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

ADVANCING THE 2030 AGENDA

ANNUAL SUSTAINABLE DEVELOPMENT GOALS REPORT

2025

SUSTAINABLE DEVELOPMENT GOALS

17 GOALS ONE SHARED FUTURE


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.






அருள்மிகு இராமலிங்க சுவாமிகள்
சமரச சன்மார்க்க அறக்கட்டளை


அருட்பெருஞ்ஜோதி 09.08.18 சித்திரம்பலம் 09.08.18 அருட்பெருஞ்ஜோதி
தனிப்பெருங்கருணை
இன்று உணவளித்தம் புனனியர்கள்
சேலம் விநாயகா மிஷன்ஸ் ஸ்கூல் நிலை
பள்ளைகளுக்கு இனை வேந்தர்
டத்தோ ஸ்ரீ Dr. S.சரவணன் மற்றும் அவரு
மகன் ஸ்ரீ S.S. தேஷ்குல் திருஜ்ஜின்
ஆகியோரது பிறந்த நாளை முன்னிட்டு
எல்லா உயிர்களும் இன்புற்று வாழ்க அன்னதானம்













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.



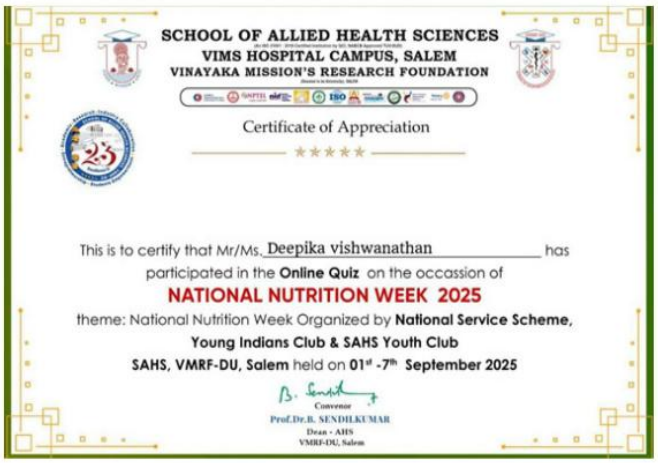
Nutrition Week awareness programme for school students.

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.B. 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.



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

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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

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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

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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