	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

17	Indian Institute of Technology Madras (IIT Madras); Ministry of Education (SWAYAM Plus initiative)	MoU to offer skill-based online courses through SWAYAM Plus.	Date not specified in newsletter	Vinayaka Mission's Law School (VMLS), Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
18	Vishwa Yuvak Kendra (VYK), New Delhi; GRAMIUM Trust	Seminar on "Role of Youth in Environmental Protection and Biodiversity Conservation".	1 March 2025	Aarupadai Veedu Medical College (AVMC), Puducherry	SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 15 – Life on Land; SDG 17 – Partnerships for the Goals
19	The Rise Global	The Rise HR Leadership 'Catalysts' – HR Conclave.	7 March 2025	Vinayaka Mission's Chennai Campus, Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
20	Society of Emergency Medicine in India (SEMI); American Heart Foundation (as named in newsletter)	AHS-licensed Basic Life Support (BLS) and Advanced Cardiovascular Life Support (ACLS) provider certification programme.	2 March 2025	Dr. AGS Auditorium, School of Allied Health Sciences, Salem	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
21	Department of Environment and Climate Change (DOE&CC),	Workshop on Sustainable Development Practices in	Date not specified in newsletter	Periyar University, Salem	SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 17 –

	Government of Tamil Nadu; Periyar University, Salem (joint organising institution)	Higher Education.			Partnerships for the Goals
22	Wipro Life Sciences, Bengaluru	MoU to foster collaborative research; faculty visit to Wipro Life Sciences laboratories.	Faculty visit: 12 March 2025; MoU signing date not specified	Wipro Life Sciences Lab, I&ES and Tarang Lab, Doddakannelli, Bengaluru (visit host)	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
23	Rotary Club of Kumbakonam Tradition Land	Mega free multi-specialty medical camp at Swamimalai.	23 March 2025	Vinayaka Mission's Medical College and Hospital (VMMC&H), Karaikal; camp held at Swamimalai	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
24	GEM Hospital, Chennai	Liver Clinic Camp launched at VMMC OPD Block.	Date not specified in newsletter	VMMC&H OPD Block, Karaikal	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
25	Union Territory of Puducherry HUB for Empowerment of Women, Department of	International Women's Day 2025 celebration and gender-equality	15 March 2025	School of Allied Health Sciences, Puducherry	SDG 5 – Gender Equality; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships

	Women and Child Development	awareness programme.			for the Goals
26	APAIE 2025 Conference and Exhibition	VMRF participated in the international higher-education conference and exhibition, presenting its academic profile and engaging with international education leaders and institutions.	24–28 March 2025	VMRF (DU) – University-level participation	SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
27	District TB Cell, Salem; Department of Microbiology, VMRF	Continuing Medical Education programme, "Exploring New Frontiers Towards TB Elimination," on tuberculosis prevention and control.	26 March 2025	Department of Community Medicine, VMKVMCH, Salem	SDG 3 – Good Health and Well-being; SDG 17
28	Pierre Fauchard Academy, India Section	Online Continuing Dental Education programme on Oral Pathology and Microbiology.	24 March 2025	Department of Oral and Maxillofacial Pathology and Oral Microbiology, Vinayaka Mission's Sankarachariyar Dental College	SDG 3 – Good Health and Well-being; SDG 4; SDG 17
29	Dhaan Foundation	World Tuberculosis Day awareness programme with lecture, student speeches, role-play and pamphlet distribution.	24 March 2025	Department of Public Health / SAHS Youth Club, VMRF (DU), Salem	SDG 3 – Good Health and Well-being; SDG 17
30	Mind Care Clinic, Sri Sai Karthik	Free Yoga Therapy	30 March 2025	School of Rehabilitation	SDG 3 – Good Health and Well-

	Hospital, Neyveli	Consultation Camp conducted as part of VMRF's Silver Jubilee celebrations.		and Behavioral Sciences, VMRF (DU), Puducherry	being; SDG 17
31	National Service Scheme (NSS) Cell, Tamil Nadu	Jai Bhim Padyathra awareness rally commemorating the 134th birth anniversary of Dr. B.R. Ambedkar.	15 April 2025	Vinayaka Mission's College of Pharmacy, Salem	SDG 10 – Reduced Inequalities; SDG 16 – Peace, Justice and Strong Institutions; SDG 17
32	Dio Navi Implants	Two-day corporate training and clinical programme on full-mouth rehabilitation and navigation-guided implant surgery, including lectures, hands-on workshops and live surgical demonstrations.	16–17 April 2025	Department of Implantology, Vinayaka Mission's Sankarachariyar Dental College	SDG 3 – Good Health and Well-being; SDG 4; SDG 9 – Industry, Innovation and Infrastructure; SDG 17
33	Salem Ornithological Foundation; Salem and Attur Forest Divisions	"Bird of Salem" ballot-based voting and awareness initiative to engage students and faculty in local bird conservation.	24 April 2025	School of Allied Health Sciences, VMRF (DU), Salem	SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 15 – Life on Land; SDG 17
34	Wadhwani Foundation	Launch of the IGNITE Entrepreneurship Course to develop entrepreneurial mindsets, career readiness and venture-creation capabilities.	24 April 2025	VMRF (DU) – University-level initiative	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9; SDG 17
35	Thought Flows Medical Coding	MoU-based medical-coding	22 April 2025 (career	Vinayaka Mission's	SDG 4 – Quality Education; SDG 8

	Academy, Salem	training and career guidance programme for students, with job-placement support.	guidance programme; MoU signing date not specified)	College of Pharmacy, Salem	– Decent Work and Economic Growth; SDG 17
36	Phoenix Screening Services, Bengaluru	Career Guidance Programme on Forensic Science Technology, including an internship eligibility test and sponsored internship opportunities.	19 April 2025	School of Allied Health Sciences, VMRF (DU), Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17
37	Kauvery Hospital, Vadapalani, Chennai	Expert participation in the Seminar on Liver Health (SLH 25), covering gastroenterology, hepatology, liver transplantation and family medicine.	23 April 2025	Department of Physician Assistant / SAHS Youth Club, VMRF (DU), Chennai Campus	SDG 3 – Good Health and Well-being; SDG 17
38	Indian Biomedical Skill Consortium (IBSC), under Andhra Pradesh MedTech Zone (AMTZ)	MoU signed by AVIT to establish an industry-integrated Biomedical Engineering programme and promote interdisciplinary academic and research initiatives.	21 April 2025	Aarupadai Veedu Institute of Technology (AVIT), VMRF (DU)	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17
39	Medini Technologies	MoU to introduce industry-integrated training in Building Information Modelling (BIM) for Civil	30 April 2025	VMRF (DU) – International Relations / University administration	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17

		Engineering and Product Design and Manufacturing for Mechanical Engineering.			
40	Woldia University, Ethiopia	MoU to advance academic and research collaboration, including research initiatives and faculty training.	11 April 2025	VMRF (DU) – International Relations / University administration	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17
41	Jimma University and Jimma Institute of Technology, Ethiopia	MoU and institutional visit to develop research cooperation, faculty development and academic exchange.	9 April 2025	Vinayaka Mission's College of Pharmacy, Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17
42	Nobel Biocare Implants	First module of the University Implant Certification Programme 2025, providing advanced education and hands-on training in implant dentistry.	5–7 May 2025	School of Allied Health Sciences, VMRF (DU), Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17
43	Confido Training & Events Pvt. Ltd., Salem	Two-day "Synergy – Unlock Your Potential: Fresher's Skill Fest" to develop student talents and employability skills.	5–6 May 2025	VMRF (DU) – Faculty Development / Entrepreneurship initiative across Chennai, Karaikal and Puducherry campuses	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17
44	Wadhwani Foundation	Faculty Development Programmes on	21–23 May 2025 (Chennai and	Vinayaka Mission's Sankarachariya	SDG 3 – Good Health and Well-being; SDG 4;

		Entrepreneurship Development across VMRF campuses to strengthen faculty capacity to mentor student entrepreneurship.	Karaikal); 26–28 May 2025 (Puducherry)	r Dental College	SDG 17
45	DIO Implants	Two-day hands-on Basic Implantology workshop for interns under the Add-On Skill Enhancement Course for Undergraduates 2025.	19–20 May 2025	School of Allied Health Sciences, VMRF (DU), Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17
46	Opto Research Consultancy Services & Opto Research Academy	MoU with the School of Allied Health Sciences to promote educational excellence, innovation and research capacity.	May 2025	NSS Unit, VMRF (DU) – Salem campus	SDG 3 – Good Health and Well-being; SDG 17
47	District Health Office, Salem	World No Tobacco Day awareness rally and puppet show organised by the NSS Unit.	30 May 2025	Tobacco Control Cell, Department of Psychiatry, Vinayaka Mission's Medical College and Hospital, Karaikal	SDG 3 – Good Health and Well-being; SDG 17
48	State Tobacco Control Programme (NTCP), Puducherry	World No Tobacco Day tobacco-awareness talk by the Tobacco Control Cell, Department of Psychiatry.	31 May 2025	Vinayaka Mission's Medical College and Hospital, Karaikal	SDG 3 – Good Health and Well-being; SDG 17
49	Forest Department, Siddhar Kovil	World Environment Day	5 June 2025	Forest Extension	SDG 3 – Good Health and Well-

		environmental awareness programme, nature activities and tree plantation.		Center, Siddhar Kovil	being; SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 15 – Life on Land; SDG 17 – Partnerships for the Goals
50	Indian Coast Guard Station	Voluntary blood donation camp at VMMC&H, Karaikal, in observance of World Blood Donor Day.	13 June 2025	Placement Cell, School of Allied Health Sciences, VMRF (DU), VIMS Campus	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17
51	Confido Training & Events Pvt. Ltd., Salem	Finishing School Programme for career readiness, employability and soft-skill development among SAHS students.	11–14 June 2025	Vinayaka Mission's Law School (VMLS), Chennai	SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17
52	International Mediations Organisation (IMO)	MoU between VMLS and IMO to promote academic and professional collaboration in mediation and Alternative Dispute Resolution (ADR).	13 June 2025	Vinayaka Mission's Law School (VMLS), Chennai	SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17
53	Kovise Foundation Conflict Resolution International (KFCRI)	MoU with VMLS to promote academic and professional collaboration in ADR, including certified student training and practical engagement in arbitration,	12 June 2025	Shanmuga College of Physiotherapy, Karaikal, with SAHS Karaikal Campus	SDG 3 – Good Health and Well-being; SDG 4; SDG 17

		mediation and conciliation.			
54	Heartfulness Institute, Karaikal	International Yoga Day celebration with yoga asanas and guided meditation at Shanmuga College of Physiotherapy.	20 June 2025	Department of Accident and Emergency Care Technology, School of Allied Health Sciences, VMRF (DU)	SDG 3 – Good Health and Well-being; SDG 4; SDG 17
55	American Heart Foundation; Society of Emergency Medicine in India (SEMI)	Three-day Basic Life Support (BLS) and Advanced Cardiovascular Life Support (ACLS) provider course with hands-on training and certification.	18–20 June 2025	SAHS Youth Club and Environmental Science Club, VMRF (DU)	SDG 3 – Good Health and Well-being; SDG 12 – Responsible Consumption and Production; SDG 17
56	Tamil Nadu Food Safety and Drug Administration Department	World Food Safety Day awareness rally and cultural programme under the theme "Food Safety: Science in Action."	18 June 2025	SAHS Youth Club and Environmental Science Club, VMRF (DU)	SDG 3 – Good Health and Well-being; SDG 12 – Responsible Consumption and Production; SDG 17
57	Bentley	AVIT–Bentley partnership / MoU for engineering education	July 2025	Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
58	Sri Ramakrishna Math Vivekananda Centenary Girls Higher Secondary School	Career support and motivation programme for Class XI and XII girls	July 2025	Sri Ramakrishna Math Vivekananda Centenary Girls Higher Secondary School, Chennai	SDG 4 – Quality Education; SDG 5 – Gender Equality; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

59	Unitos Trading Pvt. Ltd., Salem (Unitos Aero Drone Solutions)	MoU for drone technology research, training and Remote Pilot Training Organisation	19 June 2025	VMRF (DU), Board Room, Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
60	Tamil Nadu Apex Skill Development Centre for Logistics (TNASDCL)	MoU for logistics-sector curriculum, training, internships and placements	4 July 2025	Department of Management, Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
61	Central Leprosy Teaching and Research Institute (CLTRI), Chengalpattu; Ministry of Health and Family Welfare, Government of India	Community-based learning visit on leprosy diagnosis and public health	8–9 July 2025	Central Leprosy Teaching and Research Institute (CLTRI), Chengalpattu	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
6	E11 Mamallapuram Traffic Police Station	Good Samaritan Scheme awareness programme	5 July 2025	School of Allied Health Sciences (SAHS), VMRF (DU), Chennai/Mamallapuram outreach	SDG 3 – Good Health and Well-being; SDG 11 – Sustainable Cities and Communities; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
63	Department of Women and Child Development, Government of Puducherry	Mission Shakti awareness rally for women empowerment and youth skills	15 July 2025	School of Allied Health Sciences (SAHS), VMRF (DU), Puducherry	SDG 4 – Quality Education; SDG 5 – Gender Equality; SDG 8 – Decent Work and Economic

					Growth; SDG 17 – Partnerships for the Goals
64	IMPaRT.ai	Strategic partnership in AI-powered digital pathology	July 2025	Vinayaka Mission's Research Foundation (VMRF), Salem	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
65	Children Charitable Trust	Free dental camp and oral-health awareness at Anganwadi School, Ammapet	23 July 2025	Anganwadi School, Ammapet, Salem	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
66	Government Primary School, Kottucherymedu	Free eye-screening camp and eye-health awareness	23 July 2025	Government Primary School, Kottucherymedu, Karaikal	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
67	People Business	Employer Value Proposition (EVP) workshop to strengthen VMRF's employer brand	7 August 2025	VMKV Dental College, Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
68	Kidney Health India; MGM Healthcare, Chennai; Government Medical College & Hospital,	National Organ Donation Day awareness programme	4 August 2025	School of Allied Health Sciences (SAHS), VMRF (DU), Chennai Campus	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

	Chengalpattu				
69	Ministry of Health & Family Welfare, Government of Puducherry	World Breastfeeding Awareness Week walkathon	4 August 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry	SDG 3 – Good Health and Well-being; SDG 5 – Gender Equality; SDG 17 – Partnerships for the Goals
70	District Blindness Control Society (DBCS)	Ophthalmology camp at Kullanchavadi Satellite Centre	3 August 2025	Kullanchavadi Satellite Centre, Cuddalore	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
71	MedPlus Pharmaceutical Industry	Placement drive for D.Pharmacy and B.Pharmacy students	1 August 2025	Vinayaka Mission's College of Pharmacy (VMCP), Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
72	Ministry of Education, Government of India	Nasha Mukt Bharat Abhiyaan e-pledge awareness programme	8–9 August 2025	Vinayaka Mission's Homoeopathic Medical College & Hospital (VMHMCH), Salem	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
73	Salem District Police; Excise Department; Anti-Drug Clubs; Government Boys' Higher Secondary School, Fort, Salem	Anti-drug awareness pledge and anti-tobacco exhibition	11 August 2025	Government Boys' Higher Secondary School, Fort, Salem	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
74	Salem South Police; District	Awareness programme on	12 August 2025	School of Allied Health	SDG 3 – Good Health and Well-

	Health Office, Salem; Social Welfare Department	anti-drug, anti-ragging and prevention of sexual harassment		Sciences (SAHS), VMRF (DU), Salem	being; SDG 4 – Quality Education; SDG 5 – Gender Equality; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
75	Salem Cyber Crime Police	Cybercrime and cybersecurity awareness programme	13 August 2025	School of Allied Health Sciences (SAHS), VMRF (DU), Salem	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
76	Sree Jayam Ortho & Multi-Speciality Hospital, Salem	Industry–people interaction programme for Allied Health Sciences students	Not stated in newsletter	School of Allied Health Sciences (SAHS), VMRF (DU), Salem	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
77	Skill Power	Sangam – life-skills and student induction programme	20–22 August 2025	Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
78	Grootan Technologies Pvt. Ltd.	Guest lecture on building a successful career	22 August 2025, 10:30 a.m.	Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

79	Children Charitable Trust	Free dental screening and oral-health awareness camps at Anganwadi Schools, Ponamapet and Ammapet, Salem	9 and 11 September 2025	Vinayaka Mission's Sankarachariyar Dental College (VMSDC), Salem	SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals
80	BJP OBC Morcha	Anbu Nagar medical outreach camp	6 September 2025	Vinayaka Mission's Medical College and Hospital (VMMC&H), Karaikal	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
81	Jothi Eye Care Centre, Puducherry	Eye Donation Awareness Rally	9 September 2025	School of Allied Health Sciences (SAHS), Puducherry Campus	SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals
82	Kasturba Women's College, Villiyanur	World Suicide Prevention Day awareness activities	11 September 2025	School of Rehabilitation and Behavioral Sciences (SRBS), Puducherry	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
83	Department of Blindness Control Society (DBCS)	Ophthalmology specialty camp at Panruti Satellite Centre, Cuddalore	10 September 2025	Aarupadai Veedu Medical College and Hospital (AVMC&H), Puducherry	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
84	Montfort Community School	School health camp benefiting 180 children	10 September 2025	Vinayaka Mission's Kirupananda Variyar Medical	SDG 3 – Good Health and Well-being; SDG 4

