



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH
NIN
NATIONAL INSTITUTE
OF NUTRITION

रा.पो.सं. मासिक सूचना-पत्र

NIN Monthly Newsletter

संपादक: डॉ. एम. महेश्वर

जनवरी 2024

Vol. 61 No: 1

Editor: Dr. M. Maheshwar

January 2024

MoU SIGNED

ICMR-NIN Collaborates with AYUSH

A Memorandum of Understanding (MoU) was signed by Dr. Hemalatha R, Director, ICMR-NIN, and Dr. Zaheer Ahmed, DG, Central Council for Research in Unani Medicine, Ministry of Ayush, Government of India. The MoU aims to facilitate collaborative research activities focused on the development of nutraceuticals for both preventive and therapeutic purposes (14th Dec, 2023).



SPECIAL NEWS

The Women Cricketer expresses her gratitude to NIN-MYAS for her inclusion in the IPL

The Extension and Training Division (ET) and MYAS Department are delighted to announce about the acknowledgment bestowed upon Ms. Trisha Poojitha for being chosen as a player for IPL WOMEN'S CRICKET TEAM in 2024. The Gujarat Giants Franchise acquired her through a remarkable auction amount.

Ms. Trisha Poojitha approached ET & MYAS to request a customized diet plan in June 2023, The responsibility of creating this diet plan was given to Dr.V.Chennakeshavulu, Project Teaching Associate, and Ms. A. Naga Jyothi, Project Teaching Assistant of MYAS-NIN. Throughout her training at the High-Performance Laboratory, at ET Division, Ms. Trisha diligently followed the diet plan and training regimen provided by the MYAS staff.

Upon announcing her selection, she took the opportunity to express her gratitude by sharing a filed group photo with MYAS staff and students on her WhatsApp story. In her heartfelt message, she extended her thanks to the Director, ICMR-NIN and staff for their unwavering support in analyzing her diet and training regimen.

On behalf of the Director, ICMR-NIN, the MYAS-NIN, and ET Division, extend warm congratulations and best wishes for her success.



Prevention of Sexual Harassment (PoSH)

To promote awareness on the theme of Preventing Sexual Harassment of Women at the Workplace, in accordance with the PoSH Act, 2013, a contest involving the creation of posters and slogans was organized for both staff and students at NIN (8th Dec, 2023).



Congratulations



Dr. G. Bhanuprakash Reddy

Scientist-G & Head, Biochemistry Division, was honoured with the **Vepachedu Gopalkishan Rao Memorial Endowment Award** by the Department of Biochemistry, University College of Science, Osmania University

Dr. C. S. Surya Goud

Scientist-B, Maternal and Child Health Nutrition Division, won the **Young Scientist Award-Senior Category in Community Nutrition** at the 55th Annual Conference of Nutrition Society of India held at ICMR-NIN.

Dr. Digambar Kavitate

SERB-NPDF (Biochemistry Dept.) was conferred the **Young Scientist Award** from the Association of Microbiologists of India (AMI) for its outstanding credentials & contributions to Microbiology.

DST-INSPIRE FELLOWSHIP

Mr. Kota Sri Naga Hridayanka, PhD scholar, received a DST-Inspire Fellowship from the Dept. of Science and Technology, Govt. of India, to conduct her research at the Molecular Biology Division, ICMR-NIN.

TRAVEL GRANT AWARD

Mr. Varma Saikanth, ICMR-SRF, received an European Molecular Biology Organization (EMBO) Travel Grant Award from the Dept. of Science & Technology, Govt. of India, to present his research work on "Development exposure to endocrine activating compounds affects male reproductive function" at the International Conference on '22nd European Testis Workshop 2023' in Montreux, Switzerland.

ACADEMIC EVENT - M.Sc DISSERTATION

Dissertation presentations were conducted for the 2021-23 batches of M.Sc. Applied Nutrition & M.Sc. Sports Nutrition students on 4th & 5th Dec 2023, respectively. External examiners for the student dissertation presentations were Dr. Sreedhar Bodiga, Associate Professor in Biochemistry, Department of Basic and Social Science, Forest College & Research Institute, Mulugu, and Dr. K. V. Rajasekhar, Physical Director, Department of Physical Education and Sports Science, University of Hyderabad. Twenty students from M.Sc. Applied Nutrition and 15 from M.Sc. Sports Nutrition presented their dissertation works under the guidance and supervision of NIN scientists. The sessions were moderated by Dr. C. Suresh, Head, Cell Biology Division and Convenor of the Curriculum Committee, along with Dr. M. Maheshwar, Head, ET Division.



MEETINGS/CONFERENCES/WEBINARS ORGANIZED/PARTICIPATED

OFFICIAL LANGUAGE POLICY OF THE UNION

श्री केशराज मीना, सहायक निदेशक (राजभाषा), आई सी एम् आर- ने 13 दिसंबर को संस्थान का दौरा किया। निरीक्षण के दौरान कई राजभाषा सम्बन्धी सुझाव दीये। वे संस्थान के कर्मचारियों को संघ की राजभाषा नीति विषय पर सम्बोधित किये. निदेशक महोदया ने उन्हें सम्मानित किया.



