



Republic Day

Celebrations 26th January

On the occasion of 75th Republic Day, Dr. Hemalatha, Director, unfurled the tricolour national flag. Addressing the staff, she elucidated the great strides in science made by our country and the Indian

Council of Medical Research. She presented certificates to those who completed PhD and distributed prizes to the winners of various competitions. Dr. P. Uday Kumar, Scientist G & HoD, Pathology Division, Dr. Bhanuprakash Reddy, Scientist G & HoD, Biochemistry Division, Dr. J. J. Babu, Scientist G & HoD, Clinical Epidemiology Division, Ms. Parassacty, SAO, scientists, technical staff and PhD students also participated in the event.



NEW YEAR 2024 CELEBRATIONS- Messages by DG, ICMR and Director, NIN



Dr. Rajiv Bahl, Secretary to the Government of India, Department of Health Research and DG, ICMR addressed all the scientists and staff virtually on the occasion of New Year (1st Jan).



Dr. Hemalatha R, Director, ICMR-NIN addressed all the staff including Scientists, Technical Officers, and Technical Assistants on the occasion of New Year (1st Jan).

SPECIAL EVENT: Dr. Yellapragada SubbaRow Birthday Celebrations

Dr. Yellapragada SubbaRow birthday celebrations were held at Dr. YSR Academic Block by lighting the lamp and garlanding the statue by Dr. Hemalatha R, Director. Earlier, Dr. M. Maheshwar, Scientist E & HOD, Extension & Training Division-MYAS, welcomed all. Dr. C. Suresh, Scientist F & HOD, Cell Biology Division & Convener of the MSc Curriculum Committee also spoke on the occasion (12th Jan). Staff of the ET Division, MYAS and MSc students also participated.



DIET AND BIOMARKER STUDY-INDIA (DABS-I)



MEETINGS/CONFERENCES/WEBINARS ORGANIZED/PARTICIPATED

Dr. Sai Ram Challa, Dr. Raja Sriswan Mamidi and Dr. Naveen Kumar conducted a half-day workshop on 'Balanced diet and food safety for school children' at ICMR-NIN for newly recruited catering assistants of JNVs Under NVS Hyderabad/Pune Regions (9th Jan).



The annual inspection of Institutional Animal Ethics Committee Meeting was held on 2nd Jan at NIN Animal Facility.



Dr. HEMALATHA R, DIRECTOR

- Addressed the pensioners on the occasion of New Year (1st Jan).
- Attended Institutional Animal Ethical Committee Meeting at ICMR-NIN (2nd Jan).
- Attended a meeting of the Committee to fix/recommend cut off marks for Technical Cadre posts (2nd Jan).
- Attended DABS-I meeting with Data Management and Analysis Committee (4th Jan).
- Took part in a meeting of the Committee to finalise the selection of suitable candidates for various technical posts (9th Jan).
- Attended ICMR Expert Committee meeting for annual review of the DABS-I project (11th Jan).
- Attended DABS-I Biomarkers Analysis inauguration (12th Jan).
- Launched Mapping & Exchange Good Practices (MEGP) Compendium for Millets Mainstreaming in Asian and African countries (12th Jan).
- Attended ICMR - Experts meeting with NIN to discuss field related issues of DABS-I study (16th Jan).
- Attended a meeting with Dr. Driпти Dev, University of Nebraska, regarding collaboration on Childhood obesity prevention (16th Jan).
- Attended a meeting with Ms. Meetu Kapur, Former Food Authority Member & Executive Director, CII regarding understanding of recent research on Diets and Biomarker, and other new/emerging findings related to child and maternal health and nutrition (16th Jan).
- Delivered a talk virtually as part of IFNH lunch time seminar series – University of Reading, UK (19th Jan).
- Attended 2nd Meeting of the National Steering Committee to review the DABS-I study progress (23rd Jan).
- Delivered an inaugural address at the Multi-stakeholder Workshop on Nutrition Atlas 2.0, organized by NICHE Division, ICMR-NIN (24th Jan).
- Attended 37th Regional Conference for Asia and the Pacific – National Consultation, organised by Food and Agriculture Organization of the United Nations, New Delhi (25th Jan).
- Attended a meeting on Revision of Chapters of Text Book of Human Nutrition (29th Jan).
- Attended a virtual meeting for speaker collaboration for the campaign 'Importance of Morning Nutrition' (30th Jan).
- Attended a meeting virtually to review nutrition course content, organised by IFPRI (30th Jan).
- Attended a meeting of Senior Management Team (SMT) with ICMR officials and all the Directors of ICMR Institutes, organized by the office of the DG, ICMR (31st Jan).