				College and Hospital (VMKVMC&H), Salem	– Quality Education; SDG 17 – Partnerships for the Goals
85	Erode Cancer Centre Pvt. Ltd.	MoU for advanced radiation therapy and comprehensive cancer care for referred oral-cancer patients	11 September 2025	Vinayaka Mission's Sankarachariyar Dental College (VMSDC), Salem	SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals
86	Simbioen Labs and Scientific Service Labs, Chennai	Two-day hands-on training on next-generation AI tools in Bioinformatics	15–16 September 2025	Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
87	Bahour Commune Panchayat	Swachhata Hi Seva cleanliness and hygiene initiative	17 September 2025	School of Allied Health Sciences (SAHS), Puducherry Campus	SDG 6 – Clean Water and Sanitation; SDG 11 – Sustainable Cities and Communities; SDG 17 – Partnerships for the Goals
88	Local Panchayat	Swachhata Pakhwada cleanliness drive at Chinnaseeragapadi	15 September 2025	School of Allied Health Sciences (SAHS), Salem	SDG 11 – Sustainable Cities and Communities; SDG 12 – Responsible Consumption and Production; SDG 17 – Partnerships for the Goals

89	Government of Puducherry – Primary Health Centre (PHC), Ariyankuppam	Mega health camp at Ariyankuppam	27 September 2025	Vinayaka Mission's College of Nursing (VMCON), Puducherry	SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals
90	Primary Health Centre (PHC), Bahour	Rabies awareness initiative – "Act Now: You, Me, Community"	29 September 2025	School of Allied Health Sciences (SAHS), Puducherry Campus	SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals
91	Surana & Surana International Attorneys	State-Level Tamil Moot Court Competition 2025	25–27 September 2025	Vinayaka Mission's Law School (VMLS), Paiyanoor	SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
92	Academy of Emergency Medicine Educators (AEME)	World Congress of Emergency Medicine Educators (WCEME) International Conference 2025	25–28 September 2025	Aarupadai Veedu Medical College and Hospital (AVMC&H), Puducherry	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
93	Meenakshi Hospital, Thanjavur	CME on cardiac emergencies and advances in cardiac anaesthesia	30 September 2025	Vinayaka Mission's Medical College and Hospital (VMMC&H), Karaikal	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
94	India Vision Institute	MoU for optometry clinical training, employment	30 September 2025	School of Allied Health Sciences (SAHS), Salem, Chennai and	SDG 3 – Good Health and Well-being; SDG 4

		exposure and community eye-care programmes		Puducherry campuses	– Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
95	Magic Bus	Career orientation programme for student employability	24 September 2025	School of Arts and Science (SAS), Chennai	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
96	Department of Blindness Control Society (DBCS)	Ophthalmology and general medical camps at Indira Nagar, Neyveli	5 October 2025	Aarupadai Veedu Medical College and Hospital (AVMC), Puducherry	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
97	Department of Blindness Control Society (DBCS)	Ophthalmology specialty camp at Singarathoppu, Cuddalore	8 October 2025	Aarupadai Veedu Medical College and Hospital (AVMC), Puducherry	SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
98	Rotary Club of Pondicherry Marina; Pondicherry University Community College, Lawspet	State-Level Intercollegiate Women's Throwball Tournament 2025	10 October 2025	Aarupadai Veedu Medical College and Hospital (AVMC), Puducherry	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 –

					Partnerships for the Goals
99	Kirumampakkam Police Station / Traffic Police personnel	Mental-health awareness programme for frontline traffic personnel	10 October 2025	School of Allied Health Sciences (SAHS), Puducherry Campus	SDG 3 – Good Health and Well-being; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
100	Rotary Club Salem South	4th Rotaract Installation Programme	10 October 2025	Vinayaka Mission's College of Pharmacy (VMCP), Salem	SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
101	Confederation of Indian Industry (CII)	VMRF participation as Associate Sponsor at the 5th edition of Medclave 2025	11 October 2025	Vinayaka Mission's Research Foundation (Deemed to be University) – university-level	SDG 3 – Good Health and Well-being; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
102	State Institute of Rural Development & Panchayat Raj; District Panchayat Office, Salem	Participation in Grama Sabha meetings under the Revamped Rashtriya Gram Swaraj Abhiyan	11 October 2025	School of Allied Health Sciences (SAHS), Salem – VIMS Hospital Campus	SDG 11 – Sustainable Cities and Communities; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
103	Tamil Nadu Forest Department	World Wildlife Week competitions on wildlife and forest conservation	14 October 2025	Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4 – Quality Education; SDG 15 – Life on Land;

					SDG 17 – Partnerships for the Goals
104	Aerospace Engineers Pvt. Ltd., Salem	MoU for joint R&D, internships, industrial training and industry-aligned curriculum	16 October 2025	Vinayaka Mission's Research Foundation (Deemed to be University) – Salem campus	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
105	Dotcom Infoway, Madurai	MoU for industry interaction, internships, placements and joint research in emerging technology areas	15 October 2025	Vinayaka Mission's Research Foundation (Deemed to be University) – Salem campus	SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
106	Salem Bar Association; Civil and Criminal Bar Association	MoU for legal education, advocacy training and professional development	17 October 2025	Vinayaka Mission's Law School (VMLS), Paiyanoor	SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
107	ISR–Unnat Bharat Abhiyan (ISR-UBA);	One-day skills programme on women's	16 October 2025	Aarupadai Veedu Institute of Technology	SDG 4 – Quality Education;

	Peace Trust Skill Development Centre, Chengalpattu	entrepreneurship at adopted village Arunkundram		(AVIT), Chennai	SDG 5 – Gender Equality; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
108	Karpaga Vinayaga Institute of Dental Sciences; Indian Association of Public Health Dentistry – Tamil Nadu Chapter	Participation in the 3rd State-Level Clinical Evaluation (Mock Examination) in Public Health Dentistry	16 October 2025	Vinayaka Mission's Sankarachariyar Dental College (VMSDC), Salem	SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
109	Indian Association of Pathologists and Microbiologists (IAPM), Tamil Nadu & Pondicherry Chapter	VINPATH CME 2025 on modern perspectives in hematology	24 October 2025	Vinayaka Mission's Kirupananda Variyar Medical College and Hospital (VMKVMC&H), Salem	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals
110	Government of Tamil Nadu – Nalam Kakkum Stalin medical camp (Veerapondy Block)	Nursing students rendered services at a government medical camp	11 October 2025	Vinayaka Mission's College of Nursing, Salem	SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals
111	Association of Indian Universities (AIU); Mallakhamb and Kabaddi associations; external university sports	External Sports Experts Committee Meeting to plan national and South Zone inter-university championships	10 October 2025	Vinayaka Mission's College of Commerce (VMCC), Chennai Campus	SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

	experts				
112	Madras High Court Advocates' Association (MHAA)	Invited lecture on copyright law in the age of AI and machine learning	8 October 2025	Vinayaka Mission's Law School (VMLS), Chennai	SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals
113	Indian Association of Dermatologists, Venereologists and Leprologists (IADVL), Puducherry Branch	CUTICON Puducherry 2025 – regional dermatology conference organised in association with IADVL.	26 October 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry	SDG 3, SDG 4, SDG 17
114	Seva Bharathi, Cuddalore District	Inauguration and flag-off of the AVMC&H Mobile Medical Unit; MoU signed.	3 November 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry	SDG 3, SDG 10, SDG 17
115	Indian Association of Preventive and Social Medicine (IAPSM); Indian Council of Medical Research (ICMR); IAPSM Puducherry Chapter	One Health Awareness Rally from the college premises to Kottucherry Medu.	3 November 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Karaikal	SDG 3, SDG 15, SDG 17
116	D2R Study Abroad	MoU to provide study-abroad seminars, university interactions, language workshops, career mapping and application guidance.	6 November 2025	Vinayaka Mission's Law School (VMLS), Chennai	SDG 4, SDG 8, SDG 17
117	HCLTech –	AI Master Class	1	Aarupadai Veedu	SDG 4, SDG

	Career Shaper™ Initiative	for Educators conducted by AVIT Centre for Continuing Education.	November 2025	Institute of Technology (AVIT), Chennai	9, SDG 17
118	Kidney Health India (KHI); Vantive Health Care, Chennai	Two-day workshop and hands-on training on advanced renal dialysis techniques.	13–14 November 2025	School of Allied Health Sciences (SAHS), Salem	SDG 3, SDG 4, SDG 17
119	District Employment and Career Guidance Office, Chengalpattu, Government of Tamil Nadu	Jointly organised employment fair connecting job seekers with approximately 70 companies and more than 5,000 vacancies.	Date not specified in newsletter	Aarupadai Veedu Institute of Technology (AVIT), Chennai	SDG 4, SDG 8, SDG 17
120	HCLTech – Career Shaper	AI and Learning Management System (LMS) empowerment workshops for School of Arts and Science faculty.	11 November 2025	School of Arts and Science (SAS), Chennai	SDG 4, SDG 9, SDG 17
121	K-KCCS India Private Limited	MoU to establish Japanese-language training, internships, placements and higher-education pathways in Japan.	Date not specified in newsletter	Vinayaka Mission's Research Foundation (VMRF-DU), Chennai Campus	SDG 4, SDG 8, SDG 17
122	ISA Law Associates, Chennai	MoU for structured student internships in corporate and commercial law.	18 November 2025	Vinayaka Mission's Law School (VMLS), Chennai	SDG 4, SDG 8, SDG 17
123	Satwik Law, Chennai	MoU for student internships and practical exposure in intellectual property law.	21 November 2025	Vinayaka Mission's Law School (VMLS), Chennai	SDG 4, SDG 8, SDG 17
124	MapSDG, Chennai	MoU for SDG alignment, AI/OCR-based	20 November 2025	Vinayaka Mission's Research	SDG 4, SDG 9, SDG 17

		activity mapping, data collection and sustainability dashboards.		Foundation (VMRF-DU), Salem	
125	Magic Bus India Foundation, Salem	Career guidance programme for students on life skills, employability and career readiness.	25–27 November 2025	School of Allied Health Sciences (SAHS), Salem	SDG 4, SDG 8, SDG 10, SDG 17
126	Rotary Club of Neyveli Green City	Speech and hearing screening camp at Block 1, Neyveli.	16 November 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry	SDG 3, SDG 17
127	Vellore Institute of Technology (VIT)	MoU to promote interdisciplinary education, collaborative research, student enrichment and institutional exchanges.	1 December 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry	SDG 4, SDG 9, SDG 17
128	Dr. Mehta's Hospital, Chennai	MoU for clinical postings, hands-on training, guest lectures, workshops and joint research for Allied Health Sciences students.	8 December 2025	School of Allied Health Sciences (SAHS), Salem	SDG 3, SDG 4, SDG 17
129	Pondicherry AIDS Control Society	World AIDS Day awareness rally and street play at Rock Beach, Puducherry.	18 December 2025	School of Allied Health Sciences (SAHS), Puducherry	SDG 3, SDG 10, SDG 17
130	Kidney Health India (KHI Trust)	Four-day workshop and hands-on training on advanced haemodialysis and haemodiafiltration.	During November–December 2025; valedictory on 19 December 2025	School of Allied Health Sciences (SAHS), Chennai Campus	SDG 3, SDG 4, SDG 17
131	Vaastu Vedic Trust (VVT),	MoU to establish the Centre for	15 December	School of Arts and Science	SDG 4, SDG 11, SDG 17

	Mahabalipuram	Sculpture and Architectural Heritage (CSAH) at the Chennai Campus.	2025	(SAS), Chennai Campus, VMRF-DU	
132	Tamil Nadu Forest Department, Chengalpattu Range; IANATA Foundation	National Pollution Control Day awareness rally and street play.	17 December 2025	School of Allied Health Sciences (SAHS), Chennai Campus	SDG 11, SDG 12, SDG 13, SDG 17
133	D Vine Healthcare, Chennai	Medical Coding workshop for Allied Health Sciences students.	23 December 2025	School of Allied Health Sciences (SAHS), Puducherry Campus	SDG 4, SDG 8, SDG 17
134	Department of Women and Child Development, Karaikal	Awareness programme on prevention of child marriage for nursing students.	22 December 2025	Vinayaka Mission's College of Nursing (VMCON), Karaikal	SDG 5, SDG 16, SDG 17
135	Government of Puducherry – Department of Women and Child Development	Child Marriage Free Bharat (Bal Vivah Mukt Bharat) campaign at the SAHS Seminar Hall, Kirumampakkam.	22 December 2025	School of Allied Health Sciences (SAHS), Puducherry Campus	SDG 5, SDG 16, SDG 17
136	Tamil Nadu State Transport Corporation (TNSTC), Salem	Road Safety Awareness Programme and Exhibition Bus Showcase	28 November 2025	School of Allied Health Sciences (SAHS), VMRF-DU, Salem Campus	SDG 3, SDG 11, SDG 17
137	Sevabharathi NGO	General Medical Camp for Karthikai Deepam 2025 devotees at Thiruvannamalai	2–3 December 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry	SDG 3, SDG 10, SDG 17
138	Tamil Nadu AIDS Control Society; Indian Red Cross Society, Chengalpattu District	World AIDS Day awareness rally from Rattinakinaru Bus Stop to Government Medical College & Hospital,	9 December 2025	School of Allied Health Sciences (SAHS), VMRF-DU, Chennai Campus	SDG 3, SDG 10, SDG 17

		Chengalpattu			
139	Tamil Nadu AIDS Control Society; Integrated Counselling and Testing Centre (ICTC) team	HIV awareness lecture and free health check-up / HIV testing camp	9 December 2025	School of Allied Health Sciences (SAHS), VMRF-DU, Chennai Campus	SDG 3, SDG 10, SDG 17
140	Department of Blindness Control Society (DBCS), Government of Puducherry	Ophthalmology specialty camp and general medical camp at Thorapadi, Panruti	20 December 2025	Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry	SDG 3, SDG 10, SDG 17

EVENT REPORTS

1. VMRF served as the Higher Education Partner for the 14th RISE Global Summit of Tamil Entrepreneurs & Professionals.

Partnership organisation(s): The RISE Global / organisers of the 14th RISE Global Summit
Host institution / venue: 14th RISE Global Summit
VMRF institution / unit: Vinayaka Mission's Research Foundation (VMRF-DU)
Activity date: 9–11 January 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
Event report: VMRF participated as the Higher Education Partner at the 14th RISE Global Summit, which brought together Tamil entrepreneurs and professionals from more than 40 countries. This summit as a platform for research collaboration, industry–academia networking, innovation, incubation and start-up support across sectors including IT, healthcare, AgriTech, FinTech and MSMEs. VMRF representatives highlighted internships, live projects, industry-designed curricula and research collaboration.



2. MoU to strengthen IT industry–academia collaboration, research, innovation and entrepreneurship.

Partnership organisation(s): Innovation Tamil Nadu Technology Hub (iTNT), Government of Tamil Nadu
Host institution / venue: Chennai Trade Centre, Chennai (MoU signing venue)

VMRF institution / unit: Vinayaka Mission's Research Foundation (VMRF-DU), Salem
Activity date: 10 January 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
Event report: VMRF (DU) signed an MoU with Innovation Tamil Nadu Technology Hub, an initiative of the Government of Tamil Nadu. The agreement seeks to combine institutional and iTNT expertise, resources and networks to advance IT-related research, innovation, entrepreneurship, knowledge transfer and technology transfer. The signing ceremony as taking place at Chennai Trade Centre on 10 January 2025.



3. Strategic MoU for research initiatives, student internships and staff immersion programmes.
Partnership organisation(s): UGP Engineering Pvt. Ltd., Chennai
Host institution / venue: Chennai
VMRF institution / unit: Vinayaka Mission's Research Foundation (VMRF-DU)
Activity date: 9 January 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
Event report: VMRF (DU) formalised an MoU with UGP Engineering Pvt. Ltd., Chennai, establishing a framework for research initiatives, student internships, staff immersion programmes and other collaborative efforts. The agreement was signed by the University Registrar and the company's Managing Director, in the presence of university and engineering representatives.



4. MoU to promote global research partnerships, academic exchanges and innovation.

Partnership organisation(s): Center for Research and Innovation (CRI), San Diego, USA
Host institution / venue: Aarupadai Veedu Institute of Technology (AVIT), Chennai
VMRF institution / unit: Aarupadai Veedu Institute of Technology (AVIT), VMRF-DU
Activity date: 25 January 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
Event report: AVIT signed an MoU with the Center for Research and Innovation, San Diego, USA. The agreement is intended to foster faculty and student exchanges, joint research and academic collaboration, strengthening the global engagement of both institutions.



5. Road safety awareness programme on traffic regulations and safe driving practices.

Partnership organisation(s): Kirumampakkam Traffic Police Station

Host institution / venue: School of Allied Health Sciences (SAHS), Puducherry; programme held in association with Kirumampakkam Traffic Police Station

VMRF institution / unit: School of Allied Health Sciences, VMRF-DU, Puducherry

Activity date: 20 January 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 11 – Sustainable Cities and Communities; SDG 17 – Partnerships for the Goals

Event report: SAHS, Puducherry, organised a road safety awareness programme in association with Kirumampakkam Traffic Police Station during National Road Safety Month. The programme aimed to educate participants on traffic regulations, safe driving practices and the importance of road safety.



6. Six-day Student Development Programme on Green AI.

Partnership organisation(s): AICTE – Training and Learning Bureau; Edunet Foundation

Host institution / venue: Department of Computer Science and Engineering, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem

VMRF institution / unit: Vinayaka Mission's Kirupananda Variyar Engineering College (VMKVEC), VMRF-DU, Salem

Activity date: 20–25 January 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 13 – Climate Action; SDG 17 – Partnerships for the Goals

Event report: The Department of Computer Science and Engineering conducted a six-day Student Development Programme on Green AI in collaboration with the AICTE–Training and Learning Bureau and Edunet Foundation. The programme introduced students to sustainable artificial-intelligence practices and their real-world applications.



7. MoU for integrated employability training in AI and Machine Learning and related courses.
Partnership organisation(s): Face Prep Campus of Focus 4D Pvt. Education
Host institution / venue: School of Arts and Science, Chennai (institution named alongside the MoU item)
VMRF institution / unit: School of Arts and Science, VMRF-DU, Chennai
Activity date: Jan 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
Event report: This event reports an MoU with Face Prep Campus of Focus 4D Pvt. Education to enable employability training in AI and Machine Learning for B.Sc. Computer Science students, E-Commerce and Digital Marketing for BBA students, and FinTech with AI for B.Com students.



