



INDIAN NUCLEAR SOCIETY

REPORT OF ACTIVITIES

From 01-07-2022 to 27-11-2022

During the short reporting period, the following activities were carried out:

1. **INS WEBINARS:** Biweekly Webinar are held regularly and is an on-going activity of INS. During the reporting period, 8 webinars were held, latest being 34th Webinar on 26th Nov 2022.
2. **INS NEWSLETTER:** The Quarterly newsletter is circulated to INS members regularly. In the last quarter (Aug to Oct 2022), a special issue of newsletter, on occasion of Azadi Ka Amrit Mahotsav (AKAM) was circulated in Nov 2022. The printed form (Hard Copy) of the special issue is planned to be released shortly.
3. **INS LECTURE SERIES 2022:** On the occasion of Azadi ka Amrut Mahotsav, Indian Nuclear Society has brought out (an online) lecture series to illustrate in simplified ways various topics related to fundamentals of nuclear reactor technology and its applications for general public, students, academicians, etc. as INS outreach programme. These lectures are available on INS YouTube channel (www.youtube.com/IndianNuclearSociety).

In the last 100 days, the lectures had crossed 10,000 views. The following are the details of the lectures:

1. Fundamentals of Nuclear chemistry by Dr K Sudarsan
2. History of nuclear reactor development by Dr Argala Srivastava
3. Radiation protection and shielding by Dr R S Vishwakarma
4. Materials for reactor core components by Shri Vinay Vaze
5. Concepts of Heat and mass transfer in nuclear reactor applications by Dr Onkar Gokhale
6. Design aspects of nuclear power plant by Dr Rishi Sharma, NPCIL
7. Environmental effects of nuclear power by Dr S Anand
8. Waste management of nuclear facilities by Shri Darshit Mehta
9. Safety aspects of nuclear power plant by Shri Vipul, NPCIL
10. Radioisotopes in healthcare application by Dr Madhava B Mallia

11. Accelerator technology for societal benefits/ applications by Dr Nishant Chaudhury
 12. Nuclear science in food and agriculture by Dr S N Jamdar
 13. Career opportunities in Dept of Atomic Energy by Dr A K Dureja, Assoc. Dean, HBNI, DAE
4. The most important activity of this period was conducting the **Election for the next EC (2022-24)**. The Election Team (Shri N K Bansal, Returning Officer, Dr Ashok Kumar and Shri A. Rama Krishna) was constituted by EC. M/s eVote Technologies Pvt Ltd was given the contract for providing the technical support for registration of INS voters and for voting. The elections were held between 12th and 17th Nov 2022. In all, 1491 members registered and 1159 members voted. The results were announced on 18th Nov 2022. INS EC places on record its appreciation for smooth conduct of election. The formal announcement of the Election Results will be made in the AGM.
5. In **other activities**, INS EC celebrated the Independence Day (on 15-08-2022) and Laxmi Pooja on 24-10-2022. The INS allowed its Conference Hall to be used by IWSA for the distribution of Admit Card for their Mathematics Olympiad programme (on 11-11-2022 and 12-11-2022). The Conference Hall was also allowed to be used by AERWA, in collaboration with SBI to have a camp issuing Life Certificates to Pensioners.
6. **The Audit of Accounts** for the FY2021-22 was completed in time and statements of account were submitted to the Charity Commissioner and Income Tax was also filed in time. The GST Returns were filed regularly every month.
7. **INS Constitution Amendment**: The subcommittee appointed for the purpose deliberated on the subject in many sittings. It has outlined the pain points, sought the constitution of similar societies and corrected its own anomalies in the draft version used to be treated as official version. In the days to come, the incoming EC would be briefed with the progress so far, so that the work done so far is carried forward.