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INDIAN COUNCIL OF
MEDICAL RESEARCH
NIN
NATIONAL INSTITUTE
OF NUTRITION

रा.पो.सं. मासिक सूचना-पत्र

NIN Monthly Newsletter

संपादक: डॉ. एम. महेश्वर

मार्च 2022

Vol. 59 No: 3

Editor: Dr. M. Maheshwar

March 2022

Vigyan Sarvatra Pujate / National Science Week festival (22- 28 Feb 2022)

- ICMR-NIN is one of the 75 prestigious centres chosen from across the country to host the National Science Week Festival, 22- 28 Feb 2022 as part of Azadi Ka Amrit Mahotsav being led by Ministry of Culture, Government of India and Principal Scientific Adviser to Gol through Vigyan Prasar. Inauguration of National Science Week was by Dr. BHVS. Narayana Murthy, Distinguished Scientist and Director General - Missiles and Strategic Systems (MSS), DRDO, Dr. Hemalatha R, Director delivered the welcome address and Dr.G.Bhanuprakash Reddy, Scientist G & Organising Secretary of the festival provided outline of the event and over 600 visitors participated in the event.
- **Shri G. Kishan Reddy**, Hon'ble Minister of Culture and Development of North Eastern Region of India addressed the scientists and students on the 5th day of the National Science Week festival.



- National Science Week festival witnessed a huge footfall of students, enthusiasts, researchers and media personnel. Two marvellous talks delivered by Dr. Ch. Mohan Rao, Former Director of CCMB and Dr.M.Chandrashekaram, Senior Principal Scientist, IICT on Annals of Science and technology covered India's scientific innovations from pre-vedic times to the day. Talks delivered by Dr. Venkat Jasti and NIN team were informative.





Prof. Balram Bhargava, Secretary DHR & Director General ICMR delivered valedictory address at the closing ceremony of Science Festival at New Delhi.



Sero-prevalence Survey



Telangana Government in coordination with ICMR-NIN conducted & completed State-wide SARS Cov-2 Sero-prevalence Survey in all the districts. Twenty teams consisting 4 coordinators and one lead scientist, along with state officials were involved in the survey (1st Feb).

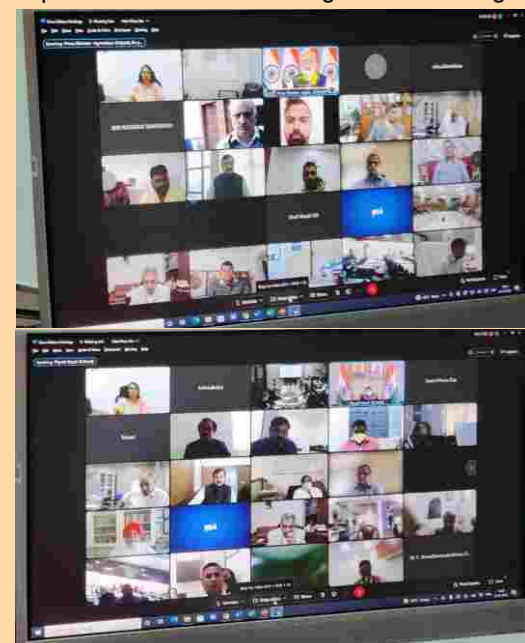


WEBINARS/ MEETINGS ORGANIZED/ PARTICIPATED

Dr. Hemalatha R, Director

- Chaired the First meeting on 'Task Force on Nutrition and Health Benefits of Millets' for International Year of Millets (IYoM) 2023, organized by Department of Agriculture and Farmers Welfare, New Delhi (1st Feb).
- Attended the meeting to discuss draft report on the revision in nutritional standards set under Schedule II of the National Food Security Act, organized by Ministry of Consumer Affairs, Department of Food and Public Distribution, New Delhi (2nd Feb).
- Attended Post-Scientific Advisory Committee (SAC) evaluation meeting with Clinical Epidemiology Division (16th Feb).
- Panelist for the Webinar on 'India's Hunger and Malnutrition' organized by 'India Agriculture Advancement Group (IAAG)' (21st Feb).
- Delivered Welcome Address at the Inaugural function of the Nation-Wide India Science Week Festival celebrations as part of the Azadi Ka Amrit Mahotsav during 22nd -28th Feb, 2022 organized by ICMR- NIN, Hyderabad (22nd Feb).
- Speaker at the Post Budget Webinar on 'Implementation of 'SMART Agriculture strategies for implementation' in the session 'Bring Back Glory of Millets; Moving Towards Atmanirbharta in Edible Oil' on 'Nutritive Value of Millet Products', organized by Ministry of Agriculture & Farmers Welfare, Department of Agriculture and Farmers Welfare, New Delhi (24th Feb).
- Meeting regarding 'Understanding data requirements and methodology for development of Global Hunger Index 2021', organized by NITI Aayog (24th Feb).
- Address at the Valedictory Ceremony of the Nation-Wide India Science Week Festival celebrations, organized by ICMR- NIN, Hyderabad (28th Feb).
- Live recording of interaction with students on the occasion of Science Day at the All India Radio Station (28th Feb).

Implementation of 'SMART Agriculture strategies



Dr. P. Uday Kumar

- Attended Expert Committee meeting on "Dietary Guidelines for Indians" (7th Feb).
- Performed Bhoomipuja/ Foundation stone laying Ceremony for MRHRU conducted at Janampet, Mahbubnagar Dist (12th Feb).
- Attended Institutional Ethics Committee meeting (18th Feb).