8. Block-level sports competition for Veerapandi Block.

Partnership organisation(s): District Nehru Yuva Kendra Sangathan (NYKS), Salem
Host institution / venue: School of Allied Health Sciences (SAHS), Salem
VMRF institution / unit: School of Allied Health Sciences, VMRF-DU, Salem
Activity date: 7 January 2025
Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals
Event report: The SAHS Youth Club, in collaboration with the District Nehru Yuva Kendra Sangathan, organised a block-level sports competition for Veerapandi Block at the SAHS grounds. The event provided rural youth with an opportunity to demonstrate sporting ability and participate in organised physical activity.

9. Karaikal Carnival 2025 roadshow; VMRF nursing students participated in the roadshow.
Partnership organisation(s): Karaikal District Administration; Department of Tourism
Host institution / venue: Karaikal District Administration and Department of Tourism; roadshow location not fully specified
VMRF institution / unit: Vinayaka Mission's College of Nursing, Karaikal; School of Allied Health Sciences, VMMC Campus, Karaikal
Activity date: 16 January 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 11 – Sustainable Cities and Communities; SDG 17 – Partnerships for the Goals
Event report: The Karaikal District Administration, in collaboration with the Department of Tourism, organised the Karaikal Carnival 2025 roadshow. Students from Vinayaka Mission's College of Nursing participated with a presentation on care of the elderly as part of the NSS initiative. SAHS students from the VMMC Campus also participated in the roadshow.



10. Two-day seminar on "Data Analytics – Next Dimension in Drug Discovery", sponsored by ANRF.

Partnership organisation(s): Anusandhan National Research Foundation (ANRF), New Delhi

Host institution / venue: Vinayaka Mission's College of Pharmacy (VMCP), Salem

VMRF institution / unit: Vinayaka Mission's College of Pharmacy, VMRF-DU, Salem

Activity date: 28–29 January 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Event report: A two-day seminar on data analytics and its applications in drug discovery was conducted with sponsorship from ANRF. The programme featured academic experts from Annamalai University, JSS College of Pharmacy, Anna University, Mother Teresa Postgraduate and Research Institute of Health Sciences and other institutions. The event supported knowledge exchange in pharmaceutical research and data analytics.



11. Career guidance programme on career opportunities, skills and industry expectations.

Partnership organisation(s): Easylink Academy

Host institution / venue: Vinayaka Mission's College of Pharmacy, Salem

VMRF institution / unit: Vinayaka Mission's College of Pharmacy, VMRF-DU, Salem

Activity date: 4 February 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: A career guidance programme was organised featuring Ms. Priya Rajeev, Regional Head – Sales and Marketing at Easylink Academy. The session provided students with insights into career opportunities, skills and industry expectations.

12. IGNITION – Basic Design Workshop.

Partnership organisation(s): Rotaract Clubs of New College, Madras, and Loyola College; Bogan Mediasoft, Coimbatore (resource partner)

Host institution / venue: Aarupadai Veedu Institute of Technology (AVIT), Chennai

VMRF institution / unit: Aarupadai Veedu Institute of Technology, VMRF-DU, Chennai

Activity date: 9 February 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Event report: The Rotaract Club of AVIT, together with the Rotaract Clubs of New College, Madras, and Loyola College, organised IGNITION – Basic Design Workshop. Industry expert Mr. Sriram Barani, Founder of Bogan Mediasoft, and his team led practical sessions that gave participants hands-on exposure to design and creative strategies.





13. "Mission Clean & Green – Unlock the Beauty of Yercaud" awareness programme.

Partnership organisation(s): Eco-Freak Organization

Host institution / venue: Vinayaka Mission's College of Pharmacy (VMCP), Salem

VMRF institution / unit: Vinayaka Mission's College of Pharmacy, VMRF-DU, Salem

Activity date: 10 February 2025

Relevant SDG goal(s): SDG 11 – Sustainable Cities and Communities; SDG 12 – Responsible Consumption and Production; SDG 13 – Climate Action; SDG 15 – Life on Land; SDG 17 – Partnerships for the Goals

Event report: The NSS Unit of VMCP organised the "Mission Clean & Green" awareness programme in collaboration with the Eco-Freak Organization. The event promoted environmental awareness and appreciation of Yercaud's natural environment. This event identifies Mr. Varun Rajan as the Eco-Freak organiser and notes the presence of the Salem District Mayor and university faculty.



14. MoU for clinical training, internships, research opportunities and placement support for optometry students.

Partnership organisation(s): Divine Myndz Vision Care & Therapy, Chennai

Host institution / venue: School of Allied Health Sciences, VMRF-DU; signing venue not explicitly stated

VMRF institution / unit: School of Allied Health Sciences, VMRF-DU (Salem, Chennai and Puducherry branches)

Activity date: 19 February 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: The School of Allied Health Sciences signed an MoU with Divine Myndz Vision Care & Therapy, Chennai. The collaboration is intended to provide optometry students with clinical training, internships, research opportunities and placement support. The partners also plan to jointly organise conferences, seminars and workshops in optometry and vision sciences.



15. MoU for specialised courses, vocational training and industry-ready programmes.
Partnership organisation(s): Paints and Coatings Skill Council (PCSC)
Host institution / venue: Vinayaka Missions Chennai Campus (VMCC), Chennai
VMRF institution / unit: Vinayaka Mission's Research Foundation (VMRF-DU), with AVIT and School of Arts and Science participation
Activity date: 21 February 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals
Event report: VMRF (DU) signed an MoU with the Paints and Coatings Skill Council at VMCC. The partnership introduces specialised courses, vocational training and industry-ready programmes in Civil Engineering and Chemistry, including NCVET-certified courses, hands-on training, faculty workshops and school contests. The PCSC CEO would serve as an advisor to the School of Arts and Science Board of Studies.



16. PREVENCON 2025 – conference on Lifestyle Medicine Revolution: Prevention to Promotion.
Partnership organisation(s): Tamil Nadu Alliance for Development of Community Medicine (TADCOM); Sri Lakshmi Narayana Institute of Medical Sciences (SLIMS), Puducherry
Host institution / venue: TADCOM in collaboration with SLIMS; Hotel Atithi, Puducherry
VMRF institution / unit: VMRF-DU faculty participation (Community Medicine)
Activity date: 21–22 February 2025
Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Event report: PREVENCON 2025 was conducted by TADCOM in collaboration with SLIMS, Puducherry. VMRF faculty member Dr. S. Sangeetha served as a judge for the paper presentation session and presented an online oral paper on validation of an AI tool used in community X-ray screening of tuberculosis in Tamil Nadu.

17. MoU to offer skill-based online courses through SWAYAM Plus.

Partnership organisation(s): Indian Institute of Technology Madras (IIT Madras); Ministry of Education (SWAYAM Plus initiative)
Host institution / venue: Vinayaka Mission's Law School (VMLS), Chennai;
VMRF institution / unit: Vinayaka Mission's Law School, VMRF-DU, Chennai
Activity date: February 2025
Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals
Event report: VMLS signed an MoU with IIT Madras to offer skill-based online courses through SWAYAM Plus, a joint initiative of the Ministry of Education and IIT Madras. The courses, provided by industry partners, are intended to improve students' employability and technical expertise.



18. Seminar on "Role of Youth in Environmental Protection and Biodiversity Conservation".

Partnership organisation(s): Vishwa Yuvak Kendra (VYK), New Delhi; GRAMIUM Trust
Host institution / venue: Aarupadai Veedu Medical College (AVMC), Puducherry
VMRF institution / unit: Aarupadai Veedu Medical College and Hospital, VMRF-DU, Puducherry
Activity date: 1 March 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 15 – Life on Land; SDG 17 – Partnerships for the Goals

Event report: AVMC organised a youth-focused environmental seminar in collaboration with GRAMIUM Trust and Vishwa Yuvak Kendra, New Delhi. Around 28 SAHS Puducherry students participated. The programme addressed youth engagement in environmental protection and biodiversity conservation and included speakers from the Puducherry Legislative Assembly, VYK and WWF-India.



19. The Rise HR Leadership 'Catalysts' – HR Conclave.

Partnership organisation(s): The Rise Global

Host institution / venue: Vinayaka Mission's Chennai Campus, Chennai

VMRF institution / unit: VMRF-DU / Vinayaka Mission's Chennai Campus

Activity date: 7 March 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: The HR Conclave was hosted at Vinayaka Mission's Chennai Campus in collaboration with The Rise Global, a network of Tamil entrepreneurs and professionals. The event brought together industry experts, HR leaders and students for discussions on leadership, innovation, organisational culture, industrial relations, workforce management, talent acquisition and HR technology.



20. AHS-licensed Basic Life Support (BLS) and Advanced Cardiovascular Life Support (ACLS) provider certification programme.

Partnership organisation(s): Society of Emergency Medicine in India (SEMI); American Heart Foundation

Host institution / venue: Dr. AGS Auditorium, School of Allied Health Sciences, Salem

VMRF institution / unit: School of Allied Health Sciences, VMRF-DU, Salem

Activity date: 2 March 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Event report: The Department of Accident and Emergency Care Technology conducted an AHS-licensed BLS and ACLS provider course in collaboration with SEMI and the American Heart Foundation. Dr. T.S. Srinathkumar, Chairperson of the SEMI Board, delivered the keynote address, and Dr. Nilu Sunil, SEMI Board Member, led the training. Twenty participants completed the course and received licensed certificates.



21. Workshop on Sustainable Development Practices in Higher Education.

Partnership organisation(s): Department of Environment and Climate Change (DOE&CC), Government of Tamil Nadu; Periyar University, Salem (joint organising institution)

Host institution / venue: Periyar University, Salem

VMRF institution / unit: VMRF-DU faculty participated; workshop jointly organised by DOE&CC, Government of Tamil Nadu

Activity date: March 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 17 – Partnerships for the Goals

Event report: A workshop on Sustainable Development Practices in Higher Education was held at Periyar University, Salem, jointly organised by the Department of Environment and Climate Change, Government of Tamil Nadu. Faculty members from VMRF constituent institutions participated.



22. MoU to foster collaborative research; faculty visit to Wipro Life Sciences laboratories.

Partnership organisation(s): Wipro Life Sciences, Bengaluru

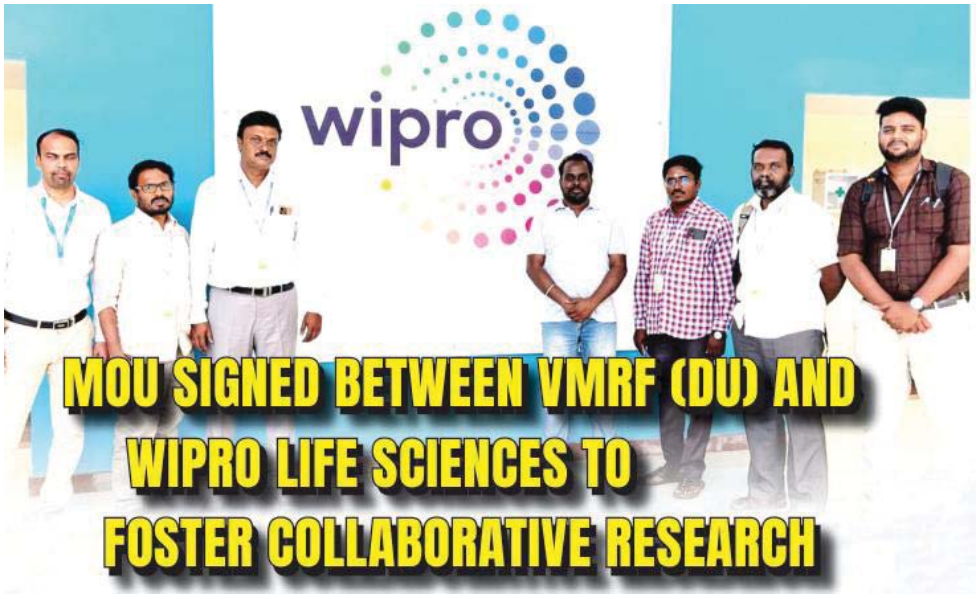
Host institution / venue: Wipro Life Sciences Lab, I&ES and Tarang Lab, Doddakannelli, Bengaluru (visit host)

VMRF institution / unit: Vinayaka Mission's Research Foundation (VMRF-DU), Salem; Vinayaka Mission's College of Pharmacy (VMCP)

Activity date: Faculty visit: 12 March 2025; MoU signing date not specified

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Event report: An MoU was signed between VMRF-DU and Wipro Life Sciences, Bengaluru, to strengthen industry–academia collaboration. Five VMCP faculty members visited Wipro's Life Sciences Lab, I&ES and Tarang Lab on 12 March 2025. The visit enabled faculty to explore advanced facilities, interact with experts and discuss potential joint research projects in pharmaceutical and life sciences fields.



23. Mega free multi-specialty medical camp at Swamimalai.

Partnership organisation(s): Rotary Club of Kumbakonam Tradition Land

Host institution / venue: Vinayaka Mission's Medical College and Hospital (VMMC&H), Karaikal; camp held at Swamimalai

VMRF institution / unit: Vinayaka Mission's Medical College and Hospital, VMRF-DU, Karaikal

Activity date: 23 March 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Event report: VMMC&H organised a mega free specialty medical camp at Swamimalai in collaboration with the Rotary Club of Kumbakonam Tradition Land. The camp covered General Medicine, Obstetrics and Gynaecology, General Surgery, Paediatrics, Dermatology, Orthopaedics, ENT, Ophthalmology, Dentistry and Diabetology, extending multi-specialty consultations to the community.



24. Liver Clinic Camp launched at VMMC OPD Block.

Partnership organisation(s): GEM Hospital, Chennai

Host institution / venue: VMMC&H OPD Block, Karaikal

VMRF institution / unit: Vinayaka Mission's Medical College and Hospital, VMRF-DU, Karaikal

Activity date: March 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Event report: A Liver Clinic Camp was launched at the VMMC OPD Block in collaboration with GEM Hospital, Chennai. The initiative benefited 32 patients with liver disorders and was led by the Dean along with senior faculty and specialists from VMMC&H and GEM Hospital.



25. International Women's Day 2025 celebration and gender-equality awareness programme.

Partnership organisation(s): Union Territory of Puducherry HUB for Empowerment of Women, Department of Women and Child Development

Host institution / venue: School of Allied Health Sciences, Puducherry

VMRF institution / unit: School of Allied Health Sciences, VMRF-DU, Puducherry

Activity date: 15 March 2025

Relevant SDG goal(s): SDG 5 – Gender Equality; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Event report: The SAHS Women Empowerment Cell and Institution Innovation Council celebrated International Women's Day in collaboration with the Puducherry HUB for Empowerment of Women, a unit of the Department of Women and Child Development. The programme included sessions by a Gender Specialist and a District Mission Coordinator and focused on women's empowerment and gender equality.

26. APAIE 2025 Conference and Exhibition

Host institution: VMRF (DU) – University-level participation

Partnership activity: VMRF participated in the international higher-education conference and exhibition, presenting its academic profile and engaging with international education leaders and institutions.

Activity date: 24–28 March 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Partnership type: International higher-education networking

Event report: VMRF (DU) participated in the APAIE 2025 Conference and Exhibition at YASHOBHOOMI, New Delhi. This event as an opportunity to showcase VMRF's academic vision and institutional achievements and to engage with education leaders, policy-makers and institutions from the Asia-Pacific region and beyond. The event records participation and networking; it does not identify a specific MoU signed during this event.



27. District TB Cell, Salem; Department of Microbiology, VMRF

Host institution: Department of Community Medicine, VMRF (DU), Salem

Partnership activity: Continuing Medical Education programme, "Exploring New Frontiers Towards TB Elimination," on tuberculosis prevention and control.

Activity date: 26 March 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 17

Partnership type: Public-health / government and interdepartmental collaboration

Event report: The Department of Community Medicine, in collaboration with the Department of Microbiology and the District TB Cell, Salem, organised a CME programme titled "Exploring New Frontiers Towards TB Elimination" at Annapoorana Lecture Hall II. The programme addressed tuberculosis prevention and control and included contributions from the District TB Officer and other resource persons.

28. Pierre Fauchard Academy, India Section

Host institution: Department of Oral and Maxillofacial Pathology and Oral Microbiology, Vinayaka Mission's Sankarachariyar Dental College

Partnership activity: Online Continuing Dental Education programme on Oral Pathology and Microbiology.

Activity date: 24 March 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4; SDG 17

Partnership type: Professional / academic collaboration

Event report: The Department of Oral and Maxillofacial Pathology and Oral Microbiology conducted an online CDE programme in association with the Pierre Fauchard Academy, India Section, as part of VMRF's Silver Jubilee celebrations. The programme included expert lectures by speakers from India and overseas and benefited 401 undergraduate, intern, postgraduate and faculty participants. Participants received certificates carrying three CDE points.



29. Dhaan Foundation

Host institution: Department of Public Health / SAHS Youth Club, VMRF (DU), Salem

Partnership activity: World Tuberculosis Day awareness programme with lecture, student speeches, role-play and pamphlet distribution.

Activity date: 24 March 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 17

Partnership type: NGO / public-health outreach partnership

Event report: The Department of Public Health, SAHS Youth Club, Youth Red Cross and NSS, in collaboration with Dhaan Foundation, organised a World Tuberculosis Day awareness programme under the theme "Yes! We Can End TB: Commit, Invest, Deliver." A lecture by the Chief Medical Officer of Sukham Hospital, student-led speeches, a role-play and pamphlet distribution were conducted. Fourteen student volunteers helped reach more than 150 beneficiaries.



