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INDIAN COUNCIL OF
MEDICAL RESEARCH
NIN
NATIONAL INSTITUTE
OF NUTRITION

रा.पो.सं. मासिक सूचना-पत्र

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EDUCATION FOR EFFECTIVE NUTRITION IN ACTION (ENACT)

ICMR-NIN and FAO are jointly working on the Education for Effective Nutrition in Action (ENACT) programme. To this effect, officials from the FAO met with the Director, and the Head of the Extension and Training Division to finalise and discuss the Letter of Agreement. The deliberations were productive, and the modalities of cooperation were discussed to facilitate the smooth running of the programme.



NIKSHAY MITRA PROGRAMME FOR TB PATIENTS

Under the guidance of Dr. Bharati Kulkarni, Director, ICMR-NIN, nutrition kits were provided to 22 TB patients at Uppal TB Centre on February 21, 2025, under the *Nikshay Mitra* programme. The kits included basic foodstuffs like rice, dals, oils, and other nutritional provisions with a view to enhancing the nutritional status of the patients by supplementing them with sufficient proteins, vitamins, and essential micronutrients. The programme was joined by Dr. Sai Ram Challa, Scientist-E, MCH Nutrition; Dr. Santosh Kumar B, Scientist-D, MCH Nutrition; Dr. Sapavat Shankar, Scientist-B, Public Health Nutrition; and S. Laxman, Technical Officer-C.



RECOGNITIONS/PARTICIPATION IN MEETINGS/PROGRAMMES

Dr. BHARATI KULKARNI, Director

- Participated in ICMR-CAR Project meeting on “Normative baseline characterization of body composition and metabolic parameters to assess growth and development in children: A multi-site study on the impact of malnutrition” organized by Tata Institute of Fundamental Research (TIFR) Hyderabad (3rd Feb).
- Participated in a meeting for Diet Plan for Indo-Tibetan Border Police (ITBP) Force organized by Commandant ITBP Academy, Mussoorie (3rd Feb).
- Took part in a meeting to discuss potential areas of collaboration with Bill & Melinda Gates Foundation (10th Feb).
- Participated in a meeting of the Committee for preparation of nutrient conversion table and related tasks, organized by Ministry of Statistics and Programme Implementation (MoSPI), National Statistics Office, Kolkata (14th Feb).
- Attended a meeting with Indian Council for Research on International Economic Relations (ICRIER) team for Collaboration (17th Feb).
- Attended a meeting with ICRISAT for research discussion and collaboration (17th Feb).
- Attended a meeting to discuss future research on the ultra-low GI rice with Dr. N. Sreenivasulu, International Rice Research Institute (IRRI), Philippines (18th Feb).
- Chaired a brainstorming session for identifying research priorities on anaemia (25th Feb).
- Took part in a meeting on “Strategies for improving Maternal and Child Nutrition in India” organized by GCI-Biotechnology Industry Research Assistance Council (BIRAC) (25th Feb).
- Participated virtually as a panellist at Budget Review Webinar on “Investing in People,” organized by Department of Higher Education (28th Feb).

Dr. G. BHANUPRAKASH REDDY

- Participated in the National Science Day-2025 celebrations, 'Eco Innov Sci-Tech 2K25', at the Keshav Memorial Institute of Commerce and Science, Hyderabad on February 28, 2025 and delivered a lecture on the theme of NSD-2025, Empowering Indian youth for global leadership in science and innovation for *Viksit Bharat*.



Dr. SUBBARAO M GAVARAVARAPU

- Invited as a Scientific Advisory Committee Member and a speaker in the Technical Session on Food Safety and Security at the World University Association for Community Development (WUACD) International Conference 2025 themed "ONE HEALTH: An Equitable and Holistic Approach for Sustainable Balance and Optimization of Health & Ecosystem," jointly organized with Avinashilingam Institute for Home Science and Higher Education for Women and delivered a talk on "Bettering the food environment: An important policy imperative for promoting food safety and nutrition security" (6th Feb).
- Invited to deliver the keynote address at the International Conference on "Nutri Connect 2024: Nutrition for Sustainable Health – Combating Malnutrition and Enhancing Food Security," organized by NSHM Knowledge Campus, Kolkata at Bhawanipore Education Society, Kolkata (7th Feb).

- Chaired the 51st meeting of scientific panel on 'Labelling & Claims/Advertisements of Food Safety Standards Authority of India (FSSAI)' at FDA Bhavan, New Delhi (11th Feb).
- Invited to participate in a panel discussion on "Product Reformulation and Innovation: Challenges and Opportunities" as part of the "FICCI Symposium on the Impact of HFSS Food on the Indian Food Processing Industry," organized by FICCI at FICCI Federation House, New Delhi (12th Feb).
- Invited as the Chief Guest to deliver the inaugural address at the International Conference on 'Sustainable Health Solutions,' held at S.A. College of Arts & Science, Chennai. The address focused on "harnessing the power of nutrition communication and food labels for combating NCDs" (18th Feb).
- Coordinated the workshop titled, "Strengthening Research Dissemination & Public Engagement" was conducted, as part of a series being launched across all ICMR institutes by Policy & Communication Division at ICMR, New Delhi and Global Health Strategies at our institute (19th Feb).
- Invited as a speaker to deliver a talk on "innovative communication approaches in nutrition to promote and improve health literacy," during the Symposia "innovations in overcoming poverty & malnutrition," at the XVII Agricultural Science Congress, organized by the National Academy of Agricultural Sciences (NAAS) at GB Pant Agriculture University, Pantnagar, Uttarakhand (20 & 21st Feb).
- Invited as the Chief Guest to deliver inaugural address for the Induction Programme of the January 2025 batch of Diploma and Certificate students in Healthcare at Symbiosis School for Online and Digital Learning (SSODL) (27th Feb).
- Invited as a Guest speaker to deliver a talk on "Empowering Indian Children and Youth with Better Food Environments and Food Literacy," in an international symposium organised by Apollo Institute of Medical Sciences and Research, Hyderabad on the occasion of the National Science Day Celebrations (28th Feb).

