

Academic Days 2026 Schedule

Day 1: Thursday, 19 February 2026

9:30 am Yashwant Gupta: Opening Remarks

Session 1: Chair: Sushma Kurapati

09:40–10:00	Divya Oberoi	Enabling Solar Science with MeerKAT: Glimpses of Early Science
10:00–10:20	Puja Majee	A Multi-Vantage-Point Study of a Type II Solar Radio Burst
10:20–10:40	Surajit Mondal	Observations and implications of small-scale structures in the metrewave solar corona
10:40–11:00	Deepan Patra	Probing the Coronal Magnetic Field Using MeerKAT Observations
11:00–11:20	Rahul Sharan	Refractive Scintillation in Context: Comparing Pulsar Variability with Multiwavelength Sky Maps

11:20–11:50 Tea break

Session 2: Chair: Vivek Kumar Jha

11:50–12:10	Ayushi Shrivastava	Precision Timing study of PSR J1840+1102
12:10–12:30	Jayanta Roy	SPOTLIGHT on the Time-Domain Radio Sky at the GMRT
12:30–12:50	Yogesh Maan	Image-based Pulsar Surveys: Updates and Future Strategies
12:50–13:10	Ashish Kumar	Pulsar observables as distance probes: A unified DM-Scattering approach
13:10–13:30	Dipanjan Mitra	Probing Pulsar Magnetospheres with GMRT Polarimetry

13:30–14:30 Lunch

Session 3: Chair: Barnali Das

14:30–14:50	Bhaswati Bhattacharyya	Spectro-polarimetric study of millisecond pulsars
14:50–15:10	Jyotirmoy Das	GCGPS: Unveiling Hidden Pulsars in Globular Clusters with the GMRT
15:10–15:30	Sapan Sahoo	Search for Bright Pulses from MSPs J0248+4230 & J1207-5050
15:30–15:50	Pulak Mohapatra	Investigating Band-limited Emission from Magnetar XTE 1810-197
15:50–16:10	Ankita Ghosh	PSR J2101-4802: MSP with anomalous orbital period evolution

16:10–16:40 Tea break

Session 4: Chair: Sridhar Gajendran

16:40–17:00	Subhashis Roy	Analogues of Galactic centre non-thermal filaments in the rest of the Galaxy?
17:00–17:20	Banshi Lal	Lowest Radio Frequency Detection of a Magnetar
17:20–17:40	Ayan Biswas	Survey of Radio Emissions from Magnetic Hot Stars
17:40–18:00	Barnali Das	Monitoring campaign of a Main-sequence Radio Pulse emitter: Challenges and surprises

Day 2: Friday, 20 February 2026

Session 1: Chair: Surajit Mondal

09:30–09:50	Tanmay Das	Understanding the Ionosphere above GMRT using IRI
09:50–10:10	Visweshwar Ram Marthi	Super-resolution imaging through scintillometry
10:10–10:30	Arun Naidu	Argus: Commissioning the New OWFA Beamformer
10:30–10:50	Atharva Kulkarni	Modelling chromatic noise processes in pulsar timing array data sets
10:50–11:10	Dharam Vir Lal	Quantifying the silence in galaxy clusters

11:10–11:40 Tea break

Session 2: Chair: Arun Naidu

11:40–12:00	Sridhar Gajendran	LIGHT: Mining archival GMRT data for Long-Period Transients
12:00–12:20	Chahat Dudeja	Probing LPT J1634+44 with SPOTLIGHT and GWB
12:20–12:40	Yash Bhusare	Empirical Completeness Analysis for FRBs and Radio Transient Surveys
12:40–13:00	Ujjwal Panda	Catching Hyperactive FRBs with the GMRT
13:00–13:20	Nissim Kanekar	CATz in the COSMOS

13:20–14:20 Lunch

Session 3: Chair: Ayan Biswas

14:20–14:40	Archishman Khasnovis	HI properties of low-z Green Pea galaxies
14:40–15:00	Pralay Biswas	Resolved HI Study of a Star-Forming Elliptical Galaxy with uGMRT
15:00–15:20	Sushma Kurapati	Resolved Angular Momentum in Galaxies from the MHONGOOSE Survey
15:20–15:40	Vivek Kumar Jha	Galaxy Physical Properties in the LSST Era: Methods, Challenges, and Opportunities
15:40–16:00	Rashi Jain	Correct stellar masses of high-z galaxies using JWST/MIRI photometry

16:00–16:30 Tea break

Session 4: Chair: Bhaswati Bhattacharyya

16:30–16:50	Yogesh Wadadekar	Massive, quiescent galaxies ten billion light years away
16:50–17:10	Agniva Roychowdhury	Changing-look AGN 1ES 1927+654: jet launching in real time?
17:10–17:30	Saptarshi Sarkar	ANN-Based Emulators for Efficient Inference of Reionization Parameters
17:30–17:50	Debangana Maji	Tracing Thermal and Non-thermal Emission in the Galactic Center Region at Meter Wavelength with uGMRT
17:50–18:10	Preeti Kharb	The Nested Outflows in Seyfert Galaxies