30. Mind Care Clinic, Sri Sai Karthik Hospital, Neyveli

Host institution: School of Rehabilitation and Behavioral Sciences, VMRF (DU), Puducherry

Partnership activity: Free Yoga Therapy Consultation Camp conducted as part of VMRF's Silver Jubilee celebrations.

Activity date: 30 March 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 17

Partnership type: Healthcare / community service partnership

Event report: The School of Rehabilitation and Behavioral Sciences, Puducherry, organised a Free Yoga Therapy Consultation Camp in collaboration with Mind Care Clinic at Sri Sai Karthik

Hospital, Neyveli. The camp offered personalised consultations to 37 patients as part of the University's Silver Jubilee celebrations.

31. National Service Scheme (NSS) Cell, Tamil Nadu

Host institution: Vinayaka Mission's College of Pharmacy, Salem

Partnership activity: Jai Bhim Padyathra awareness rally commemorating the 134th birth anniversary of Dr. B.R. Ambedkar.

Activity date: 15 April 2025

Relevant SDG goal(s): SDG 10 – Reduced Inequalities; SDG 16 – Peace, Justice and Strong Institutions; SDG 17

Partnership type: Government / civic engagement partnership

Event report: Vinayaka Mission's College of Pharmacy, in association with the Tamil Nadu State NSS Cell, Chennai, and VMRF (DU), organised the Jai Bhim Padyathra awareness rally to commemorate the 134th birth anniversary of Dr. B.R. Ambedkar. The activity promoted awareness of equality, justice and social empowerment.



32. Dio Navi Implants

Host institution: Department of Implantology, Vinayaka Mission's Sankarachariyar Dental College

Partnership activity: Two-day corporate training and clinical programme on full-mouth rehabilitation and navigation-guided implant surgery, including lectures, hands-on workshops and live surgical demonstrations.

Activity date: 16–17 April 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4; SDG 9 – Industry, Innovation and Infrastructure; SDG 17

Partnership type: Clinical / industry training partnership

Event report: The Department of Implantology conducted a Full Mouth Rehabilitation with Navigation-Guided Implant Surgery in association with the Department of Oral and Maxillofacial Surgery and in collaboration with Dio Navi Implants. The two-day corporate training programme included lectures, hands-on workshops, live surgical demonstrations and case discussions. Faculty and postgraduate students from the participating specialties took part.



33. Salem Ornithological Foundation; Salem and Attur Forest Divisions

Host institution: School of Allied Health Sciences, VMRF (DU), Salem

Partnership activity: "Bird of Salem" ballot-based voting and awareness initiative to engage students and faculty in local bird conservation.

Activity date: 24 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 15 – Life on Land; SDG 17

Partnership type: Environmental / conservation partnership

Event report: The School of Allied Health Sciences, in partnership with the Salem Ornithological Foundation and the Salem and Attur Forest Divisions, organised a ballot-based voting event to select the "Bird of Salem." Forest-related partners supported the conservation-focused activity, while students and faculty participated in the survey.



34. Wadhwani Foundation

Host institution: VMRF (DU) – University-level initiative

Partnership activity: Launch of the IGNITE Entrepreneurship Course to develop entrepreneurial mindsets, career readiness and venture-creation capabilities.

Activity date: 24 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9; SDG 17

Partnership type: Formal institutional / entrepreneurship partnership

Event report: VMRF (DU) launched the IGNITE Entrepreneurship Course in collaboration with the Wadhwani Foundation. The launch took place at the University Board Room and featured institutional leaders and representatives of the Foundation. The initiative aims to develop entrepreneurial mindsets, improve career readiness and support students in launching ventures or securing employment.



35. Thought Flows Medical Coding Academy, Salem

Host institution: Vinayaka Mission's College of Pharmacy, Salem

Partnership activity: MoU-based medical-coding training and career guidance programme for students, with job-placement support.

Activity date: 22 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17

Partnership type: Formal MoU / employability partnership

Event report: Vinayaka Mission's College of Pharmacy collaborated with Thought Flows Medical Coding Academy, Salem, for a career guidance programme titled "Growth and Opportunities in Medical Coding." The session introduced students to the medical-coding field and career pathways. The event entry describes the strategic collaboration as supporting industry-relevant training and job-placement preparation.

36. Phoenix Screening Services, Bengaluru

Host institution: School of Allied Health Sciences, VMRF (DU), Salem

Partnership activity: Career Guidance Programme on Forensic Science Technology, including an internship eligibility test and sponsored internship opportunities.

Activity date: 19 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17

Partnership type: Industry / career-readiness partnership

Event report: The Placement Cell of the School of Allied Health Sciences, Salem, in collaboration with Phoenix Screening Services, Bengaluru, organised a Career Guidance Programme on Forensic Science Technology at Dr. ASG Auditorium. The programme introduced students to skills and career opportunities in forensic science and included a free internship eligibility test. Two students received fully sponsored internships and twelve others received fee concessions.



37. Kauvery Hospital, Vadapalani, Chennai

Host institution: Department of Physician Assistant / SAHS Youth Club, VMRF (DU), Chennai Campus

Partnership activity: Expert participation in the Seminar on Liver Health (SLH 25), covering gastroenterology, hepatology, liver transplantation and family medicine.

Activity date: 23 April 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 17

Partnership type: Hospital / academic engagement

Event report: The Department of Physician Assistant, together with the SAHS Youth Club at the VMRF-DU Chennai Campus, hosted a Seminar on Liver Health (SLH 25). The programme included expert talks by consultants from Kauvery Hospital, Vadapalani, Chennai, and provided students with specialist perspectives on liver health.



38. Indian Biomedical Skill Consortium (IBSC), under Andhra Pradesh MedTech Zone (AMTZ)

Host institution: Aarupadai Veedu Institute of Technology (AVIT), VMRF (DU)

Partnership activity: MoU signed by AVIT to establish an industry-integrated Biomedical Engineering programme and promote interdisciplinary academic and research initiatives.

Activity date: 21 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17

Partnership type: Formal MoU / government-supported industry skills partnership

Event report: Aarupadai Veedu Institute of Technology (AVIT) signed an MoU with the Indian Biomedical Skill Consortium (IBSC), under the Andhra Pradesh MedTech Zone (AMTZ), Visakhapatnam, an initiative of the Government of Andhra Pradesh. The agreement supports an industry-integrated Biomedical Engineering programme and interdisciplinary initiatives, including coordination with Aarupadai Veedu Medical College, Puducherry.



39. Medini Technologies

Host institution: VMRF (DU) – International Relations / University administration

Partnership activity: MoU to introduce industry-integrated training in Building Information Modelling (BIM) for Civil Engineering and Product Design and Manufacturing for Mechanical Engineering.

Activity date: 30 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17

Partnership type: Formal MoU / industry–academia partnership

Event report: VMRF signed an MoU with Medini Technologies to introduce industry-integrated programmes in selected engineering disciplines. The initiative includes specialised training in Building Information Modelling for Civil Engineering and Product Design and Manufacturing for Mechanical Engineering, aligning academic learning with current industry practices and technology.



40. Woldia University, Ethiopia

Host institution: VMRF (DU) – International Relations / University administration

Partnership activity: MoU to advance academic and research collaboration, including research initiatives and faculty training.

Activity date: 11 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17

Partnership type: International university partnership / formal MoU

Event report: VMRF (DU) signed an MoU with Woldia University, Ethiopia, establishing a strategic partnership focused on academic and research collaboration. The stated priorities include joint research initiatives and faculty training, drawing on the expertise of both institutions.



41. Jimma University and Jimma Institute of Technology, Ethiopia

Host institution: Vinayaka Mission's College of Pharmacy, Salem

Partnership activity: MoU and institutional visit to develop research cooperation, faculty development and academic exchange.

Activity date: 9 April 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17

Partnership type: International university partnership / formal MoU

Event report: The Registrar of VMRF (DU) visited Jimma University, Ethiopia, to strengthen cooperation involving Jimma University, Jimma Institute of Technology and VMRF. An MoU was formally signed with the President of Jimma University on 9 April 2025. The agreement focuses on research initiatives and faculty development programmes, particularly for Jimma Institute of Technology.



42. Nobel Biocare Implants

Host institution: School of Allied Health Sciences, VMRF (DU), Salem

Partnership activity: First module of the University Implant Certification Programme 2025, providing advanced education and hands-on training in implant dentistry.

Activity date: 5–7 May 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17

Partnership type: Professional / clinical industry training partnership

Event report: The Department of Implantology at Vinayaka Mission's Sankarachariyar Dental College conducted the first module of the University Implant Certification Programme 2025 in

association with Nobel Biocare Implants. The programme delivered advanced education and hands-on training in implant dentistry and involved 22 postgraduate students, faculty members and alumni.



43. Confido Training & Events Pvt. Ltd., Salem

Host institution: VMRF (DU) – Faculty Development / Entrepreneurship initiative across Chennai, Karaikal and Puducherry campuses

Partnership activity: Two-day "Synergy – Unlock Your Potential: Fresher's Skill Fest" to develop student talents and employability skills.

Activity date: 5–6 May 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17

Partnership type: Industry / student skill-development partnership

Event report: The Placement Cell/School of Allied Health Sciences organised the two-day Synergy – "Unlock Your Potential: Fresher's Skill Fest" in association with Confido Training & Events Pvt. Ltd., Salem. The fest featured debate, quiz, group singing, Just a Minute, Ad Zap, Corporate Trend Show and Running Commentary, with the aim of developing student talents and confidence.



44. Wadhwani Foundation

Host institution: Vinayaka Mission's Sankarachariyar Dental College

Partnership activity: Faculty Development Programmes on Entrepreneurship Development across VMRF campuses to strengthen faculty capacity to mentor student entrepreneurship.

Activity date: 21–23 May 2025 (Chennai and Karaikal); 26–28 May 2025 (Puducherry)

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4; SDG 17

Partnership type: MoU implementation / faculty capacity-building partnership

Event report: Under the existing MoU between VMRF and the Wadhwani Foundation, Faculty Development Programmes on Entrepreneurship Development were conducted across multiple campuses. The Chennai programme ran from 21–23 May with 29 faculty members; a concurrent programme was held at Karaikal with 17 faculty members; and the Puducherry programme ran from 26–28 May with 20 faculty members. Sessions used simulations, venture scenarios, case studies and experiential learning to prepare faculty to support entrepreneurship education.



45. DIO Implants

Host institution: School of Allied Health Sciences, VMRF (DU), Salem

Partnership activity: Two-day hands-on Basic Implantology workshop for interns under the Add-On Skill Enhancement Course for Undergraduates 2025.

Activity date: 19–20 May 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17

Partnership type: Clinical / industry training partnership

Event report: Vinayaka Mission's Sankarachariyar Dental College conducted a two-day Basic Implantology workshop for interns in collaboration with DIO Implants. The workshop formed part of the Add-On Skill Enhancement Course for Undergraduates 2025 and provided practical exposure to approximately 88 interns.



46. Opto Research Consultancy Services & Opto Research Academy

Host institution: NSS Unit, VMRF (DU) – Salem campus

Partnership activity: MoU with the School of Allied Health Sciences to promote educational excellence, innovation and research capacity.

Activity date: May 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 17

Partnership type: Formal MoU / academic and research partnership

Event report: The School of Allied Health Sciences, Salem, reported a strategic partnership through an MoU with Opto Research Consultancy Services and Opto Research Academy. The agreement aims to promote educational excellence, innovation and research capacity, focusing on areas jointly identified as feasible and beneficial to both parties.



47. District Health Office, Salem

Host institution: Tobacco Control Cell, Department of Psychiatry, Vinayaka Mission's Medical College and Hospital, Karaikal

Partnership activity: World No Tobacco Day awareness rally and puppet show organised by the NSS Unit.

Activity date: 30 May 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 17

Partnership type: Government / public-health partnership

Event report: The NSS Unit organised an awareness rally and puppet show in collaboration with the District Health Office, Salem, to mark World No Tobacco Day. The programme raised awareness of tobacco-related harms and prevention. The event records participation by institutional and district-level dignitaries.



48. State Tobacco Control Programme (NTCP), Puducherry

Host institution: Vinayaka Mission's Medical College and Hospital, Karaikal

Partnership activity: World No Tobacco Day tobacco-awareness talk by the Tobacco Control Cell, Department of Psychiatry.

Activity date: 31 May 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 17

Partnership type: Government / public-health partnership

Event report: The Tobacco Control Cell of the Department of Psychiatry, Vinayaka Mission's Medical College and Hospital, Karaikal, conducted a tobacco-awareness talk in collaboration with the State Tobacco Control Programme, Puducherry. The programme addressed tobacco-industry tactics, health consequences, addiction, legal measures and cessation strategies. Fifty beneficiaries attended, and awareness materials were shared with 20 community members.



49. World Environment Day environmental awareness programme, nature activities and tree plantation.

Partnership organisation(s): Forest Department, Siddhar Kovil

Host institution / venue: Forest Extension Center, Siddhar Kovil

VMRF institution / unit: NEP Cell, VMRF-DU; NEP SAARTHIs; NEP Students Club, Vinayaka Mission's College of Physiotherapy, Salem

Activity date: 5 June 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 13 – Climate Action; SDG 15 – Life on Land; SDG 17 – Partnerships for the Goals

Event report: VMRF's NEP Cell, NEP SAARTHIs and the NEP Students Club of Vinayaka Mission's College of Physiotherapy organised a one-day environmental awareness event in collaboration with the Forest Department, Siddhar Kovil, at the Forest Extension Center. Forty student club representatives and six faculty members participated. Activities included an awareness talk on nature conservation and plastic pollution, trekking, nature journalism, tree planting and seedling orientation.



50. Indian Coast Guard Station

Host institution: Placement Cell, School of Allied Health Sciences, VMRF (DU), VIMS Campus

Partnership activity: Voluntary blood donation camp at VMMC&H, Karaikal, in observance of World Blood Donor Day.

Activity date: 13 June 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17

Partnership type: Government / healthcare community partnership

Event report: Vinayaka Mission's Medical College and Hospital, Karaikal, organised a blood donation camp in collaboration with the Indian Coast Guard Station on 13 June 2025. The initiative promoted voluntary blood donation and awareness of its role in saving lives.



51. Confido Training & Events Pvt. Ltd., Salem

Host institution: Vinayaka Mission's Law School (VMLS), Chennai

Partnership activity: Finishing School Programme for career readiness, employability and soft-skill development among SAHS students.

Activity date: 11–14 June 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17

Partnership type: Industry / employability partnership

Event report: The Placement Cell of the School of Allied Health Sciences, VIMS Campus, organised a Finishing School Programme in association with Confido Training & Events Pvt. Ltd., Salem. The programme was designed to strengthen employability and soft skills and prepare students for professional careers.



52. International Mediations Organisation (IMO)

Host institution: Vinayaka Mission's Law School (VMLS), Chennai

Partnership activity: MoU between VMLS and IMO to promote academic and professional collaboration in mediation and Alternative Dispute Resolution (ADR).

Activity date: 13 June 2025

Relevant SDG goal(s): SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17

Partnership type: Formal MoU / legal education partnership

Event report: Vinayaka Mission's Law School, Chennai, signed an MoU with the International Mediations Organisation on 13 June 2025. The programme included an expert talk on Alternative Dispute Resolution, faculty and student interaction and networking, supporting academic and professional engagement in mediation and ADR.



53. Kovise Foundation Conflict Resolution International (KFCRI)

Host institution: Shanmuga College of Physiotherapy, Karaikal, with SAHS Karaikal Campus

Partnership activity: MoU with VMLS to promote academic and professional collaboration in ADR, including certified student training and practical engagement in arbitration, mediation and conciliation.

Activity date: 12 June 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4; SDG 17

Partnership type: Formal MoU / legal education partnership

Event report: Vinayaka Mission's Law School, Chennai, signed an MoU with Kovise Foundation Conflict Resolution International on 12 June 2025. The partnership is intended to provide students with certified training and practical engagement in arbitration, mediation and conciliation.



54. Heartfulness Institute, Karaikal

Host institution: Department of Accident and Emergency Care Technology, School of Allied Health Sciences, VMRF (DU)

Partnership activity: International Yoga Day celebration with yoga asanas and guided meditation at Shanmuga College of Physiotherapy.

Activity date: 20 June 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 4; SDG 17

Partnership type: Well-being / community partnership

Event report: Shanmuga College of Physiotherapy, Karaikal, in collaboration with the School of Allied Health Sciences, Karaikal Campus, celebrated International Yoga Day as part of VMRF's Silver Jubilee celebrations. The session was led by the District Coordinator of the

Heartfulness Institute, Karaikal, with trained instructors guiding students in yoga asanas and meditation.



55. American Heart Foundation; Society of Emergency Medicine in India (SEMI)

Host institution: SAHS Youth Club and Environmental Science Club, VMRF (DU)

Partnership activity: Three-day Basic Life Support (BLS) and Advanced Cardiovascular Life Support (ACLS) provider course with hands-on training and certification.

Activity date: 18–20 June 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 12 – Responsible Consumption and Production; SDG 17

Partnership type: Clinical certification / professional training partnership

Event report: The Department of Accident and Emergency Care Technology organised a three-day BLS and ACLS provider course in association with the American Heart Foundation and the Society of Emergency Medicine in India. The programme included hands-on training for 30 participants and provider-course certificates.



56. Tamil Nadu Food Safety and Drug Administration Department

Host institution: SAHS Youth Club and Environmental Science Club, VMRF (DU)

Partnership activity: World Food Safety Day awareness rally and cultural programme under the theme “Food Safety: Science in Action.”