Dr. HEMALATHA R, DIRECTOR

- Expert Committee meeting on Dietary Guidelines for Indians' (virtual) (7th Dec, 2023).
- ICMR–Meeting of Expert Committee–DABS–I–Statistical Sub Committee meeting to review the revised sampling strategy (8th Dec, 2023).
- Exploratory Meeting–MLE Partner with GIZ India for the Indo-German project “Securing Nutrition, Enhancing Resilience (SENU)–Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ) GmbH (13th Dec, 2023).
- Participated in the Hindi Lecture by Shri Keshraj Meena, Asst. Director (OL), ICMR (13th Dec, 2023).
- Guest of Honour for the National Seminar on “Innovation, Design, Entrepreneurship and startup in Unani Medicine” at National Research Institute of Unani Medicine for Skin Disorders (NRIUMSD), Hyderabad, followed by Signing of MOU with CCRUM, New Delhi (14th Dec, 2023).
- Meeting with PSG Institute of Medical Sciences & Research, Coimbatore, Tamil Nadu for mutual collaboration (14th Dec, 2023).
- Participated in the 61st Meeting of Scientific Advisory Board of ICMR (21st Dec, 2023).
- Participated in a meeting as a Member of the Committee, headed by the Secretary, DHR & DG, ICMR to review the advisory on Thalassemia and Sickle Cell Anaemia under FSS Regulation, 2018 at ICMR by hybrid mode (9th & 22nd Dec, 2023).
- Participated in a Dr. MVN. Shrodkar Memorial Lecture by Dr. Balram Bhargava, Former Director General, ICMR at IICT Auditorium (27th Dec, 2023).
- Brain Storming meeting on ICMR Faculty of Medical Research under the Chairmanship of Secretary, DHR & DG, ICMR following with Director's Meeting to discuss other administrative issues of the institutes at ICMR Hqrs., New Delhi (28th Dec, 2023).

Dr. SUBBARAO M GAVARAVARAPU

- Attended the first virtual meeting of the Expert Group to review proposals on National Health Research Priority for "Improving population healthcare-seeking and community engagement for prevention and control of non-communicable disease care in India," conducted by ICMR, New Delhi (8th Dec, 2023).
- Participated in the workshop on “Understanding Behaviours, Influencing Nutrition,” jointly organized by Behaviour Intervention Unit, University of Hyderabad, Centre for Social and Behaviour Change (CSBC), Ashoka University and SBC Section of UNICEF, Hyderabad (8th Dec, 2023).
- Invited as a Panellist for the panel discussion on "Integration of Social and Behaviour Change (SBC) in Government Programmes and Schemes," as part of the Social & Behaviour Change (SBC) Knowledge Exchange Programme, organized by Communications Resource Unit (CRU) in National Institute of Rural Development and Panchayati Raj (NIRDPR), Hyderabad (12th Dec, 2023).
- Invited to chair a Panel Discussion virtually on 'HFSS Foods and Policy Priorities' in Consultation Meeting on Fiscal Policy for Healthier Diets in India - Modelling the Impact of Taxation on HFSS Foods organised by Institute of Economic Growth (IEG) (14th Dec, 2023).
- Virtual meeting of the Scientific Committee with CEO and Codex Committee about the outcomes of the Indian Delegation's participation in the 46th Meeting of Codex Alimentarius Commission (15th Dec, 2023).

- Attended in-person one-day Training Programme for the newly inducted members of various Technical Committees of Bureau of Indian Standards (BIS) at National Institute for Training in Standards (NITS), Noida, New Delhi (18th Dec, 2023).
- Meeting (virtual) of the Coalition Partners-Resolve to Save Lives (RTSL) and Global Health Advocacy Incubator (GHA) on Nutrition Literacy related collaborations in Let's Fix Our Food (LFOF) consortium (21st Dec, 2023).
- Attended virtually, the Meeting of the Expert Group on “National Health Priority Implementation Research (NHPR) on improving community engagement in NCD care”, organised by ICMR, New Delhi (21st Dec, 2023).

Dr. SUDIP GHOSH

- Attended 17th meeting of Biotechnology for Food & Agriculture Sectional Committee (FAD 23), held at Manak Bhavan, New Delhi (8th Nov, 2023).
- Attended 14th meeting of Medical Biotechnology and Medical Nanotechnology Sectional committee (MHD 20) held at Manak Bhavan, New Delhi (13th Dec, 2023).

VISIT

Dr. Sudha Ramalingam, Director of Research and Innovation, Professor & Head of Community Medicine, and Dr. Sujanathan Soundararajan, Assistant Professor of Community Medicine, representing the PSG Institute of Medical Sciences & Research in Coimbatore, Tamil Nadu, held discussions with Dr. Hemalatha R, Director, and other scientists on 18th Dec, 2023 during her visit.

