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# The Fourth State

Newsletter of the Institute For Plasma Research, Gandhinagar, Gujarat (India)



## Atal Incubation Center (AIC) at IPR

Atal Innovation Mission (AIM) is the Government of India's initiative for encouraging a culture of innovation and entrepreneurship by providing a platform for the promotion of innovative ideas, Start-ups, and other self-employment activities in technology-driven areas. AIM provides support for the establishment of new incubation centers known as Atal Incubation Centers (AICs) which would aim to nurture innovative start-up businesses in their pursuit to become scalable and sustainable enterprises. As a part of Government's reforms in Atomic Energy, DAE had announced establishment of incubation centers in BARC, RRCAT, IGCAR and IPR. In continuation, IPR had submitted a proposal to AIM-NITI Ayog for setting up of such AIC and presented a detailed plan of the same before the selection committee. IPR Incubation Centre has been selected for being recognized and funded as an Atal Incubation Centre.

As reported in an earlier issue of IPR Newsletter, on 30th October, 2020, as part of the "Founders Day" celebrations of BARC, Shri K.N. Vyas, Secretary, Department of Atomic Energy and Chairman, Atomic Energy Commission remotely inaugurated Technology Incubation centers at BARC, IGCAR, RRCAT and IPR.



NITI Aayog



ATAL INNOVATION MISSION



Images from the virtual inauguration of IPR Incubation center (Images from IPR Newsletter No. Issue 089, Dec 2020)

- ◆ International Conference on Advances in Renewable Energy (CARE-2023), Harish-Chandra Research Institute, Allahabad, 2-4 February 2023; <https://care2023.tifrh.res.in/>
- ◆ Conference on Nuclear Training and Education: A Biennial International Forum (CONTE 2023), United States, 6-9 February 2023; <https://www.ans.org/meetings/conte23/>
- ◆ IEEE Texas Power and Energy Conference, Texas A&M University, College Station, Texas, United States, 13-14 February 2023; <https://tpec.engr.tamu.edu/>
- ◆ 20th Meeting of the Working Party on Scientific Issues and Uncertainty Analysis of Reactor Systems (WPRS), Paris, France, 20-24 February 2023; [https://oecd-nea.org/jcms/pl\\_67096/20th-meeting-of-the-working-party-on-scientific-issues-and-uncertainty-analysis-of-reactor-systems-wprs](https://oecd-nea.org/jcms/pl_67096/20th-meeting-of-the-working-party-on-scientific-issues-and-uncertainty-analysis-of-reactor-systems-wprs)
- ◆ Conference for Advanced Reactor Deployment (CARD-2023), United States, 22-24 February 2023; <https://event.asme.org/CARD-2023>
- ◆ Waste Management Symposium (WM2023): Planning for the Future: Innovation, Transformation, Sustainability, United States, 26 February-02 March 2023; <https://www.wmsym.org/>

### Congratulations!!

- ◆ **Dr. Pintu Bandyopadhyay**, gave a talk on "Experiments in Complex Plasmas" at 37th National Symposium on Plasma Science & Technology (Plasma-2022), Plasma Science Society of India (PSSI) and the Indian Institute of Technology, Jodhpur, 12-14 December 2022, and have received **Jaidutt Saraswati Sodha PSSI Plasma Award**
- ◆ **Mr. Dheeraj Kumar Sharma**, gave a talk on "Manufacturing Experience of Indigenously Developed Dished Head-Sub Assembly (DH-SA) for High Voltage Bushing (HVB) of Indian Test Facility (INTF)" at 37th National Symposium on Plasma Science & Technology (Plasma-2022), Plasma Science Society of India (PSSI) and the Indian Institute of Technology, Jodhpur, 12-14 December 2022, and have received **First prize of the "PSSI- Z.H. Sholapurwala Award for Fusion Research"**
- ◆ **Ms. Praveena Kumari**, gave a talk on "Implementation of Drift Free Integrators for Tokamak" at 37th National Symposium on Plasma Science & Technology (Plasma-2022), Plasma Science Society of India (PSSI) and the Indian Institute of Technology, Jodhpur, 12-14 December 2022, and have received **Second prize of the "PSSI- Z.H. Sholapurwala Award For Fusion Research"**
- ◆ **Mr. Shishir Biswas**, gave a talk on "Effect of flow shear on the onset of dynamo" at 37th National Symposium on Plasma Science & Technology (Plasma-2022), Plasma Science Society of India (PSSI) and the Indian Institute of Technology, Jodhpur, 12-14 December 2022, and have received **PSSI Best Poster Award 2022**
- ◆ **Mr. Jaydeep Joshi** (ITER-India) has been adjudged as the Winner of the **Fronius India Best Welding Engineer Competition** for the year 2022. The award was presented at the Inaugural Session of the National Welding Seminar 2022 held on 19th of January, 2023 at the Chennai Trade Centre, Nandambakkam, Chennai.

### 38<sup>th</sup> DAE Safety & Occupational Health Professionals Meet-2022

The 38<sup>th</sup> DAE Safety & Occupational Health Professionals Meet-2022 was jointly held by Atomic Energy Regulatory Board (AERB) and Nuclear Power Corporation of India Limited (NPCIL) from 19 to 21 December 2022 at Kakrapar Site. The themes for this year's meet were "**Self-Realization for Safety Culture**" for Industrial Safety and "**Occupational Health Hazards, its monitoring & control**" for Occupational Health. This meet was inaugurated by Shri G. Nageswara Rao, Chairman-AERB. About 150 delegates from various DAE units and DAE aided institutes physically attended and around 40 delegates participated virtually. The meet was physically attended by Shri Devendra Modi (who also received the certificates) and virtually joined by Shri Mehul Chodvadiya and Shri Dipankar Dutta.

As part of this event, various competitions were held at IPR. Best entries in each competition had been forwarded to the organizer. IPR has won three prizes in various competitions.



Name of Competition	Winner	Prize	Slogan
Hindi Slogan Competition	Vikas Gaur	1st	संरक्षा संस्कृति को जीवन का अभिन्न अंग बनाना है। अविलम्ब आत्मबोध हो इसका, यही मूल मंत्र अपनाना है॥
Gujarati Slogan Competition	Rajnikant Bhatasana	1st	વ્યવસાયિક સ્વાસ્થ્ય અને સુરક્ષા માટેના પાયા ત્રણ, જોખમ પર સ્વ-અનુભૂતિ તથા દેખરેખ અને નિયંત્રણ.
Gujarati Slogan Competition	Tushar Patel	2nd	વ્યવસાયિક ખતરાની નથી હોતી કોઈ આકૃતિ, સુરક્ષા નિયમોની સ્વ-અનુભૂતિથી જ વધશે સુરક્ષા સંસ્કૃતિ.