Activity date: 18 June 2025

Relevant SDG goal(s): SDG 3 – Good Health and Well-being; SDG 12 – Responsible Consumption and Production; SDG 17

Partnership type: Government / public-awareness partnership

Event report: The SAHS Youth Club and Environmental Science Club organised a World Food Safety Day awareness rally and cultural programme in association with the Tamil Nadu Food Safety and Drug Administration Department. The programme included a public procession, flash mob, Villu Pattu and street play to communicate food-safety messages. The event records participation by 150 students and distribution of 500 awareness pamphlets.



57. AVIT–Bentley partnership / MoU for engineering education

Partner organisation(s): Bentley

Activity date: July 2025

Host institution / venue: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Suggested SDG mapping: SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Event report: AVIT and Bentley entered into an MoU to strengthen industry-relevant engineering education and skill development. The collaboration provides students access to more than 65 Bentley software tools, hands-on training through certified Bentley partners and curriculum support aligned with industry standards. Faculty are also to receive digital learning resources.



58. Career support and motivation programme for Class XI and XII girls

Partner organisation(s): Sri Ramakrishna Math Vivekananda Centenary Girls Higher Secondary School

Activity date: Not stated in newsletter

Host institution / venue: Sri Ramakrishna Math Vivekananda Centenary Girls Higher Secondary School, Chennai

Suggested SDG mapping: SDG 4 – Quality Education; SDG 5 – Gender Equality; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Event report: VMRF Chennai Campus collaborated with the school to conduct a career support and motivation programme for senior schoolgirls. The initiative broadened awareness of academic pathways and career options beyond conventional entrance-examination routes. The newsletter reports participation by more than 100 students and improved clarity and confidence about future study and career choices.



59. MoU for drone technology research, training and Remote Pilot Training Organisation

Partner organisation(s): Unitos Trading Pvt. Ltd., Salem (Unitos Aero Drone Solutions)

Activity date: 19 June 2025

Host institution / venue: VMRF (DU), Board Room, Salem

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Event report: VMRF (DU) signed an MoU with Unitos Trading Pvt. Ltd. to develop joint research and development, student internships, faculty immersion, training and service programmes in drone technologies. The collaboration includes academic advisory support and plans for a DGCA-licensed Remote Pilot Training Organisation. The agreement was signed by the Registrar of VMRF (DU) and the Managing Director of Unitos.



60. MoU for logistics-sector curriculum, training, internships and placements

Partner organisation(s): Tamil Nadu Apex Skill Development Centre for Logistics (TNASDCL)

Activity date: 4 July 2025

Host institution / venue: Department of Management, Aarupadai Veedu Institute of Technology (AVIT), Chennai

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: The Department of Management, AVIT, signed an MoU with TNASDCL to develop industry-aligned curricula, skill-development training, internships, placement support, faculty development programmes and value-added courses for the logistics sector. The partnership is intended to improve employability and entrepreneurial potential, particularly for students from rural backgrounds.



61. Community-based learning visit on leprosy diagnosis and public health

Partner organisation(s): Central Leprosy Teaching and Research Institute (CLTRI), Chengalpattu; Ministry of Health and Family Welfare, Government of India

Activity date: 8–9 July 2025

Host institution / venue: Central Leprosy Teaching and Research Institute (CLTRI), Chengalpattu

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Event report: Students from the Department of Medical Laboratory Technology visited CLTRI as part of curriculum enrichment and community-based learning. The visit provided exposure to clinical and diagnostic aspects of leprosy, specialised diagnostic techniques and real-world public-health practices.



62. Good Samaritan Scheme awareness programme

Partner organisation(s): E11 Mamallapuram Traffic Police Station

Activity date: 5 July 2025

Host institution / venue: School of Allied Health Sciences (SAHS), VMRF (DU), Chennai/Mamallapuram outreach

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 11 – Sustainable Cities and Communities; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Event report: The Youth Club, NSS and Youth Red Cross of SAHS organised an awareness programme in collaboration with E11 Mamallapuram Traffic Police Station. The Traffic Police Inspector explained the objectives and benefits of the Good Samaritan Scheme, encouraging responsible public response and assistance to road-accident victims.



63. Mission Shakti awareness rally for women empowerment and youth skills

Partner organisation(s): Department of Women and Child Development, Government of Puducherry

Activity date: 15 July 2025

Host institution / venue: School of Allied Health Sciences (SAHS), VMRF (DU), Puducherry

Suggested SDG mapping: SDG 4 – Quality Education; SDG 5 – Gender Equality; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: The NSS Unit and Women Empowerment Cell of SAHS organised an awareness rally in collaboration with the Department of Women and Child Development, Puducherry, to mark World Youth Skills Day. The rally promoted women's empowerment, gender equality and youth skill development under the Mission Shakti theme.



64. Strategic partnership in AI-powered digital pathology

Partner organisation(s): IMPaRT.ai

Activity date: July 2025

Host institution / venue: Vinayaka Mission's Research Foundation (VMRF), Salem

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Event report: VMRF entered into a strategic collaboration with IMPaRT.ai to advance digital pathology in clinical, academic and research settings. The proposed work includes digitisation of pathology slides, AI-assisted interpretation, remote consultations and access to digitised educational materials and research datasets. The newsletter describes joint discussions between representatives of both organisations but does not state the signing date or a specific event venue.



65. Free dental camp and oral-health awareness at Anganwadi School, Ammapet

Partner organisation(s): Children Charitable Trust

Activity date: 23 July 2025

Host institution / venue: Anganwadi School, Ammapet, Salem

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Event report: The Department of Public Health Dentistry, Vinayaka Mission's Sankarachariyar Dental College, collaborated with Children Charitable Trust to conduct a free dental camp at Anganwadi School, Ammapet. The camp promoted oral-health awareness and hygiene among children, with participation from postgraduate students and CRRIs.



66. Free eye-screening camp and eye-health awareness

Partner organisation(s): Government Primary School, Kottucherymedu

Activity date: 23 July 2025

Host institution / venue: Government Primary School, Kottucherymedu, Karaikal

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Event report: The Department of Optometry and NSS Unit of the School of Allied Health Sciences, VMMC Campus, Karaikal, conducted a free eye-screening camp at the host school. Eighty-five children received eye screening. Students also received guidance on eye-friendly nutrition, the effects of prolonged mobile-phone use and digital eye care.



67. Employer Value Proposition (EVP) workshop to strengthen VMRF's employer brand

Partner organisation(s): People Business

Activity date: 7 August 2025

Host institution / venue: VMKV Dental College, Salem

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: VMRF conducted an Employer Value Proposition workshop as part of its employer-branding initiative. Dr. Sandeep Krishnan, CEO of People Business, and Mr. Nitin Gumber, Office Head and Associate Director, facilitated the workshop. Thirty-six participants worked together to identify six distinctive employer values aligned with VMRF's vision, mission and institutional identity.



68. National Organ Donation Day awareness programme

Partner organisation(s): Kidney Health India; MGM Healthcare, Chennai; Government Medical College & Hospital, Chengalpattu

Activity date: 4 August 2025

Host institution / venue: School of Allied Health Sciences (SAHS), VMRF (DU), Chennai Campus

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Event report: SAHS collaborated with Kidney Health India to organise an organ-donation awareness programme. Specialists from MGM Healthcare, Chennai, discussed organ transplantation and multidisciplinary care, while a transplant coordinator from Government Medical College & Hospital, Chengalpattu, explained eligibility, legal and ethical considerations, government schemes and registration. Around 200 students participated.



69. World Breastfeeding Awareness Week walkathon

Partner organisation(s): Ministry of Health & Family Welfare, Government of Puducherry

Activity date: 4 August 2025

Host institution / venue: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 5 – Gender Equality; SDG 17 – Partnerships for the Goals

Event report: The NSS of AVMC&H conducted a walkathon in association with the Ministry of Health & Family Welfare, Government of Puducherry, during World Breastfeeding Awareness Week. The rally promoted the benefits of breastfeeding and raised community awareness of maternal and infant health.



70. Ophthalmology camp at Kullanchavadi Satellite Centre

Partner organisation(s): District Blindness Control Society (DBCS)

Activity date: 3 August 2025

Host institution / venue: Kullanchavadi Satellite Centre, Cuddalore

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Event report: AVMC&H, in collaboration with the District Blindness Control Society, organised an ophthalmology camp to support early detection, treatment and prevention of vision problems in the community. The activity extended specialist eye-care services beyond the main campus.









71. Placement drive for D.Pharmacy and B.Pharmacy students

Partner organisation(s): MedPlus Pharmaceutical Industry

Activity date: 1 August 2025

Host institution / venue: Vinayaka Mission's College of Pharmacy (VMCP), Salem

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: VMCP hosted a placement drive in collaboration with MedPlus Pharmaceutical Industry for D.Pharmacy and B.Pharmacy students. Forty students participated, and 22 were selected for employment, with the newsletter reporting an annual package of ₹2.5 lakh plus incentives

72. Nasha Mukt Bharat Abhiyaan e-pledge awareness programme

Partner organisation(s): Ministry of Education, Government of India

Activity date: 8–9 August 2025

Host institution / venue: Vinayaka Mission's Homoeopathic Medical College & Hospital (VMHMCH), Salem

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Event report: VMHMCH participated in the nationwide Nasha Mukt Bharat Abhiyaan launched by the Ministry of Education, Government of India, by hosting an e-pledge awareness programme. Two hundred student volunteers pledged to adopt a drug-free lifestyle and contribute to an addiction-free society.

73. Anti-drug awareness pledge and anti-tobacco exhibition

Partner organisation(s): Salem District Police; Excise Department; Anti-Drug Clubs; Government Boys' Higher Secondary School, Fort, Salem

Activity date: 11 August 2025

Host institution / venue: Government Boys' Higher Secondary School, Fort, Salem

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Event report: The Salem District Police, Excise Department and Anti-Drug Clubs jointly organised an anti-drug awareness pledge programme at the host school. The Department of Public Health Dentistry, Vinayaka Mission's Sankarachariyar Dental College, contributed an anti-tobacco exhibition. Officials, teachers and students participated in the programme promoting a drug-free Tamil Nadu.



74. Awareness programme on anti-drug, anti-ragging and prevention of sexual harassment

Partner organisation(s): Salem South Police; District Health Office, Salem; Social Welfare Department

Activity date: 12 August 2025

Host institution / venue: School of Allied Health Sciences (SAHS), VMRF (DU), Salem

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 5 – Gender Equality; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Event report: As part of the Student Induction Programme, SAHS organised an awareness programme with participation from the Deputy Commissioner of Police, Salem South; the District Tobacco Control Consultant, District Health Office, Salem; and a representative of the Social Welfare Department. The speakers addressed relevant laws, drug-related harms and student safety. Students, faculty and staff took anti-drug and anti-ragging pledges.



75. Cybercrime and cybersecurity awareness programme

Partner organisation(s): Salem Cyber Crime Police

Activity date: 13 August 2025

Host institution / venue: School of Allied Health Sciences (SAHS), VMRF (DU), Salem

Suggested SDG mapping: SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Event report: The NSS Unit of SAHS organised a cybercrime and cybersecurity awareness programme during the Student Induction Programme. Police personnel from the Cyber Crime unit explained prevalent cybercrimes, digital vigilance and practical cybersecurity measures to students.



76. Industry–people interaction programme for Allied Health Sciences students

Partner organisation(s): Sree Jayam Ortho & Multi-Speciality Hospital, Salem

Activity date: Not stated in newsletter

Host institution / venue: School of Allied Health Sciences (SAHS), VMRF (DU), Salem

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: The SAHS Placement Cell organised an Industry People Interaction Programme featuring the Administrative Head of Sree Jayam Ortho & Multi-Speciality Hospital, Salem. The interaction highlighted the value of industry exposure, professional networking, skill development and career guidance for students.



77. Sangam – life-skills and student induction programme

Partner organisation(s): Skill Power

Activity date: 20–22 August 2025

Host institution / venue: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: AVIT hosted Sangam as part of its Student Induction Programme. Mr. Unni Nair, Programme Partner and Director of Skill Power, and professional trainers conducted sessions in batches. The programme was designed to strengthen life skills, confidence, peer bonding and motivation among first-year students.



78. Guest lecture on building a successful career

Partner organisation(s): Grootan Technologies Pvt. Ltd.

Activity date: 22 August 2025, 10:30 a.m.

Host institution / venue: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Event report: AVIT organised a career-development guest lecture during its Student Induction Programme. Mr. Sasikumar Thangamuthu, Chief People Officer of Grootan Technologies Pvt. Ltd., addressed students on discipline, adaptability, continuous learning and effective communication, drawing on professional experience.



79. Free dental screening and oral-health awareness camps at Anganwadi Schools, Ponamapet and Ammapet, Salem

Host institution: Vinayaka Mission's Sankarachariyar Dental College (VMSDC), Salem

Partner organisation(s): Children Charitable Trust

Activity date: 9 and 11 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals

Engagement type: Joint community-health activity

Event report: The Department of Public Health Dentistry conducted two free dental screening camps in collaboration with Children Charitable Trust at Anganwadi Schools in Ponamapet and Ammapet, Salem. The programmes promoted oral-health awareness and good oral-hygiene practices among young children. The first camp was held on 9 September and the second on 11 September 2025.

80. Anbu Nagar medical outreach camp

Host institution: Vinayaka Mission's Medical College and Hospital (VMMC&H), Karaikal

Partner organisation(s): BJP OBC Morcha

Activity date: 6 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Engagement type: Joint community-health activity

Event report: VMMC&H conducted a health camp at Anbu Nagar, Karaikal, in collaboration with BJP OBC Morcha. The camp provided free medical consultations and essential health services to the local community. A total of 65 beneficiaries attended, including 28 males and 37 females. Services included general medicine, paediatrics and dermatology consultations.

81. Eye Donation Awareness Rally

Host institution: School of Allied Health Sciences (SAHS), Puducherry Campus

Partner organisation(s): Jothi Eye Care Centre, Puducherry

Activity date: 9 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals

Engagement type: Joint public-awareness activity

Event report: The Department of Optometry, in collaboration with Jothi Eye Care Centre, organised an Eye Donation Awareness Rally for National Eye Donation Fortnight. The rally proceeded from Raja Theatre Signal to Rock Beach. Students used posters, slogans and public interaction to address misconceptions and encourage eye-donation pledges.

82. World Suicide Prevention Day awareness activities

Host institution: School of Rehabilitation and Behavioral Sciences (SRBS), Puducherry

Partner organisation(s): Kasturba Women's College, Villiyanur

Activity date: 11 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: Joint mental-health awareness activity

Event report: The Department of Clinical Psychology, SRBS, collaborated with Kasturba Women's College, Villiyanur, to organise World Suicide Prevention Day activities. The programme included a rally involving approximately 200 participants, a student poster gallery and an interactive session with government school students on suicide-prevention strategies. The activity promoted mental-health awareness and community dialogue.

83. Ophthalmology specialty camp at Panruti Satellite Centre, Cuddalore

Host institution: Aarupadai Veedu Medical College and Hospital (AVMC&H), Puducherry

Partner organisation(s): Department of Blindness Control Society (DBCS)

Activity date: 10 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Engagement type: Joint community-health activity

Event report: AVMC, in association with the Department of Blindness Control Society, conducted an Ophthalmology Specialty Camp at the Panruti Satellite Centre, Cuddalore. The camp provided eye examinations, early identification of ocular conditions and treatment services, supporting access to eye care in the community.

84. School health camp benefiting 180 children

Host institution: Vinayaka Mission's Kirupananda Variyar Medical College and Hospital (VMKVMC&H), Salem

Partner organisation(s): Montfort Community School

Activity date: 10 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: School-based community-health activity

Event report: The Department of Community Medicine, together with the Departments of Paediatrics and Dermatology, organised a comprehensive health camp at Montfort Community School. Nearly 180 children benefited from medical check-ups, consultations and guidance on general health, hygiene and preventive care. The activity supported early attention to children's health needs.



85. MoU for advanced radiation therapy and comprehensive cancer care for referred oral-cancer patients

Host institution: Vinayaka Mission's Sankarachariyar Dental College (VMSDC), Salem

Partner organisation(s): Erode Cancer Centre Pvt. Ltd.

Activity date: 11 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals

Engagement type: Formal MoU / healthcare partnership

Event report: VMSDC signed an MoU with Erode Cancer Centre Pvt. Ltd. to facilitate advanced radiation therapy for eligible oral-cancer patients referred by the Department of Oral and Maxillofacial Surgery. The agreement also provides access to surgery, chemotherapy, and pain and palliative management at affordable rates for referred patients, strengthening continuity of cancer care.



86. Two-day hands-on training on next-generation AI tools in Bioinformatics

Host institution: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Partner organisation(s): Simbioen Labs and Scientific Service Labs, Chennai

Activity date: 15–16 September 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Engagement type: Joint technical training / academic–industry engagement

Event report: The Department of Biotechnology, AVIT, organised a two-day hands-on training programme in collaboration with Simbioen Labs and Scientific Service Labs, Chennai. The training provided students with practical exposure to next-generation AI tools, bioinformatics applications and data analysis, supporting the development of emerging technical skills.



87. Swachhata Hi Seva cleanliness and hygiene initiative

Host institution: School of Allied Health Sciences (SAHS), Puducherry Campus

Partner organisation(s): Bahour Commune Panchayat

Activity date: 17 September 2025

Suggested SDG mapping: SDG 6 – Clean Water and Sanitation; SDG 11 – Sustainable Cities and Communities; SDG 17 – Partnerships for the Goals

Engagement type: Joint civic / environmental activity

Event report: SAHS, Puducherry, organised a Swachhata Hi Seva initiative in collaboration with Bahour Commune Panchayat. Students and faculty participated in awareness campaigns, cleaning activities and demonstrations promoting cleanliness and hygiene. The newsletter also records that collected waste was handed over to the Bahour Municipality for safe disposal.