The purpose of the meeting was to explore potential collaborations on research studies between the institutions. Also present were Dr. G. Bhanuprakash Reddy, Scientist G & Head, Biochemistry Division, and Dr. Ayesha Ismail, Scientist F & Head, Endocrinology Division.



HEALTH CAMP



Kamineni Hospitals, Hyderabad conducted a complimentary medical camp at NIN (13th Dec, 2023). The event provided free medical consultations, Blood Pressure assessments, GRBS checkups, BMI evaluations, ECG examinations, and gynaecology consultations for permanent, project, contract, outsourcing staff, as well as PhD and MSc students.

Dr. M. V. Surekha, Scientist-E, Pathology and Microbiology Division, coordinated the event.

PAPERS PUBLISHED/ ACCEPTED FOR PUBLICATION

- Basak, S.; Varma, S.; Duttaroy, A. K., Modulation of fetoplacental growth, development and reproductive function by endocrine disrupters. *Front Endocrinol (Lausanne)* 2023, 14. (IF 5.2)
- Jyoti, A.N., Tiwari, K.H., Kalpana, K. (2023). Role of hydration status on cognitive functioning in athletes: A scoping review. *Malaysian Journal of Movement, Health & Exercise*, 12(2),31-40. DOI: 10.4103/mohe.mohe_6_23
- Molangiri, A.; Varma, S.; Hridayanka, K. S. N.; Srinivas, M.; Kona, S. R.; Ibrahim, A.; Duttaroy, A. K.; Basak, S., Gestational exposure to bisphenol S induces microvesicular steatosis in male rat offspring by modulating metaflammation. *The Science of the total environment* 2023, 904,166775. (IF 9.8)
- Nandeeep E. R., Jaleel Abdul, Reddy P. Bhaskar, Geddam J. J. Babu, Reddy Samarasimha N., Hemalatha Rajkumar. Developing and demonstrating an atomistic and holistic model of anthropometric failure among children under five years of age using the National Family Health Survey (NFHS)-5 data from India. *Frontiers in Nutrition*, Vol.10, 08 Jan. 2024.
- Prasanthi P. Sobhana, Raju Nagaraju, Rakesh Naik, Vaishali Roy, Devindra Shakappa. (2023). Assessment of knowledge and intake of artificial sweeteners among type II diabetic individuals and perspectives of registered dieticians in India. *International Journal of Health and Allied Sciences*, 12:28e36.
- Rakesh Naik, Soumya Ranjan Pradhan, Prasanthi Prabhakaran Sobhana, Devindra Shakapp (2023). Examining the Artificial Sweeteners in Commonly Consumed Beverages, Chewing Gums, Chocolates, and Mouthwashes using HPLC and TLC Methodology. *Indian Journal of Public Health Research and Development*. 15(1), 298-304.
- Soumya Ranjan Pradhan, Rakesh Naik, Prasanthi Prabhakaran Sobhana, Devindra Shakappa. (2023). Macronutrients level in Commonly Consumed South Indian Breakfast Meals: An Analytical Study. *Indian Journal of Public Health Research and Development* 14(2,320-326.
- Sumi Mekkara nikarthil Sudhakaran, Shreyas Elma Mathew, Devindra Shakappa. (2023). Accurate assessment of macronutrients and micro-elements of ten newly developed green gram (*Vigna radiata* (L.) Wilczek) cultivars grown in Uttar Pradesh, India. *Journal of the Science of the Food and Agriculture*. <https://doi.org/10.1002/jsfa.13244>
- SV Akkenepally, DJK Yombo, S Yerubandi, GB Reddy, Deshpande DA, FX McCormack, SK Madala. Interleukin 31 receptor alpha induces airway hyperresponsiveness in asthma. *Nat Commun* 2023 Dec 11; 14(1):8207. PMID: 38081868
- U Suryavanshi, KK Angadi, VS Reddy, GB Reddy. Neuroprotective role of vitamin B12 in streptozotocin-induced diabetic rats. *Chem Biol Interact*. 2023 Dec 2; 110823. PMID: 38049026.

Popular Article

- Rijo John and SubbaRao M Gavaravarapu, 'Tax 'HFSS' foods, view it as a public health imperative', *The Hindu* 20th Dec 2023 (Tax 'HFSS' foods, view it as a public health imperative)

STAFF NEWS

Dr. SUBBARAO M GAVARAVARAPU

- Invited as a Guest Editor for the special issue on Health Communication Research & Practice of *Journal of Content, Community and Communication* (Scopus Indexed).
- Nominated to the Expert Group on National Health Research Priority for "Improving population healthcare-seeking and community engagement for prevention and control of Non-Communicable Diseases Care in India" by DG, ICMR.

Retirement

We bid farewell to the following staff on the eve of their retirement on attaining superannuation.



Mr. P. Dhanasekharan
Administrative Officer



Mr. Y. Ramulu
Laboratory Assistant-1