Dr. AYESHA ISMAIL

- Invited as a Resource person for the "National scientific conclave on interdisciplinary research: Revolutionizing health outcomes through collaborative efforts across basic, allied health, and medical sciences," and delivered a talk on the "Role of nutrition in the prevention and management of cancer," held at Kolar, Karnataka (4 & 5th Feb).
- Participated in a roundtable discussion titled, "Women in STEM: Redefining life sciences through collaboration, skills, and cutting-edge research," at T-Hub, Hyderabad (11th Feb).

Dr. K. RAJENDER RAO

- Invited as the Chief Guest on the occasion of National Science Day Celebrations organized by Pingle Government College for Women, Hanumakonda, Telangana (28th Feb).



Dr. VIRENDRA PANPATIL

- Nominated as an Assessor by The National Accreditation Board for Testing and Calibration Laboratories (NABL), a constituent board of the Quality Council of India for accreditation and recognition process audit for National Food Laboratory (FSSAI), Ghaziabad (Feb, 2025).



- Chennakeshavulu Vemula, Aishwarya Andugula, Mekam Maheshwar, and Challa Suresh Comparison of Body Composition and Cardiorespiratory Functional Differences Among Track Athlete Springer Nature, March 2025. DOI:10.1007/978-981-97-8297-0
- Chennakeshavulu Vemula, Advika Manya Mandala, M. Maheshwar, and C. Suresh Effect of Training on Selected Anthropometric and Physiological Parameters Among Swimming Athletes of Junior Age Category (<16 Yrs) Springer Nature, March 2025. DOI:10.1007/978-981-97-8297-0
- Chennakeshavulu Vemula, Pranathi Kalvakolu, Maheshwar Mekam, and Suresh Challa Determination of Energy Expenditure and Body Composition Among Kabaddi and Volleyball Players Springer Nature, March 2025. DOI:10.1007/978-981-97-8297-0
- Chennakeshavulu Vemula, Anjali Pawar, Maheshwar Mekam, and Suresh Challa Dehydration Impact on Physiological and Cognitive Changes in Team Athletes During Diverse Training Intensities Springer Nature, March 2025. DOI:10.1007/978-981-97-8297-0
- Chennakeshavulu Vemula, Tamali Mondal, Aishwarya Andugula, Maheshwar Mekam, and Suresh Challa Evaluation of Physical and Physiological Parameters Among Middle and Long-Distance Runners Springer Nature, March 2025. DOI:10.1007/978-981-97-8297-0
- Chennakeshavulu Vemula, Attaluri Kavya, Mekam Maheshwar, and Chella Suresh An Analysis of Q-Angle in Relation to Anthropometry and Training Effects on Performance and Injury Risks Among Indian Female Athletes Springer Nature, March 2025. DOI:10.1007/978-981-97-8297-0
- Jaleel A, Chukkala SS, Sriswan R, Panda H, Singnale P, Meshram II, Avula L, Hariharan GN, Arlappa N, Gavaravarapu SRM*. Cultivating nutrition: exploring participants' perspectives on nutrition gardens and nutrition education program in rural Tamil Nadu and Odisha, India. *Frontiers in Sustainable Food Systems*. 2025 Feb 12; 9:1502711 (<https://doi.org/10.3389/fsufs.2025.1502711>).
- Vakdevi Validandi,* Srinivas Dheeravath, Srinivasu Kurella, Ravi Prakash Jamalpur, Surekha Mullapudi Venkata, Sumitra Gorain, Yamuna Sagubandi & Sukesh Narayan Sinha Effect of fluoride exposure on kidney damage in rats: biochemical and histopathological changes. *Toxicological & Environmental Chemistry* Feb, 2025 107:3, 363-382, DOI: 10.1080/02772248.2025.2469063
- Vakdevi Validandi,* Srinivasu Kurella, Sumitra Gorain, Yamuna Sagubandi, Ajantha Rudhra, Sri Kavya Deepika Annamanedi, Naveen Kumar Ramachandrappa & Sukesh Narayan Sinha. Heavy metal contamination in commonly consumed herbal medicines from local markets in Hyderabad, India, and associated health risks. *Food Additives & Contaminants: Part B Surveillance*, Published online: 26 Feb 2025. DOI: 10.1080/19393210.2025.2471065

JOURNAL CLUB

SPECIAL GUEST LECTURE

Prof. GANESH BAGLER

IIIT-New Delhi, delivered his talk on "Computational gastronomy," (21st Feb).



Dr. VENKANNA BHANOTHU

Scientist C, Department of Cell Biology, delivered his lecture on "Metabolic and molecular aspects of congenital abnormalities and inborn errors of metabolism: Newborn screening and nutritional management," (14th Feb).