88. Swachhata Pakhwada cleanliness drive at Chinnaseeragapadi

Host institution: School of Allied Health Sciences (SAHS), Salem

Partner organisation(s): Local Panchayat

Activity date: 15 September 2025

Suggested SDG mapping: SDG 11 – Sustainable Cities and Communities; SDG 12 – Responsible Consumption and Production; SDG 17 – Partnerships for the Goals

Engagement type: Community environmental activity

Event report: The NSS Unit, SAHS Youth Club and Bhumi Club conducted a pledge ceremony and cleanliness drive at Chinnaseeragapadi under the national Swachhata Pakhwada campaign. Approximately 50 students participated and collected 70 kg of waste, which was handed over to the local panchayat.



89. Mega health camp at Ariyankuppam

Host institution: Vinayaka Mission's College of Nursing (VMCON), Puducherry

Partner organisation(s): Government of Puducherry – Primary Health Centre (PHC), Ariyankuppam

Activity date: 27 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals

Engagement type: Joint government / community-health activity

Event report: The Department of Community Health Nursing, in association with PHC Ariyankuppam, Government of Puducherry, organised a Mega Health Camp. The camp provided essential healthcare services, health education and screening to the local community, promoting preventive and primary healthcare awareness.

90. Rabies awareness initiative – "Act Now: You, Me, Community"

Host institution: School of Allied Health Sciences (SAHS), Puducherry Campus

Partner organisation(s): Primary Health Centre (PHC), Bahour

Activity date: 29 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals

Engagement type: Joint public-health awareness activity

Event report: The Department of Medical Laboratory Technology and Public Health collaborated with PHC Bahour to organise a rabies-awareness programme. A student flash mob and skit explained dog-bite protocols, while invited experts shared information on rabies prevention. The programme highlighted community participation in rabies control.

91. State-Level Tamil Moot Court Competition 2025

Host institution: Vinayaka Mission's Law School (VMLS), Paiyanoor

Partner organisation(s): Surana & Surana International Attorneys

Activity date: 25–27 September 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Engagement type: Joint academic / professional legal engagement

Event report: VMLS, in collaboration with Surana & Surana International Attorneys, organised the State-Level Tamil Moot Court Competition at Paiyanoor. The three-day event provided law students from colleges across the state an opportunity to present arguments in Tamil before panels of senior advocates, professors and practising lawyers, strengthening advocacy skills and practical legal education.

92. World Congress of Emergency Medicine Educators (WCEME) International Conference 2025

Host institution: Aarupadai Veedu Medical College and Hospital (AVMC&H), Puducherry

Partner organisation(s): Academy of Emergency Medicine Educators (AEME)

Activity date: 25–28 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: International academic conference collaboration

Event report: AVMC&H hosted the WCEME International Conference 2025 in association with the Academy of Emergency Medicine Educators. The four-day programme included pre-conference hands-on workshops, scientific sessions, keynote lectures, panel discussions and symposia on developments in emergency medicine. The event created an academic platform for national and international educators and practitioners.

93. CME on cardiac emergencies and advances in cardiac anaesthesia

Host institution: Vinayaka Mission's Medical College and Hospital (VMMC&H), Karaikal

Partner organisation(s): Meenakshi Hospital, Thanjavur

Activity date: 30 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: Joint continuing-medical-education activity

Event report: The Department of General Medicine, VMMC&H, in collaboration with Meenakshi Hospital, Thanjavur, organised a CME programme. Specialists from Meenakshi Hospital delivered sessions on practical approaches to cardiac emergencies and advances in cardiac anaesthesia for heart surgeries, providing clinical updates and professional learning.

94. MoU for optometry clinical training, employment exposure and community eye-care programmes

Host institution: School of Allied Health Sciences (SAHS), Salem, Chennai and Puducherry campuses

Partner organisation(s): India Vision Institute

Activity date: 30 September 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Engagement type: Formal MoU / clinical education and community-health partnership

Event report: SAHS entered into an MoU with India Vision Institute. The partnership is intended to provide Optometry students with clinical training, employment exposure and opportunities to participate in free eye-screening camps for rural and economically weaker communities. It also supports free spectacle distribution, continuing education and public awareness in primary eye care.



95. Career orientation programme for student employability

Host institution: School of Arts and Science (SAS), Chennai

Partner organisation(s): Magic Bus

Activity date: 24 September 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Engagement type: Joint employability / student-development activity

Event report: The Placement Cell of the School of Arts and Science organised a Career Orientation Programme in collaboration with Magic Bus. The programme aimed to equip students with soft skills, including communication, teamwork, leadership and problem-solving, to prepare them for professional and workplace challenges.

Newsletter source: October 2025, Vol. 19, Issue 01, printed page 65.



96. Ophthalmology and general medical camps at Indira Nagar, Neyveli

Host institution: Aarupadai Veedu Medical College and Hospital (AVMC), Puducherry

Partner organisation(s): Department of Blindness Control Society (DBCS)

Activity date: 5 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Engagement type: Joint community-health activity

Event report: AVMC, in collaboration with DBCS, organised Ophthalmology Specialty and General Medical Camps at Indira Nagar, Neyveli. The camps provided eye-care services and general health consultations to the local community, supporting access to preventive and clinical services.



97. Ophthalmology specialty camp at Singarathoppu, Cuddalore

Host institution: Aarupadai Veedu Medical College and Hospital (AVMC), Puducherry

Partner organisation(s): Department of Blindness Control Society (DBCS)

Activity date: 8 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 10 – Reduced Inequalities; SDG 17 – Partnerships for the Goals

Engagement type: Joint community-health activity

Event report: AVMC, in partnership with DBCS, organised an Ophthalmology Specialty Camp at Singarathoppu, Cuddalore. The programme offered specialised eye examinations and treatment to the local population, extending vision-care services beyond the campus.



98. State-Level Intercollegiate Women's Throwball Tournament 2025

Host institution: Aarupadai Veedu Medical College and Hospital (AVMC), Puducherry

Partner organisation(s): Rotary Club of Pondicherry Marina; Pondicherry University Community College, Lawspet

Activity date: 10 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: Joint sports / institutional engagement

Event report: A team of students from the AVMC-associated campus participated in the State-Level Intercollegiate Women's Throwball Tournament organised by Rotary Club of Pondicherry Marina in collaboration with Pondicherry University Community College, Lawspet. The team won the tournament, demonstrating sporting ability, teamwork and inter-institutional engagement.



99. Mental-health awareness programme for frontline traffic personnel

Host institution: School of Allied Health Sciences (SAHS), Puducherry Campus

Partner organisation(s): Kirumampakkam Police Station / Traffic Police personnel

Activity date: 10 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Engagement type: Joint community mental-health activity

Event report: The Department of Public Health and SAHS Youth Club jointly organised a Mental Health Awareness Programme for traffic police personnel at Kirumampakkam Police Station. The programme included an address on mental well-being, an interactive session on stress-coping strategies and a demonstration of relaxation techniques. Around 30 police personnel participated.



100. 4th Rotaract Installation Programme

Host institution: Vinayaka Mission's College of Pharmacy (VMCP), Salem

Partner organisation(s): Rotary Club Salem South

Activity date: 10 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: Joint youth / community-service engagement

Event report: The NSS Unit of VMCP organised the 4th Rotaract Installation Programme in collaboration with Rotary Club Salem South at the college auditorium. The programme brought together Rotaract and institutional representatives and supported student engagement in service, leadership and community-oriented activities.



101. VMRF participation as Associate Sponsor at the 5th edition of Medclave 2025

Host institution: Vinayaka Mission's Research Foundation (Deemed to be University) – university-level

Partner organisation(s): Confederation of Indian Industry (CII)

Activity date: 11 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Engagement type: Industry / healthcare ecosystem partnership

Event report: VMRF participated as an Associate Sponsor at Medclave 2025, organised by the Confederation of Indian Industry in Chennai. The conclave brought together doctors, med-tech innovators, startups, medical universities and healthcare technology enterprises to discuss innovation and digital transformation in healthcare. VMRF representatives contributed to a panel on digital hospitals and the CII Healthcare Panel's Steering Committee.

102. Participation in Grama Sabha meetings under the Revamped Rashtriya Gram Swaraj Abhiyan

Host institution: School of Allied Health Sciences (SAHS), Salem – VIMS Hospital Campus

Partner organisation(s): State Institute of Rural Development & Panchayat Raj; District Panchayat Office, Salem

Activity date: 11 October 2025

Suggested SDG mapping: SDG 11 – Sustainable Cities and Communities; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Engagement type: Government / rural-governance engagement

Event report: The NSS Unit of SAHS participated in Grama Sabha meetings in collaboration with the State Institute of Rural Development & Panchayat Raj and the District Panchayat Office, Salem. Meetings were held across four villages in Veerapandi Block under the RRGSA framework, supporting discussion and public participation in village governance and rural development.



103. World Wildlife Week competitions on wildlife and forest conservation

Host institution: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Partner organisation(s): Tamil Nadu Forest Department

Activity date: 14 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 15 – Life on Land; SDG 17 – Partnerships for the Goals

Engagement type: Joint environmental-awareness activity

Event report: The Tamil Nadu Forest Department and the Environmental Students Club jointly organised competitions for World Wildlife Week. Painting, drawing and quiz competitions promoted awareness of forest and wildlife conservation. The programme was presided over by the Forest Range Officer, Vandalur Forest Range, Chengalpattu.



104. MoU for joint R&D, internships, industrial training and industry-aligned curriculum

Host institution: Vinayaka Mission's Research Foundation (Deemed to be University) – Salem campus

Partner organisation(s): Aerospace Engineers Pvt. Ltd., Salem

Activity date: 16 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Engagement type: Formal MoU / industry–academia partnership

Event report: VMRF (DU) signed an MoU with Aerospace Engineers Pvt. Ltd., Salem, at the Vice-Chancellor's Board Room. The agreement covers joint research and development, student internships and industrial training, industry-sponsored projects, faculty development, expert lectures, technical exchange, skill-development programmes and curriculum enhancement aligned with industry needs.



105. MoU for industry interaction, internships, placements and joint research in emerging technology areas

Host institution: Vinayaka Mission's Research Foundation (Deemed to be University) – Salem campus

Partner organisation(s): Dotcom Infoway, Madurai

Activity date: 15 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 8 – Decent Work and Economic Growth; SDG 9 – Industry, Innovation and Infrastructure; SDG 17 – Partnerships for the Goals

Engagement type: Formal MoU / industry–academia partnership

Event report: VMRF (DU) signed an MoU with Dotcom Infoway, Madurai, at the University Board Room. The collaboration provides for guest lectures, seminars and technical workshops; student and faculty training; summer internships and placement opportunities; and joint research in Artificial Intelligence, Data Science and Cybersecurity.



106. MoU for legal education, advocacy training and professional development

Host institution: Vinayaka Mission's Law School (VMLS), Paiyanoor

Partner organisation(s): Salem Bar Association; Civil and Criminal Bar Association

Activity date: 17 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Engagement type: Formal MoU / legal-professional partnership

Event report: VMLS signed an MoU with the Salem Bar Association and the Civil and Criminal Bar Association. The collaboration is intended to connect academic learning with practical legal experience and advance legal education, advocacy training and professional development for students.



107. One-day skills programme on women's entrepreneurship at adopted village Arunkundram

Host institution: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Partner organisation(s): ISR–Unnat Bharat Abhiyan (ISR-UBA); Peace Trust Skill Development Centre, Chengalpattu

Activity date: 16 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 5 – Gender Equality; SDG 8 – Decent Work and Economic Growth; SDG 17 – Partnerships for the Goals

Engagement type: Joint rural-development / livelihood-skills activity

Event report: AVIT, in collaboration with ISR-UBA, conducted a one-day skills programme at adopted village Arunkundram to foster women's entrepreneurship. Trainer Mrs. N. A. Bharathi from Peace Trust Skill Development Centre delivered hands-on sessions in candle making and paper gift-bag production. Fifteen women participated and received practical skills intended to support income generation.

108. Participation in the 3rd State-Level Clinical Evaluation (Mock Examination) in Public Health Dentistry

Host institution: Vinayaka Mission's Sankarachariyar Dental College (VMSDC), Salem

Partner organisation(s): Karpaga Vinayaga Institute of Dental Sciences; Indian Association of Public Health Dentistry – Tamil Nadu Chapter

Activity date: 16 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: Academic / professional association engagement

Event report: A VMSDC faculty member served as a panel examiner at the state-level clinical evaluation for final-year postgraduate students in Public Health Dentistry. The event was organised by Karpaga Vinayaga Institute of Dental Sciences in collaboration with the Indian Association of Public Health Dentistry – Tamil Nadu Chapter, bringing together participants from dental colleges across the state.

Newsletter source: October 2025, Vol. 19, Issue 05, printed page 5.



109. VINPATH CME 2025 on modern perspectives in hematology

Host institution: Vinayaka Mission's Kirupananda Variyar Medical College and Hospital (VMKVMC&H), Salem

Partner organisation(s): Indian Association of Pathologists and Microbiologists (IAPM), Tamil Nadu & Pondicherry Chapter

Activity date: 24 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: Joint continuing-medical-education activity

Event report: The Department of Pathology organised VINPATH CME 2025 in association with the IAPM Tamil Nadu and Pondicherry Chapter. The programme focused on modern perspectives in hematology, including histograms, leukemias and case-based discussions. Specialists from hospitals and medical institutions contributed scientific sessions, supporting professional knowledge exchange.



110. Nursing students rendered services at a government medical camp

Host institution: Vinayaka Mission's College of Nursing, Salem

Partner organisation(s): Government of Tamil Nadu – Nalam Kakkum Stalin medical camp (Veerapondy Block)

Activity date: 11 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 17 – Partnerships for the Goals

Engagement type: Government health-service engagement

Event report: Fourth-year B.Sc. Nursing students received certificates of appreciation for their services at the Nalam Kakkum Stalin Medical Camp in Veerapondy Block. The newsletter records the government camp date as 11 October 2025 and acknowledges the students' contribution to the delivery of community health services.


Department of Public Health and preventive Medicine
Salem Health Unit District
NALAM KAAKUM STALIN MEDICAL CAMP
Certificate of Appreciation

This certificate of appreciation is awarded to Vinayaka Mission's Annapoorana College of Nursing, VMRF-DU, Salem. The best Institution for their dedicated services in NALAM KAAKUM STALIN MEDICAL CAMP on 11-10-2025 at Veerapandi block.

Block Medical Officer
Upgraded Primary Health Centre
Veerapandi, Salem Dt.

111. External Sports Experts Committee Meeting to plan national and South Zone inter-university championships

Host institution: Vinayaka Mission's College of Commerce (VMCC), Chennai Campus

Partner organisation(s): Association of Indian Universities (AIU); Mallakhamb and Kabaddi associations; external university sports experts

Activity date: 10 October 2025

Suggested SDG mapping: SDG 3 – Good Health and Well-being; SDG 4 – Quality Education; SDG 17 – Partnerships for the Goals

Engagement type: Inter-university sports coordination / stakeholder partnership

Event report: The Department of Sports, VMCC, organised an External Sports Experts Committee Meeting in association with the Association of Indian Universities. Sixteen external sports experts and 16 Directors of Physical Education from universities, along with representatives of Mallakhamb and Kabaddi associations, discussed arrangements for the All India Inter-University Mallakhamb Championship and South Zone Inter-University Women's Kabaddi Tournament.



112. Invited lecture on copyright law in the age of AI and machine learning

Host institution: Vinayaka Mission's Law School (VMLS), Chennai

Partner organisation(s): Madras High Court Advocates' Association (MHAA)

Activity date: 8 October 2025

Suggested SDG mapping: SDG 4 – Quality Education; SDG 16 – Peace, Justice and Strong Institutions; SDG 17 – Partnerships for the Goals

Engagement type: Professional knowledge-sharing engagement

Event report: The Dean of VMLS delivered an invited lecture to advocates under the aegis of the Madras High Court Advocates' Association. The session examined copyright attribution and legal issues arising from the use of artificial intelligence and machine-learning technologies, supporting continuing professional dialogue between legal academia and practitioners.



113. Indian Association of Dermatologists, Venereologists and Leprologists (IADVL), Puducherry Branch

Activity: CUTICON Puducherry 2025 – regional dermatology conference organised in association with IADVL.

Activity date: 26 October 2025 **Engagement type:** Professional association / academic collaboration

Host institution: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry

Relevant SDG(s): SDG 3, SDG 4, SDG 17

Event report: The Department of Dermatology, Venereology and Leprosy of Aarupadai Veedu Medical College & Hospital (AVMC&H), in association with the IADVL Puducherry Branch, organised CUTICON Puducherry 2025. The conference brought together dermatologists, researchers and academicians from the region for scientific exchange and updates in dermatological science and clinical practice.



114. Seva Bharathi, Cuddalore District

Activity: Inauguration and flag-off of the AVMC&H Mobile Medical Unit; MoU signed.

Activity date: 3 November 2025 **Engagement type:** Formal MoU / community-health partnership

Host institution: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry

Relevant SDG(s): SDG 3, SDG 10, SDG 17

Event report: Aarupadai Veedu Medical College & Hospital (AVMC&H) inaugurated its Mobile Medical Unit established in partnership with Seva Bharathi, Cuddalore District. The unit is intended to expand healthcare access for underserved rural communities and strengthen AVMC&H's outreach services. The event was attended by the Lieutenant Governor of Puducherry, and an MoU was signed by the Dean of AVMC&H and the State President of Seva Bharathi.



115. Indian Association of Preventive and Social Medicine (IAPSM); Indian Council of Medical Research (ICMR); IAPSM Puducherry Chapter

Activity: One Health Awareness Rally from the college premises to Kottucherry Medu.

Activity date: 3 November 2025 **Engagement type:** Professional / public-health collaboration

Event report: The Department of Community Medicine organised a One Health Awareness Rally in partnership with IAPSM and ICMR, with support from the IAPSM Puducherry Chapter. Approximately 245 participants, including faculty, postgraduate students, ICMR project staff, interns, social workers and undergraduate medical students, promoted the links between human, animal and environmental health.