Dr. G. BHANUPRAKASH REDDY

- Participated in the Vishwa Swasthyam 2024: International Conference on Integrative Global Health, Mumbai, and delivered a plenary lecture on 'Micronutrients and prediabetes' (6th -7th Jan).

Dr. SUBBARAO M GAVARAVARAPU

- Invited as a Jury Member for Sadhan RND – Nutrition and Dietetics Awards 2024 at ICMR-NIN, Hyderabad (10th Jan).
- Invited as a speaker on 'From Compliance to Consumer Confidence: Importance of Mitigating Risks in Food Mislabelling' in an online educational video series being brought out by Label Blind, Mumbai (16th Jan).
- Participated online as an invited expert and panellist in the Two-day Conclave and Consultation on 'Dynamics & Aspects of Public Health Communication in India' organised by Manipal Institute of Communication, Manipal Academy of Higher Education (MAHE) (19-20 Jan).
- Organised the Multi-stakeholder brainstorming session on Nutrition Atlas 2.0, a web application being brought out by NIN (24th Jan).
- Invited as a resource person to deliver a talk on Nutrition and Food Safety in our daily lives at National Remote Sensing Centre (NRSC), ISRO, Hyderabad (30th Jan).

Dr. P. RAGHAVENDRA

- Invited as a guest speaker for an online session on 'Adolescent Health and Nutrition' organised by AIIMS, Mangalagiri and UNICEF for primary health care workers and the SAKHI group under the WCD department, Vizianagaram district, Andhra Pradesh. More than 500 people attended the session.

VISIT

Visit of Prof. S. P. Singh Baghel, Hon'ble Minister of State, Ministry of Health and Family Welfare, Govt. of India to MRHRU Chandragiri, Tirupati. Dr. J.J. Babu Geddam, Scientist G, ICMR-NIN & Coordinator of MRHRU received the Minister & briefed him about the activities (3rd Jan).



NIKSHYA MITRA PROGRAMME FOR TB PATIENTS

Under the leadership of Dr. Hemalatha R, Director of ICMR-NIN, an event was organised on 25th Jan at Uppal TB Center to facilitate the adoption of TB patients through the Nikshya Mitra program, as part of the Pradhan Mantri TB Mukta Bharat Abhiyan. The aim was to offer support to individuals undergoing TB treatment. During the event, nutrition kits containing essential items such as oil packets, cereals, pulses, groundnuts, and other nutrients were distributed to 22 TB patients. The gathering included the entire staff of Uppal TB Center, with Dr. J.J. Babu Geddam, Scientist-G & Head, Clinical Epidemiology Division, as the Chief Guest. Dr. B. Santosh Kumar, Scientist-D specializing in Maternal and Child Health Nutrition, Mr. S. Laxman, Technical Officer and Nodal Officer, Dr. Soundarya Latha, Medical Officer, Mr. Boga Prakash, Supervisor, Ms. Sibmathulla, Community Health Officer, and Dr. S. Shashidhar Reddy, Senior Treatment Officer. Dr. B. Santosh Kumar coordinated the program.



EXTENSION ACTIVITY

As a part of outreach program, staff of Extension and Training Division, in collaboration with the members of Ananta Ananda Trust (NGO), organised a nutrition awareness program at Zilla Parishad High School, Bowenpally, Hyderabad on 24th January. The program aimed to raise awareness among 9th and 10th grade students about the importance of eating healthy and embracing an active lifestyle for a holistic development. As a part of the initiative, the school management received pamphlets and "My Plate for the Day" poster, reinforcing the significance of a balanced diet and physical activity.



