

National Workshop on Advanced Technologies for Societal and Strategic Applications

Under the Promotion of Research and Facilities Scheme, Vikas Saptah–2026, Government of Gujarat

Organized by



*Institute of Infrastructure, Technology,
Research And Management*

With the Support of



Knowledge Consortium of Gujarat

One Day Seminar on

PLASMA SCIENCE AND FUSION TECHNOLOGY AND IPR'S

held on October 01, 2026

Time	Session / Topic	Expert / Resource Person
10:00 – 11:15	Introduction to Plasma, about IPR and its R&D activities, Tokamak Research in IPR	Dr. Paritosh Chaudhuri, IPR
11.15 – 11.45	Tea Break & Inauguration of Outreach Exhibition	Scientists, IPR
11:45 – 12:15	R&D on Cryogenics for Fusion Technology	Scientist, IPR
12:15 – 12:45	Remote Handling Technologies in Nuclear and Fusion Applications	Dr. N. Ramasubramanian, IPR
12:45 – 2:00	Lunch Break	
2:00 – 2:45	Estimating material properties by using Inverse heat transfer	Dr Ajit Kumar Parwani, IITRAM
2:45 – 3:30	Difficult-to- machine Materials, Machining Challenges and Sustainable Machining Solutions	Dr Navneet Khanna, IITRAM
3.30 – 4.15	Advance materials for defense application	Dr Pramod Bhingole, IITRAM
4:15 – 6:00	Outreach Exhibition (Demonstration of IPR Models & Gallery)	

Coordinators:

Dr. Ajit Kumar Parwani (Dean R&D, IITRAM)

Dr Pramod Bhingole (Dean OAA, IITRAM)

Dr Navneet Khanna (Associate Professor, MASE, IITRAM)

Dr. Paritosh Chaudhuri (Dean R&D, IPR)

Dr. N. Ramasubramanian (Head, Outreach Division, IPR)

Registration Link:

<https://forms.cloud.microsoft/r/XaZm7EuZFL>