116. D2R Study Abroad

Activity: MoU to provide study-abroad seminars, university interactions, language workshops, career mapping and application guidance.

Activity date: 6 November 2025 **Engagement type:** Formal MoU / international education partnership

Host institution: Vinayaka Mission's Law School (VMLS), Chennai

Relevant SDG(s): SDG 4, SDG 8, SDG 17

Event report: Vinayaka Mission's Law School (VMLS), Chennai, signed an MoU with D2R Study Abroad to expand international learning opportunities for students. The partnership includes career mapping, global exposure and skill development, along with study-abroad seminars, university interaction sessions, language workshops, statement-of-purpose and résumé guidance, and soft-skills training at no additional cost.



117. HCLTech – Career Shaper™ Initiative

Activity: AI Master Class for Educators conducted by AVIT Centre for Continuing Education.

Activity date: 1 November 2025 **Engagement type:** Industry–academia training collaboration

Host institution: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Relevant SDG(s): SDG 4, SDG 9, SDG 17

Event report: The AVIT Centre for Continuing Education and HCLTech's Career Shaper initiative jointly organised an intensive AI Master Class for Educators at AVIT. Trainers from HCLTech provided practical exposure to AI tools, prompt engineering and responsible AI use. Sixty faculty members from Engineering and Management participated.



118. Kidney Health India (KHI); Vantive Health Care, Chennai

Activity: Two-day workshop and hands-on training on advanced renal dialysis techniques.

Activity date: 13–14 November 2025 **Engagement type:** Clinical training / healthcare-industry collaboration

Host institution: School of Allied Health Sciences (SAHS), Salem

Relevant SDG(s): SDG 3, SDG 4, SDG 17

Event report: The Department of Renal Dialysis Technology organised a two-day workshop and hands-on training programme in collaboration with Kidney Health India. Experts from Vantive Health Care, Chennai, led technical sessions and demonstrations on advanced haemodialysis, machine programming, vascular access care, troubleshooting, emergency protocols and continuous renal replacement therapy (CRRT), strengthening students' clinical skills.



119. District Employment and Career Guidance Office, Chengalpattu, Government of Tamil Nadu

Activity: Jointly organised employment fair connecting job seekers with approximately 70 companies and more than 5,000 vacancies.

Activity date: Date not specified in newsletter **Engagement type:** Government / employment partnership

Host institution: Aarupadai Veedu Institute of Technology (AVIT), Chennai

Relevant SDG(s): SDG 4, SDG 8, SDG 17

Event report: The District Employment and Career Guidance Office, Chengalpattu, and Aarupadai Veedu Institute of Technology (AVIT), VMRF-DU, jointly organised an employment fair. Nearly 70 companies from Chennai, Chengalpattu, Ranipet and Kanchipuram participated, offering more than 5,000 vacancies across sectors. The fair provided job aspirants from Engineering, Arts and Science, Law, Allied Health Sciences, Diploma and ITI backgrounds with opportunities to interact with recruiters.



120. HCLTech – Career Shaper

Activity: AI and Learning Management System (LMS) empowerment workshops for School of Arts and Science faculty.

Activity date: 11 November 2025 **Engagement type:** Industry–academia faculty-development collaboration

Host institution: School of Arts and Science (SAS), Chennai

Relevant SDG(s): SDG 4, SDG 9, SDG 17

Event report: HCLTech – Career Shaper conducted two workshops for School of Arts and Science faculty members. The sessions focused on the use of AI tools in academic work and improving faculty proficiency in the HCL Learning Management System. The programme supported digital teaching capability and faculty development.



121. K-KCCS India Private Limited

Activity: MoU to establish Japanese-language training, internships, placements and higher-education pathways in Japan.

Activity date: Date not specified in newsletter **Engagement type:** Formal MoU / international industry–education partnership

Host institution: Vinayaka Mission's Research Foundation (VMRF-DU), Chennai Campus

Relevant SDG(s): SDG 4, SDG 8, SDG 17

Event report: VMRF (DU) signed an MoU with K-KCCS India Private Limited to create structured pathways for Japanese-language skill development, internships in India and Japan, Japan-based employment, higher education in Japanese institutions, scholarship guidance and university-level collaborative initiatives. The newsletter does not specify the signing date.



122. ISA Law Associates, Chennai

Activity: MoU for structured student internships in corporate and commercial law.

Activity date: 18 November 2025 **Engagement type:** Formal MoU / legal-professional partnership

Host institution: Vinayaka Mission's Law School (VMLS), Chennai

Relevant SDG(s): SDG 4, SDG 8, SDG 17

Event report: Vinayaka Mission's Law School (VMLS) signed an MoU with ISA Law Associates, a Chennai-based corporate and commercial law firm. The arrangement provides

structured internships with exposure to drafting, legal research, case-law analysis, client interaction and court visits. VMLS nominates suitable students, while the firm provides mentorship, assignments and performance feedback.



123. Satwik Law, Chennai

Activity: MoU for student internships and practical exposure in intellectual property law.

Activity date: 21 November 2025 **Engagement type:** Formal MoU / legal-professional partnership

Host institution: Vinayaka Mission's Law School (VMLS), Chennai

Relevant SDG(s): SDG 4, SDG 8, SDG 17

Event report: VMLS entered into an academic–industry partnership with Satwik Law, a boutique intellectual property law firm in Chennai. The MoU provides structured internships focused on drafting, research, case-law analysis, client interaction and court exposure. Satwik Law will provide mentorship, professional guidance and performance-based feedback.



124. MapSDG, Chennai

Activity: MoU for SDG alignment, AI/OCR-based activity mapping, data collection and sustainability dashboards.

Activity date: 20 November 2025 **Engagement type:** Formal MoU / sustainability and technology partnership

Host institution: Vinayaka Mission's Research Foundation (VMRF-DU), Salem

Relevant SDG(s): SDG 4, SDG 9, SDG 17

Event report: VMRF (DU) signed an MoU with MapSDG, Chennai, to strengthen the integration of the Sustainable Development Goals across courses, curricula, research, outreach, operations and governance. The collaboration includes real-time project data collection, AI/OCR-based mapping of documents and activities to relevant SDGs, interactive dashboards, departmental analytics and public sustainability pages.



125. Magic Bus India Foundation, Salem

Activity: Career guidance programme for students on life skills, employability and career readiness.

Activity date: 25–27 November 2025 **Engagement type:** Employability / student-development partnership

Host institution: School of Allied Health Sciences (SAHS), Salem

Relevant SDG(s): SDG 4, SDG 8, SDG 10, SDG 17

Event report: The Placement Cell of the School of Allied Health Sciences organised a career guidance programme in collaboration with Magic Bus India Foundation, Salem. Trainers conducted interactive sessions on goal setting, time management, teamwork, leadership, stress management and emotional well-being. Final-year students participated and gained practical career-readiness guidance.



126. Rotary Club of Neyveli Green City

Activity: Speech and hearing screening camp at Block 1, Neyveli.

Activity date: 16 November 2025 **Engagement type:** Community-health service partnership

Host institution: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry

Relevant SDG(s): SDG 3, SDG 17

Event report: AVMC conducted a speech and hearing screening camp in collaboration with Rotary Club of Neyveli Green City at Block 1, Neyveli. Two SRBS students participated under faculty supervision. A total of 23 individuals were screened, and 20 were referred for further audiology evaluation, supporting early identification of communication-related concerns.



127. Vellore Institute of Technology (VIT)

Activity: MoU to promote interdisciplinary education, collaborative research, student enrichment and institutional exchanges.

Activity date: 1 December 2025 **Engagement type:** Formal MoU / higher-education partnership

Host institution: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry

Relevant SDG(s): SDG 4, SDG 9, SDG 17

Event report: Aarupadai Veedu Medical College & Hospital (AVMC&H), a constituent institution of VMRF-DU, entered into an MoU with Vellore Institute of Technology. The agreement seeks to promote joint academic initiatives, collaborative research partnerships, student enrichment programmes and mutually beneficial institutional exchanges.



128. Dr. Mehta's Hospital, Chennai

Activity: MoU for clinical postings, hands-on training, guest lectures, workshops and joint research for Allied Health Sciences students.

Activity date: 8 December 2025 **Engagement type:** Formal MoU / clinical-training partnership

Host institution: School of Allied Health Sciences (SAHS), Salem

Relevant SDG(s): SDG 3, SDG 4, SDG 17

Event report: The School of Allied Health Sciences, VMRF (DU), signed an MoU with Dr. Mehta's Hospital, Chennai. The partnership is intended to strengthen clinical exposure and professional development across campuses through structured clinical postings, hands-on training, guest lectures, workshops, specialised training modules, research initiatives and joint projects.



129. Pondicherry AIDS Control Society

Activity: World AIDS Day awareness rally and street play at Rock Beach, Puducherry.

Activity date: 18 December 2025 **Engagement type:** Government / public-health awareness collaboration

Host institution: School of Allied Health Sciences (SAHS), Puducherry

Relevant SDG(s): SDG 3, SDG 10, SDG 17

Event report: The Red Ribbon Club and NSS organised a World AIDS Day awareness rally and street play in collaboration with the Pondicherry AIDS Control Society. The programme promoted HIV prevention, early diagnosis, stigma reduction and social responsibility. Society representatives participated, and awareness pamphlets were distributed to the public.



130. Kidney Health India (KHI Trust)

Activity: Four-day workshop and hands-on training on advanced haemodialysis and haemodiafiltration.

Activity date: During November–December 2025; valedictory on 19 December 2025 **Engagement type:** Clinical training / healthcare partnership

Host institution: School of Allied Health Sciences (SAHS), Chennai Campus

Relevant SDG(s): SDG 3, SDG 4, SDG 17

Event report: The Department of Renal Dialysis Technology conducted a four-day workshop in collaboration with Kidney Health India. Undergraduate and postgraduate students received training in advanced dialysis techniques, haemodiafiltration practices, machine operation, patient monitoring and safety protocols. The valedictory ceremony was held on 19 December 2025, with KHI Trust representatives attending and certificates distributed.



131. Vaastu Vedic Trust (VVT), Mahabalipuram

Activity: MoU to establish the Centre for Sculpture and Architectural Heritage (CSAH) at the Chennai Campus.

Activity date: 15 December 2025 **Engagement type:** Formal MoU / heritage and cultural partnership

Host institution: School of Arts and Science (SAS), Chennai Campus, VMRF-DU

Relevant SDG(s): SDG 4, SDG 11, SDG 17

Event report: VMRF (DU) entered into a partnership with Vaastu Vedic Trust, Mahabalipuram, to establish the Centre for Sculpture and Architectural Heritage at its Chennai Campus. The MoU formalising the collaboration was signed on 15 December 2025.



132. Tamil Nadu Forest Department, Chengalpattu Range; IANATA Foundation

Activity: National Pollution Control Day awareness rally and street play.

Activity date: 17 December 2025 **Engagement type:** Environmental / community partnership

Host institution: School of Allied Health Sciences (SAHS), Chennai Campus

Relevant SDG(s): SDG 11, SDG 12, SDG 13, SDG 17

Event report: The Environmental Students Club, NSS and Youth Club of the School of Allied Health Sciences, Chennai Campus, organised an awareness rally and street play in association with the Tamil Nadu Forest Department, Chengalpattu Range, and IANATA Foundation. Nearly 200 students participated, pamphlets were distributed, and participants pledged to protect the environment.

133. D Vine Healthcare, Chennai

Activity: Medical Coding workshop for Allied Health Sciences students.

Activity date: 23 December 2025 **Engagement type:** Industry / employability training collaboration

Host institution: School of Allied Health Sciences (SAHS), Puducherry Campus

Relevant SDG(s): SDG 4, SDG 8, SDG 17

Event report: The SAHS Placement Cell organised a Medical Coding workshop in collaboration with D Vine Healthcare, Chennai. Resource persons provided practical insights into medical coding standards, industry expectations and career opportunities. Nearly 300 students participated, supporting industry awareness and career readiness.



134. Department of Women and Child Development, Karaikal

Activity: Awareness programme on prevention of child marriage for nursing students.

Activity date: 22 December 2025 **Engagement type:** Government / social-awareness partnership

Host institution: Vinayaka Mission's College of Nursing (VMCON), Karaikal

Relevant SDG(s): SDG 5, SDG 16, SDG 17

Event report: Vinayaka Mission's College of Nursing, Karaikal, organised an awareness programme in collaboration with the Department of Women and Child Development, Karaikal. Resource persons explained legal provisions, child-marriage laws, penalties and available remedies. The programme was attended by 15 faculty members and 200 students.



135. Government of Puducherry – Department of Women and Child Development

Activity: Child Marriage Free Bharat (Bal Vivah Mukt Bharat) campaign at the SAHS Seminar Hall, Kirumampakkam.

Activity date: 22 December 2025 **Engagement type:** Government / social-inclusion partnership

Host institution: School of Allied Health Sciences (SAHS), Puducherry Campus

Relevant SDG(s): SDG 5, SDG 16, SDG 17

Event report: The NSS and Gender Sensitisation Cell of the School of Allied Health Sciences, Puducherry, conducted the Child Marriage Free Bharat campaign in association with the Government of Puducherry's Department of Women and Child Development. Expert sessions addressed prevention of child marriage, legal awareness and child welfare. Students and faculty participated in pledge-taking, elocution and debate activities.



136. Tamil Nadu State Transport Corporation (TNSTC), Salem

Activity: Road Safety Awareness Programme and Exhibition Bus Showcase

Activity date: 28 November 2025

Engagement type: Government / public-safety collaboration

Host institution: School of Allied Health Sciences (SAHS), VMRF-DU, Salem Campus

Relevant SDG(s): SDG 3, SDG 11, SDG 17

Event report: The Road Safety Club of the School of Allied Health Sciences, VMRF-DU, and the Tamil Nadu State Transport Corporation, Salem, jointly organised a Road Safety Awareness Programme and Exhibition Bus Showcase on the college campus. Road Safety Trainer Mrs. Sankar M. and Driving Instructor Mr. P. Maadhu addressed students on responsible driving, traffic regulations and preventive safety measures. The exhibition bus provided practical exposure to road-safety mechanisms, emergency handling and safe commuting practices.



137. Sevabharathi NGO

Activity: General Medical Camp for Karthikai Deepam 2025 devotees at Thiruvannamalai

Activity date: 2–3 December 2025

Engagement type: NGO / community-health service partnership

Host institution: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry

Relevant SDG(s): SDG 3, SDG 10, SDG 17

Event report: Aarupadai Veedu Medical College & Hospital (AVMC&H) organised a general medical camp at Thiruvannamalai as part of the Karthikai Deepam Volunteering Programme, in collaboration with Sevabharathi NGO and with approval from the District Collector. Sevabharathi supported the activity through food, accommodation and ambulance services. The AVMC&H medical team screened and attended to 74 beneficiaries, including adults, children and women, providing medical assessment and treatment during the festival.



138. Tamil Nadu AIDS Control Society; Indian Red Cross Society, Chengalpattu District

Activity: World AIDS Day awareness rally from Rattinakinaru Bus Stop to Government Medical College & Hospital, Chengalpattu

Activity date: 9 December 2025

Engagement type: Government / public-health awareness collaboration

Host institution: School of Allied Health Sciences (SAHS), VMRF-DU, Chennai Campus

Relevant SDG(s): SDG 3, SDG 10, SDG 17

Event report: The Youth Red Cross and National Service Scheme of the School of Allied Health Sciences, Chennai Campus, organised a World AIDS Day awareness rally in collaboration with the Tamil Nadu AIDS Control Society and the Indian Red Cross Society, Chengalpattu District. Approximately 200 students participated, carrying placards and posters to

promote HIV prevention, early diagnosis, stigma reduction and public awareness. The rally was flagged off by the District Programme Officer, DAPCU.



139. Tamil Nadu AIDS Control Society; Integrated Counselling and Testing Centre (ICTC) team

Activity: HIV awareness lecture and free health check-up / HIV testing camp

Activity date: 9 December 2025

Engagement type: Government / public-health service collaboration

Host institution: School of Allied Health Sciences (SAHS), VMRF-DU, Chennai Campus

Relevant SDG(s): SDG 3, SDG 10, SDG 17

Event report: The Youth Red Cross and National Service Scheme of the School of Allied Health Sciences, Chennai Campus, conducted an HIV awareness lecture followed by a free health check-up camp in association with the Tamil Nadu AIDS Control Society and the ICTC team. The session addressed HIV transmission, prevention and the importance of early testing. The ICTC team provided free HIV testing and general health check-ups, helping promote informed health-seeking behaviour and reduce fear and stigma.



140. Department of Blindness Control Society (DBCS), Government of Puducherry

Activity: Ophthalmology specialty camp and general medical camp at Thorapadi, Panruti

Activity date: 20 December 2025

Engagement type: Government / community-health outreach partnership

Host institution: Aarupadai Veedu Medical College & Hospital (AVMC&H), Puducherry

Relevant SDG(s): SDG 3, SDG 10, SDG 17

Event report: Aarupadai Veedu Medical College & Hospital (AVMC&H), jointly with the Department of Blindness Control Society (DBCS), Government of Puducherry, conducted an ophthalmology specialty camp along with a general medical camp at Thorapadi, Panruti. The activity extended eye-care services, general medical assessment and health guidance to the local community, supporting access to preventive and primary healthcare.



