

Tentative Schedule: Pioneering 6G: Innovations, Applications, and The Road Ahead May 26 - June 01, 2025 (online)

Date	Day	9:00-9:15 AM	9:15-11:15 AM	11:15 AM - 11:30 AM	11:30 PM-1:30 PM	1:30 PM - 2:30 PM	2:30 PM-4:30 PM
May 26, 2025	Monday	Inaugural session	Evolution of wireless communication from 5G to 6G: Prof. Vimal bhatia, IIT Indore	Break	Federated Learning for Edge Networks: Dr. Om Jee Pandey, IIT (BHU)	Lunch Break	Federated Learning for Edge Networks: Dr. Om Jee Pandey, IIT (BHU)
May 27, 2025	Tuesday		Semantic Communication: Prof. Neetesh Purohit, Director SGSITS Indore	Break	Software-Defined Networking (SDN): Dr. Munesh Singh, Associate Professor, NIT Delhi	Lunch Break	Reconfigurable Intelligent Surface Assisted Integrated Sensing and Communication for 6G Networks: Dr Prabhat Kumar Sharma, VNIT Nagpur
May 28, 2025	Wednesday		Self-Interference Cancellation: Enabling Full Duplex Communications, Software-Defined Radio: Current Trends and Future Perspectives : Dr. Girish Chandra Tripathi, Lead Engineer, Tejas Network	Break	Reconfigurable Intelligent Surfaces: From Basic to Prototype: Dr Prabhat Kumar Sharma, VNIT Nagpur	Lunch Break	Reconfigurable Intelligent Surfaces: From Basic to Prototype: Dr Prabhat Kumar Sharma, VNIT Nagpur
May 29, 2025	Thursday		RSMA, NOMA : Dr Sandeep Kumar Singh, MNNIT Allahabad	Break	Short packet communication for 5G and beyond : Dr. Kamal Agrawal, Shiv Nadar University	Lunch Break	SWIPT enabled cooperative communication for modern generation networks : Dr. Kamal Agrawal, Shiv Nadar University
May 30, 2025	Friday		Molecular Communication for 6G Healthcare Applications: Dr. Satish K. Tiwari, PDPM IITDM Jabalpur	Break	Molecular Communication for 6G Healthcare Applications: Dr. Satish K. Tiwari, PDPM IITDM Jabalpur	Lunch Break	SWIPT enabled cooperative communication: Dr. Kamal Agrawal, Shiv Nadar University
May 31, 2025	Saturday		Building blocks of SDR for 5G and beyond communication: Prof Meenakshi Rawat, IIT Rookee	Break	Debugging of individual components in an SDR: Prof Meenakshi Rawat, IIT Rookee	Lunch Break	Multiple Access Techniques in RIS-assisted Systems: Analytical and Simulation Frameworks-II: Dr Sandeep Kumar Singh, MNNIT Allahabad
June 1, 2025	Sunday		Modelling and Mitigating Hardware Impairments in Next-Generation Wireless Networks: Dr. Girish Chandra Tripathi, Lead Engineer, Tejas Network	Break	Modelling and Mitigating Hardware Impairments in Next-Generation Wireless Networks: Dr. Girish Chandra Tripathi, Lead Engineer, Tejas Network	Lunch Break	Quiz and Valedictory Session
					Hands-on		