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The Fourth State

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



Swachhta-Pakhwada @ IPR

“Swachhta-Pakhwada” was observed at IPR during 16-28 February, 2022. This year it has been observed under the umbrella of Azadi ka Amrit Mahotsav. As part of this drive, all IPR staff members actively participated with a lot of enthusiasm.

The following activities have been carried out during the Swachhta Pakhwada-2022 :

- ◆ Removal of all unwanted waste items collected from offices, laboratories and various open spaces of the institute, segregated and disposed of them properly.
- ◆ Survey of all the offices, laboratories, canteens, guest houses, kitchens, and lavatories to check proper cleaning and waste disposal.
- ◆ Clean Campus Initiative with “Best out of Waste”: Using scapped oil drums for tree plantation.
- ◆ Online Quiz, Eloquence competition for school students from Ahmedabad and Gandhinagar
- ◆ Slogan and Video Making competition for IPR Staff members and their family
- ◆ A webinar on “Cold plasma approach for reduction of waste in Chemicals manufacturing” by Dr. K.S. Ganesh Prasad, Institute of Advanced Research, Gandhinagar
- ◆ 3 km Swachhata Walk (IPR to ITER-India): Collection of plastic waste on the road side (Plogging).



Swachhata posters displayed in IPR campus



Discarded oil drums were collected and modified and painted to be used to plant trees in the campus.



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One-day workshop on Plasma Polarization conducted by CPP-IPR as a part of Azadi Ka Amrit Mahotsav at St. Joseph's College (SJC), Jakhama, Nagaland on 19th March 2022.

Emerging Scientist Award



Mr. Abhishek Saraswat was awarded the **Institute Research Award 2021-22** (Jul-Nov) by the Indian Institute of Technology Madras, for quality research work done by him during his M.S. study at IIT Madras. This award is one of the 50 awards given to M.S. scholars from research institutes in recognition of their excellent journal publications. The award consisted of a merit certificate and a cash award of Rs.10000.

In 2019, he joined the Department of Mechanical Engineering, IIT Madras, as an external M.S. scholar under the supervision of Dr. Sateesh Gedupudi (IITM) and Dr. Paritosh Chaudhuri (IPR). His research focused on the development of a two-phase detection probe for lead-lithium liquid metal environment, relevant to applications in nuclear fusion power plants. His work has been disseminated as journal articles, a book chapter, and presentations at international conferences. Abhishek has an active interest in the interdisciplinary domain of breeding blanket technology development.

On behalf of IPR, we congratulate **Mr. Saraswat** for this achievement.

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