

NFP-PFRC Vision Meeting (NPVM-2018)

DAY 1 26-Apr-2018		Proposed Speaker	Proposed area of talk
9:00	9:30	Participant Registration	
9:30	11:00	Inauguration & words from VC Nirma University / PFRC members / Scientific Secretary BRNS / Dean R&D IPR	
11:00	11:30	Tea	

Session 1 : Plenary Talks Session Chair : Prof. Sangita, BRNS			
11:30	12:00	KN-1	Keynote address P. I. John, Chairman PFRC Broad talk on 10 years of BRFS/PFRC
12:00	12:30	PT-01	Plenary Talk-1 R. Srinivasan (IPR) Tokamak Research in India and its future
12:30	13:00	PT-02	Plenary Talk-2 S. Mukherjee (IPR) Societal benefits of plasma & allied technologies
13:00	14:00		Lunch

Session 2 : Materials Session Chair : Dr. T. Jayakumar			
14:00	14:30	IT-01	Materials-1 S. Saroja (IGCAR) R&D of materials at IGCAR
14:30	15:00	IT-02	Materials-2 Paritosh Chaudhuri (IPR) Materials for blanket applications
15:00	15:30	IT-03	Materials -3 Samir Khirwadkar (IPR) Materials for plasma facing components
15:30	16:00	IT-04	Materials-4 Arun Chakraborty (IPR) Joining of materials
16:00	16:20		Tea
16:20	17:20	PD-1	Panel, Discussion -1
17:30	18:00		Transport to IPR
18:00	20:00	Session 3	Poster session (At IPR)
20:00	21:30		Director's Dinner at IPR
22:00			Back to hotels

DAY 2 27-Apr-2018			
Session 4 : Magnets & Cryogenics Session Chair : Prof. Amit Roy			
9:30	10:00	IT-05	Cryogenics - 1 Ranjana Gangradey (IPR) Cryo projects - Industry Collaborations
10:00	10:30	IT-06	Cryogenics - 2 A. K. Sahu (IPR) Magnets & Cryogenics
Session 5 : Basic Plasma & Simulation Session Chair : Prof. Robin Pal			
10:30	11:00	IT-07	Basic Plasma Pintu Bandopadhyay (IPR) Summary and future plans of basic plasma experiments
11:00	11:30	IT-08	Simulation Studies R. Ganesh (IPR) Plasma simulation
11:30	12:00		TEA



Session 6 : RF & Microwave		Session Chair : Prof. sanjeev Gupta, DAIICT, Gandhinagar	
12:00	12:30	IT-09	RF & Microwave - 1
			P. K. Sharma (IPR)
			High power RF technologies
12:30	13:00	IT-10	RF & Microwave - 2
			S. K. Pathak (IPR)
			Low power RF /microwave diagnostics & instrumentation
13:00	14:00		Lunch
14:00	14:30	BRNS	BRNS Information Talk
			Dr. Sangita, Scientific Secretary, BRNS
Session 7 : Diagnostics & Societal Applications		Session Chairman : Prof. A. K. Ray	
14:30	15:00	IT-11	Diagnostics - 1
			Malay B. Chaudhuri (IPR)
			Passive (non-intrusive) diagnostics
15:00	15:30	IT-12	Diagnostics - 2
			Daniel Raju (IPR)
			Probe and other diagnostics
15:30	16:00	IT-13	Plasma Applications
			S. K. Nema (IPR)
			Plasma applications for societal benefits
16:00	16:30		TEA
16:30	20:00	PD-02	Panel Discussion - 2
20:00	21:30		Dinner (Nirma University)
22:00			Back to hotel

DAY 3 28-Apr-2018			
Session 8 : Robotics / Neutronics : Session Chairman : Dr. Dhaval Pujara (Nirma University)			
9:30	10:00	IT-14	Robotics
			K. K. Gotewal (IPR)
			Robotocs and VR for fusion applications
10:00	10:30	IT-15	Neutronics
			P. V. Subhash (IPR)
			Neutronics for fusion
10:30	11:00	IT-16	Electronics
			Hareh Dave (IPR)
			Electronics for plasma diagnostics
11:00	11:30		TEA
11:30	14:00	PD-03	Panel Discussion & Concluding session
14:00	15:00		Lunch



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Plasma and Fusion Research Committee (PFRC) Vision Meeting (April 26-28, 2018)

The Directorate of Research & Innovation (DRI), Nirma University and the Institute for Plasma Research (IPR) jointly organized a three-day meeting of the Project Investigators / Collaborators and the Experts in the field of Plasma, Fusion Science, Fusion Technology and Allied Areas. The meeting was organized at the Nirma University campus during April 26-28, 2018. It was a special event to commemorate ten years of National Fusion Programme and the Research and Development activities funded under the Board of Research in Fusion Science & Technology (BRFST). The meeting was attended by 150 participants from Research organizations, Industries, Government organizations, Academic institutions (including IITs, NITs and other reputed institutions) across different parts of India.



Participants of Plasma and Fusion Research Committee (PFRC) Vision Meeting

Hammil

South