HYDERABAD LITERARY FESTIVAL – 2024

Extension Division, MYAS staff and MSc. Sports Nutrition students participated in the Hyderabad Literary Festival - 2024 held at Sattva Knowledge City on 28th January. For the first time, science was an added focus in this literary event. Various research institutes were invited to address scientific developments in their stream. The ICMR-NIN team put-up a stall with interactive games along with a display of nutritional education material developed by the Institute. In addition, participants showed keen interest in knowing their body fat percentage and body composition analysed by our advanced Bioimpedance device. A portable indirect calorimetry method was demonstrated for estimation of energy requirement and substrate utilization. Faculty of MYAS & ET Division Dr. Venkatesh, Scientist E, Dr. V. Chennakeshavulu, Project Teaching Associate, Ms. Vahini, Project Scientist B, Ms. A. Naga Jyothi, Project Teaching Assistant, students Ms. Vaishnavi, Ms. Likitha, Ms. Meghana and Mr. Ganesh were appreciated for making this event a grand success.



PAPERS PUBLISHED/ ACCEPTED FOR PUBLICATION

- Banerjee P, Chatterjee M, Panda H, Varanasi B and Gavaravarapu SRM* “Fitness-bands as self-motivation tools to promote dietary habits and physical activity - A study on users' perceptions and pairing their usage with nutri-guidance” *Journal of Content, Community and Communication* Vol 19 (Doi - 10.31620/JCCC.12.23/06)
- Basak, S.; Hridayanka, K.S.N.; Duttaroy, A.K. Bioactives and their roles in bone metabolism of osteoarthritis: evidence and mechanisms on gut-bone axis. *Front Immunol* 2024, 14, 1323233, doi:10.3389/fimmu.2023.1323233. (IF 7.3)
- KK Kalahasti, CU Kumar, M Nagaraju, JM Petrash, SS Reddy, GB Reddy. Mitigation of lens opacification by a functional food in a diabetic rodent model. *Chem Biol Interact* 2024 Jan 23; 390:110889. PMID: 38272248
- D Kavitate, S Tiwari, PB Devi, IA Shah, GB Reddy*, PH Shetty*. Production, purification, and functional characterization of glucan exopolysaccharide produced by *Enterococcus hirae* strain OL616073 of fermented food origin. *Int J Biol Macromol* 2024 Jan 2; 259:129105. PMID: 38176508
- Naveen Kumar R, Ashok Selvaraj, Tamilzhalagan Sembulingam, Virendra Panpatil, Kaliaperumal Venkatesh, S.D.G. Gowthami, Uday Kumar Putha, Uma Devi Ranganathan, Hemalatha Rajkumar, Sudip Ghosh, Ramalingam Bethunaickan. Whole genome sequencing of bacteriophage NINP13076 isolated against *Salmonella enteritidis*. *Ecological Genetics and Genomics* Volume 30, March 2024, 100223

JOURNAL CLUB



Mr. Soumya Ranjan Pradhan

UGC-SRF, Dietetics Division delivered his PhD plan & progress presentation on “Development of Database on macronutrients and minerals content in commonly consumed ready-to-eat composite foods” (25th Jan).

Ms. Shreyas Elma Mathew

UGC-SRF, Dietetics Division delivered her PhD plan & progress presentation on “Nutritional quality, prebiotic potential, and other health benefits of raffinose family oligosaccharides of Bengal gram (*Cicer arietinum* L)” (25th Jan).



STAFF NEWS

Awards

We congratulate **Mr. SAIKANTH VARMA**, working under Dr. Sanjay Basak, Molecular Biology Division, on conferred the Best Research Scholar Prize in 2024 on the occasion of 75th Republic Day celebration at ICMR-National Institute of Nutrition (26th Jan).

Retirement

We bid farewell to **Mr. D. MADHAVA REDDY**, Laboratory Assistant-1 on the eve of his retirement on attaining superannuation.



व्यथा का निवारण के लिए अभ्यावेदन की भाषाएं:

Languages to be used in the representation for redressal of grievance:

अनुच्छेद 350: किसी शिकायत के निवारण के लिए संघ या राज्य के किसी पदाधिकारी को, यथास्थिति, संघ में या राज्य में प्रयोग होने वाली किसी भाषा में अभ्यावेदन देने का, प्रत्येक व्यक्ति को हक होगा.

Article 350: Every person shall be entitled to submit a representation for the redressal of any grievance to any officer or authority of the Union or a State in any of the languages used in the Union or in the State, as the case may be.