Dr. Subbarao M. Gavaravarapu

- Participated in a meeting of the consortium partners of Let's Fix Our Food initiative with UNICEF India (4th Feb)
- Chaired the meeting of the Nodal Communication Officers of the Southern Institutes of ICMR (8th Feb).
- Attended the 40th Meeting of the Scientific Panel on Labelling Claims and Advertisements of Food Safety Standards Authority of India (FSSAI) as a Panel Member virtually (10th Feb).
- Meeting of key nodal communication officers and ICMR communications unit with the team from Mudra Institute of Communication and Advertisement (MICA) on development of Health Communication course material for ICMR Institutes (14th Feb)
- Invited as the Panel member to participate in the online meeting on Front of Pack Nutrition Labelling (FOPL) with CEO of FSSAI (15th Feb).



Mr. Sreenivasa Rao J

- Attended Mahua Recipe launching program with Honourable Governor-TS as part of nutrition intervention using Mahua Recipe to primitive tribes. Program was organised by PVRTSVU, Rajendranagar, Hyderabad (12th Feb).
- Invited talk delivered on: Malnutrition issues in India-Future prospective on the occasion of science day celebrations in one day national seminar organised by Government Degree College, Chintalapudi, West Godavari, AP (26th Feb).

Dr. R. Naveen Kumar

- Attended a meeting of BIS-FAD-15-Panel-1 to Review and Revise IS 5404:1984 methods for drawing and handling of food samples for microbiological analysis (7th Feb).

PAPERS PUBLISHED/ ACCEPTED FOR PUBLICATION

- Devindra Shakappa, Rakesh Naik, Prasanthi Prabhakaran Sobhana. (2022). Glycemic carbohydrates, glycemic index, and glycemic load of commonly consumed South Indian breakfast foods. *Journal of Food Science and Technology*. Doi.org/10.1007/s13197-022-05368-6.
- Devindra Shakappa, Aruna Talari, Rakesh Naik and Soumyaranjan Pradhan (2022). Prebiotic Potential and Other Health Benefits of Prebiotic Mixture of Pigeon Pea (*Cajanus Cajan L*) In Wistar Nin Rats. *Journal of Veterinary Health Science*. 3(1), 88-96.
- Duttaroy AK, Basak S (2022) Maternal fatty acid metabolism in pregnancy and its consequences in the fetoplacental development. *Frontiers in Physiology* 12:787848. Doi:10.3389/fphys.2021.787848.
- Indrapal Meshram, Naveen Kumar Boiroju, Thingnganing Longvah. Prevalence of overweight/obesity, hypertension and its associated factors among women from Northeast India *Ind heart J* 2022;74:56-62.
- Konapur A, Gavaravarapu SM* and Nair KM. A Novel 'Five A's' Approach for Contextual Assessment of Food Environment. In *Journal of Nutrition Education and Behavior* (Elsevier, IF 3.045).
- Mohammed S, Qadri SSY, Mir IA, Kondapalli NB, Basak S, Rajkumar H (2022) Fructooligosaccharide ameliorates high-fat induced intrauterine inflammation and improves lipid profile in the hamster offspring. *The Journal of Nutritional Biochemistry* 101:108925. Doi:https://doi.org/10.1016/j.jnutbio.2021.108925.
- Naveen Kumar R, M.V.Surekha, B.Ramalingam, P.Uday Kumar, K.Polasa, R.Hemalatha, B.Bhima, N.Harishankar, M.Satyavani, K.Satyanarayana, Sudip Ghosh. Oral toxicity study for *salmonella* killing lytic bacteriophage NINP13076 in BALB/c mice and its effect on probiotic microbiota. *Current Microbiology*, Springer. https://doi/10.1007/s00284-021-02754-9.
- Shreya Elma, Devindra Shakappa (2022). A review of the nutritional and antinutritional constituents of chickpea (*Cicer arietinum*) and its health benefits. *Crop and Pasture Science*.
- Utkarsh Reddy Addi, Sneha Jakhotia, S. Sreenivasa Reddy, G. Bhanuprakash Reddy. Age-related neuronal damage by advanced glycation end products through altered proteostasis. *Chem Biol Interact*. 2022 Mar 1;355:109840. doi:10.1016/j.cbi.2022.109840.

JOURNAL CLUB



Ms. Athira Anil [CSIR-SRF], Department of Biochemistry presented the progress and findings of her PhD work "Vitamin D deficiency induced cardiomyopathy: Role of the ubiquitin proteasome and signal transduction pathways" (11th Feb).

STAFF NEWS

Retirement

We bid farewell to **Mr. Agreepa Raju**, Laboratory Assistant-1 on attaining the age of superannuation.



OBITUARY



Dr. B. Naveen Kumar, Scientist C (Statistics), passed away on 20th Feb, 2022 due to illness. Even though his health was failing he bravely faced all the odds during the period of his illness.

Dr. Naveen joined the institute as Scientist B on 1-6-2015 and subsequently, he was promoted under assessment as Scientist C on 1-9-2018. He served the institute for more than six years.

We will miss his bright mind, untiring enthusiasm and innocent smile.

Dr. Naveen is survived by his wife, two young children, and elderly parents.

May his soul rest in peace, Om Shanti.