***

List of VMRF (DU) Publications Made on SDG-17 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
1	Simonthomas S.; Balakrishnan S.; Shantha Shalini K.; Alex S.; Jayasuthan J.; Ganesh B.S.	Enhancing Smart Grid Performance with LSTM-Based Real-Time State Monitoring and Prediction	2025	2025 IEEE 1st International Conference on Innovations in Engineering and Next-Generation Technologies for Sustainability, ICINVENTS 2025	10.1109/ICINVENTS64613.2025.11401388	Scopus
2	Kanagaraj K.; Karuppanan K.; Nangan S.	Carbon-based nanomaterials from plant extracts and other bioresources in hydrogen storage applications	2025	Nanostructured Carbon Materials from Plant Extracts: Synthesis, Characterization, and Applications	10.1016/B978-0-323-95126-5.00009-3	Scopus
3	Jennifer H.G.; Indra S.	Street pulse: Unveiling the health mosaic - exploring physical health, mental wellness, and quality of life among street vendors	2025	Journal of Education and Health Promotion	10.4103/jehp.jehp_799_24	Scopus
4	Subaveerapandiyan A.; Kalbande D.; Ahmad N.	Managing retracted articles: Awareness and responsibilities of library professionals	2025	Journal of Information Science	10.1177/01655515251389164	Scopus
5	Palraj K.; Divahar R.; Sangeetha S.P.	Green phase change materials for sustainable buildings: A pathway to low-carbon thermal management	2025	Journal of Energy Storage	10.1016/j.est.2025.118953	Scopus
6	Prasanth C.; Joseph T.J.; Gopakumar K.U.	The impact of changes in fiscal and monetary policies on debt sustainability: a macroeconometric model with debt sustainability indicators	2025	Journal of Social and Economic Development	10.1007/s40847-025-00460-x	Scopus
7	Shimray S.R.; Subaveerapandiyan A.	AI and workforce dynamics: a bibliometric analysis of job creation, displacement and reskilling	2025	Global Knowledge, Memory and Communication	10.1108/GKMC-12-2024-0824	Scopus
8	Sujatha V.; Kamaja R.; Arun R.; Kavitha U.; Senthilkumar S.; Sujatha S.	Integration of IoT and RNN Models for Predictive Climate Regulation in Vertical Farming	2025	2025 2nd Asia Pacific Conference on Innovation in Technology, APCIT 2025	10.1109/APCIT65661.2025.11410767	Scopus
9	Balasubramaniam A.; Baskar V.V.; Jawahar Rani K.; Bhuvaanesh Ravikaruna Moorthy B.S.; Suresh M.; Murugan S.	Feedforward Neural Network for Temperature Forecasting in Smart Agriculture and Energy Planning	2025	2025 3rd World Conference on Communication and Computing, WCONF 2025	10.1109/WCONF64849.2025.11233741	Scopus
10	Dilli Ganesh V.; Keer P.K.; Reshma P.; Saranya S.; Krishna B.R.; Dwibedi R.K.	Deep Learning Based Precision Agriculture System for Automated Crop Disease Detection and Classification Using Drone Imagery	2025	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025	10.1109/ICAAIC64647.2025.11330335	Scopus
11	Rajesh M.; Sitharthan R.	Enhanced Edge Computing for Digital Twin Applications in Energy-Intensive Industrial Systems	2025	IEEE Power Electronics Magazine	10.1109/MPEL.2025.3624984	Scopus

List of VMRF (DU) Publications Made on SDG-17 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
12	Murugan S.K.; Rede G.D.; Baskaran T.L.; Kumari P.; Nuta A.C.	DETERMINANTS OF SOLAR WATER PUMPING SYSTEM ADOPTION AMONG FARMERS: A FACTOR ANALYSIS APPROACH	2025	Journal Of Economic Sciences: Theory And Practice	10.30546/jestp.2025.82.02.2016	Scopus
13	Murugan S.K.; Kumari P.; Baskaran T.L.; Dimen L.; Nuta A.C.	Comparative Economic Impact of Green Energy Investments: Evidence from India, USA, Germany, and Denmark	2025	Energies	10.3390/en18143626	Scopus
14	Sankaranarayanan N.; Gayathiri E.; Nagarajan P.; Patil S.J.; Prakash P.	Ethical issues and safety features of nanomaterials in food packaging	2025	Nanotechnology in Food Packaging	10.1007/978-3-031-82399-2_7	Scopus
15	Poornima P.; Boopathy K.	Experimental Investigation and Development of Fuzzy Logic-Based MPPT for Photovoltaic Systems Across Varied Climatic Conditions	2025	Engineering Access	10.14456/mijet.2025.23	Scopus
16	Shivakumar G.S.; Vijayan D.S.	Exploring the Potential of Sea Shell Powder as a Phase Change Material	2025	Lecture Notes in Civil Engineering	10.1007/978-981-95-2266-8_20	Scopus
17	Lenka R.K.; Selvakumari P.J.; Homavazir Z.; Jayakumar S.S.; Wani T.A.; Kalia A.; Sanjeevi T.	Genomic Surveillance in Infectious Disease Control: Opportunities and Challenges	2025	Genetics and Molecular Research	10.4238/s5pt8h98	Scopus
18	Gayathri P.; Balamurugan J.; Gowthami M.; Usha R.; Karthick R.; Senthamil Selvan R.	Factors influencing customers' inclination to buy green products: An indian perspective	2025	Elevating Brand Loyalty With Optimized Marketing Analytics and AI	10.4018/979-8-3693-9954-5.ch009	Scopus
19	Palraj K.; Ravi D.; Sreekumar Prabha S.	Sustainable Green Phase Change Materials: A Comprehensive Review of Thermal Energy Storage	2025	Lecture Notes in Civil Engineering	10.1007/978-981-95-2266-8_62	Scopus
20	Safare R.; Nirupama E.; Kunnathully K.; Ranjithkumar A.; Aradhya S.G.B.; Selvakumar P.; Manjunath T.C.	Environmental Diplomacy and Cross-Border Negotiations	2025	Cross-Border Cooperation in the Age of Climate Change	10.4018/979-8-3373-3972-6.ch009	Scopus
21	Mohammad R.E.A.; Veerasingam S.; Suresh G.; Rajendran S.; Sadasivuni K.K.; Ghani S.; Al-Khayat F.	Tackling environmental radionuclides contamination: A systematic review of chemical, biological, and physical remediation strategies	2025	Chemical Engineering Journal Advances	10.1016/j.ceja.2025.100802	Scopus
22	Balakrishnan S.; Sunil Kumar R.M.; Simonthomas S.	Challenges and Future Directions	2025	Engineering the Circular Economy: Leveraging Fuzzy Logic for Implementation	10.1201/9781003538837-12	Scopus
23	Singh S.	Public–private partnership to end tuberculosis: challenges and opportunities	2025	International Journal for Equity in Health	10.1186/s12939-025-02516-0	Scopus
24	Gunaseelan R.J.; Raj A.; Nagarajan P.; Perumal S.; Kumar J.; Patil S.J.	Biotechnological Phytochemical Synthesis: Innovations, Challenges, Advantages, Implications	2025	Interdisciplinary Biotechnological Advances	10.1007/978-981-96-2790-5_3	Scopus

List of VMRF (DU) Publications Made on SDG-17 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
25	Mohanan A.S.; Rajasekaran K.; Manickam N.; Vellaisamy S.G.; Gopalan K.	Therapeutic Advances, Diagnostic Innovations, and Strategic Priorities for Global Scabies Control: An Integrative Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.20 26111	Scopus
26	Subaveerapandiyan A.; Suqlain S.; Kalbande D.; Kataria S.	Awareness and perceptions of diamond Open Access (DOA) among library professionals in Pakistan	2025	Journal of Electronic Resources Librarianship	10.1080/1941126X.202 5.2500216	Scopus
27	Rangegowda R.; Makhija H.; Mary Praveena J.; Swain D.K.; Malathi H.; Sree D.V.; Singh S.	Development of Predictive Models Using Applied Statistics for Crop Yield Optimization	2025	Genetics and Molecular Research	10.4238/qkwm5305	Scopus
28	Veeranjaneyulu I.; Radhamani K.; Saranya S.; Shankar B.; Tamilselvam M.; Venkatachalam S.	The Future Role of Artificial Intelligence and Internet of Things Smart Green Homes Buildings	2025	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025	10.1109/ICFTS62006.2 025.11032033	Scopus
29	Sharmila C.; Baiju B.V.; Gino Sophia S.G.; Saranya S.; Suresh P.; Kirubha D.	Artificial intelligence framework for ISTAR missions in tactical networks using autonomous vehicles	2025	Battery-Free Sensor Networks for Sustainable Next-Generation IoT Connectivity	10.4018/979-8-3693-7600-3.ch013	Scopus
30	Sivakumar R.; Singh K.; Nishok V.S.; Barshe S.B.; Pokkuluri K.S.; Srihari T.; Hariram V.; Mohapatra M.R.	Urban Air Quality Monitoring System Enhanced by IoT for Comprehensive Deployment, Data Collection, and Environmental Impact Analysis	2025	WSEAS Transactions on Environment and Development	10.37394/232015.2025. 21.33	Scopus
31	Sharma T.; Jabez J.; Agarwal V.; Sachdeva A.; Velvizhi K.; Kaur A.	MANAGEMENT OF INTELLECTUAL PROPERTY IN AI-GENERATED ARTWORKS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6. i2s.2025.6742	Scopus
32	Jadhav R.K.; Traisa R.; Farooqui Y.; Mary V.S.; Nanda S.; Sohal J.	MANAGEMENT ETHICS IN THE AI-ART ECOSYSTEM	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6. i1s.2025.6680	Scopus
33	ASPVS S.; Vetrivel V.N.; Priyadarshini T.; Subramanyam K.; Hashiguchi N.; Balaji S.	Striking the balance: A deep dive into wellness and work-life harmony in orthopaedic education – A comprehensive review	2025	Journal of Clinical Orthopaedics and Trauma	10.1016/j.jcot.2025.103 184	Scopus
34	Putra R.S.; Juneja B.; Kumari H.; Kaushik N.; Dwibedi R.K.; Rawat K.; Barkade S.S.	AUGMENTED REALITY AND AI IN PUBLIC ART MANAGEMENT	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6. i5s.2025.6924	Scopus
35	Parvathy P.R.; Vaidehi V.; Nisha K.; Mahesh A.; Ganesan R.; Arunagiri B.	Efficient Fertilizer Variable Rate Management Using Gradient Boosting Machines and Cloud Technology	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2 025.11089270	Scopus

List of VMRF (DU) Publications Made on SDG-17 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
36	Balakrishnan S.; Simonthomas S.; Kumar S.S.; Rao K.S.; Kannan M.M.	Optimizing Smart Grid Performance through Real-Time State Estimation and Forecasting using Deep Learning based LSTM Models	2025	2025 IEEE 2nd International Conference on Green Industrial Electronics and Sustainable Technologies, GIEST 2025	10.1109/GIEST66547.2025.11387390	Scopus
37	Limaye T.; Prasad D.; Rampal S.; Kumaran P.; Vyshnavi A.; Sidhu J.; Alone P.A.	GENERATIVE DESIGN IN 3D PRINTING EDUCATION	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i3s.2025.6765	Scopus
38	Saranya R.; Jansi K.R.; Gowthami M.; Priya N.; GaneshBabu T.R.; Murugan S.	Autonomous Voltage Stabilization in Hybrid Energy Grids with Reinforcement Learning	2025	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025	10.1109/ICTMIM65579.2025.10988209	Scopus
39	Chandra S.; Bhutani M.; Chethana C.; Ramaratnam M.S.; Misra D.; Kaur R.	Forecasting the Future: The Role of Digital Transformation in the Evolution of Industry 5.0 in Developing Economies	2025	Lecture Notes in Networks and Systems	10.1007/978-981-96-7707-8_21	Scopus
40	S G.S.M.	Against the current: Addressing climate-induced health disparities in India's transgender community	2025	Science Talks	10.1016/j.sctalk.2025.100473	Scopus
41	Arulnangai R.; Muralitharan G.; Thabassoom H.A.; Ganesamoorthy R.; Thirugnanasambandham K.; Parameswari R.	Assessment of the adequacy of groundwater quality for residential and irrigation applications in India	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101229	Scopus
42	Reddy A.R.S.; Nagaraja Rao P.P.; Gopinath V.; Tikhe K.; Ajai Kumar E.; Thangadurai N.	Integrating UAV and IoT Technologies for Precision Agriculture: Efficient Seed Dropping, Fertilization, and Pest Control	2025	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025	10.1109/I2ITCON65200.2025.11210451	Scopus
43	Singh P.; Makhija H.; Joshi C.; Balakrishnan S.; Singh H.; Anerao P.	MANAGEMENT OF ONLINE ART EDUCATION PLATFORMS	2025	ShodhKosh: Journal of Visual and Performing Arts	10.29121/shodhkosh.v6.i5s.2025.6881	Scopus
44	Malaiyappan P.; Aswathy P.T.; Arul V.; Mohan J.	Transforming Global Health: Evidence-Based Intervention and Strategies for Communicable Disease Control – A Review	2025	Journal of Communicable Diseases	10.24321/0019.5138.202586	Scopus
45	Essaki Raj R.; Thiyagesan M.; Saradha Devi A.; Suresh T.D.; Sankara Kumar S.; Vanitha R.	MISO SEPIC for Enhanced Efficiency in Renewable Energy Systems Using AIML Algorithms	2025	Proceedings of the 2025 11th International Conference on Communication and Signal Processing, ICCSP 2025	10.1109/ICCSP64183.2025.11088465	Scopus
46	Malaiyappan P.; Ramya E.D.; Arul V.; Ganesan G.	Dengue Fever: A Rare Perspective and Emerging Strategies for Sustainable Global Control	2025	Journal of Communicable Diseases	10.24321/0019.5138.202536	Scopus

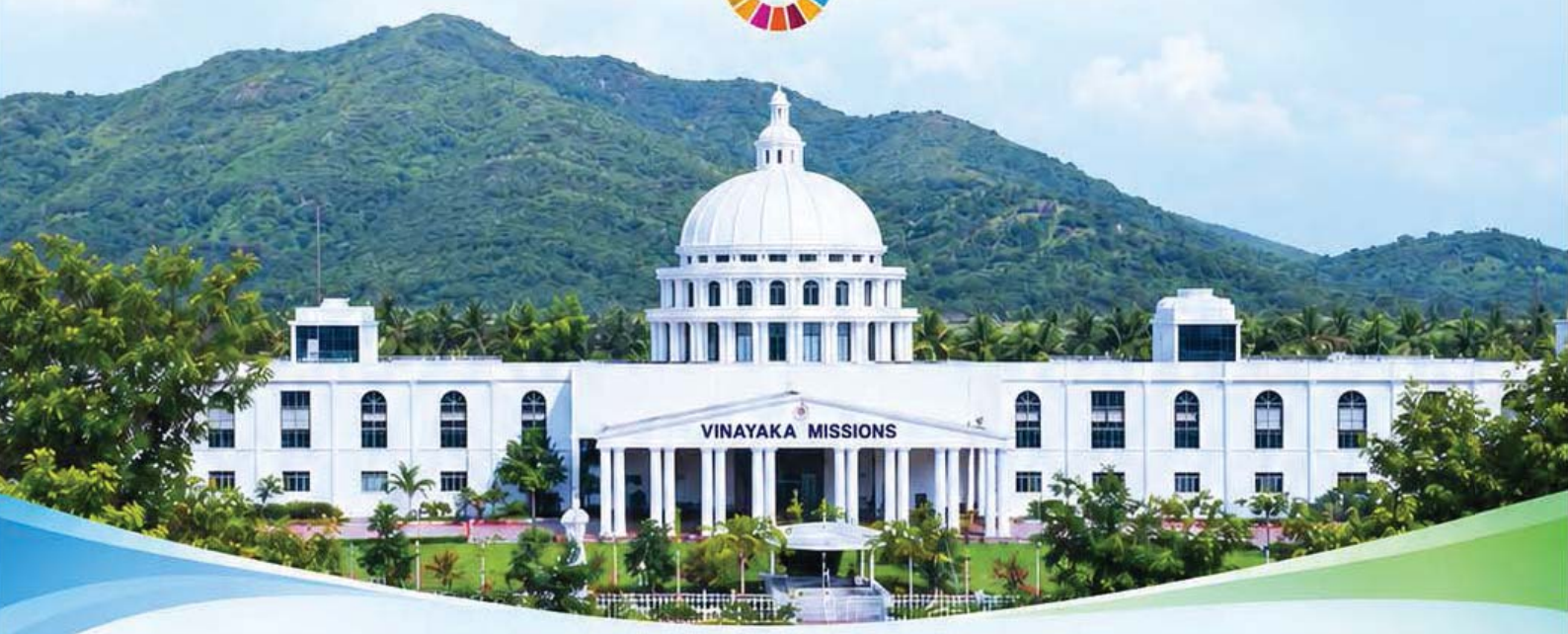
List of VMRF (DU) Publications Made on SDG-17 in the Year 2025

S.No	Authors	Title	Year	Source title	DOI	Source
47	Gowrishankar R.; Sithar Selvam P.M.; Narayana K.S.; Raja T.; Gokul R.; Mayakannan S.	Design and Optimization of a Biocompatible Polyethylene Composite with Nelumbo Nucifera Fiber and Nano-banana Peel Filler for Sustainable Environmental Applications	2025	Journal of Environmental Nanotechnology	10.13074/jent.2025.03.24410	Scopus
48	Michael B.S.; Krishnamoorthi S.; Prakash S.; Gokul T.; Khan S.M.R.	Waste Plastic Derived Diesel - An Experimental Investigation - Enhancing Engine Performance and Reducing Emissions Through Thermal Barrier Coatings	2025	Indian Journal of Environmental Protection		Scopus

VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)

Annual Report on Sustainable Development Goals (SDGs)

VMRF (DU)





People | Education | Research | Healthcare | Innovation | Partnerships
for a Sustainable and Inclusive Future

Vinayaka Mission's Research Foundation
(Deemed to be University)
NH-47, Sankari Main Road, Ariyanoor,
Salem – 636 308, Tamil Nadu, India.

+91 427 2529700
vmtrust@vmu.edu.in
www.vmrfdu.edu.in