

Cycle 24 Approved Proposals

Propoal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
24_001	Understanding the low frequency phenomena in the gamma-ray binary LS 5039	Benito Marcote Marc Ribo Josep M. Paredes C.H. IshwaraChandra	Barcelona Barcelona Barcelona NCRA	F	32	C.H. IshwaraChandra	none	Correlator - 2 Sideband
24_002	Constrain SED types of Unidentified Fermi Sources at Radio Band	An-Li Tsai Yuji Urata Chiranjib Konar	NCU NCU ASIAA	F	18	An-Li Tsai	consultation	
24_003	Remarkable tidal dwarf galaxy candidate in the halo of NGC 4634	Yelena Stein Eva Juette Ralf Juergen Dettmar	AIRUB AIRUB AIRUB	F	8		friend	Correlator - 2 Sideband
24_004	GMRT Observations of Fermi Unidentified Source 2FGL J0307.4+4915	Sagar Vijay Godambe Pratik Majumdar Manojendu Choudhury Ananda Hota	TIFR SINP CEBS NCRA	F	16	Sagar Vijay Godambe Pratik Majumdar Manojendu Choudhury Ananda Hota	none	Correlator - 2 Sideband
24_005	HI 21-cm in High-z CO Emitters: The Atomic-Molecular Connection	Stephen John Curran James Richard Allison Matthew Whiting Elaine Sadler Ramana Athreya Elizabeth Kate Mahony	Sydney Sydney ATNF Sydney IISER Pune ASTRON	F	9	Stephen John Curran James Richard Allison Ramana Athreya Elizabeth Kate Mahony	friend	Correlator - 2 Sideband
24_006	Do quasars with accretion disk wind have the same central engines with normal quasars?	Takayuki J HAYASHI Akihiro Doi Hiroshi Nagai	VLBI/NAOJ ISAS, JAXA ALMA/NAOJ	F	40	Takayuki J HAYASHI	consultation	Correlator - 2 Sideband, Integration time less than 8 seconds required for extended periods.
24_007	GMRT distant radio halo and relic survey	Reinout Johannes vanWeeren Dharam Vir Lal Huib Rottgering Huib Intema Annalisa Bonafede Marcus Bruggen Matthias Hoeft Andra Stroe william richard forman Christine Jones Sebastian Ernesto Nuza	CFA NCRA Leiden NRAO Hamburg Hamburg TLS Leiden CFA CFA AIP	F	68	Reinout Johannes vanWeeren Dharam Vir Lal Annalisa Bonafede	none	Correlator - 2 Sideband, 300.0GB Disk space required

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24_008	Simultaneous XMM-Newton Radio observations of the mode-switching radio pulsar PSR B1822-09	Dipanjan Mitra Willem Hermsen Jason WilliamThomas Hessels Lucian Kuiper Joeri vanLeeuwen Jelle de Plaa Joanna M Rankin Ben Stappers Geoffrey Wright Rahul Basu	NCRA SRON Astron SRON Amsterdam SRON Vermont Manchester Sussex NCRA	F	47	Dipanjan Mitra Rahul Basu	none	Correlator - 2 Sideband, Phased array required
24_009	HI observations of superthin galaxies	arunima banerjee Jayaram Narayanan Chengalur Narendranath Patra	NCRA NCRA NCRA	F	48	arunima banerjee Jayaram Narayanan Chengalur Narendranath Patra	none	Correlator - 2 Sideband, Short spacing critical
24_010	The detection of giant pulses from PSR J1136+1551	Zhigang Wen Na Wang Zhiyong Liu Jianping Yuan Hao Tong Wenming Yan	XAO XAO XAO XAO XAO XAO	N20	8	Zhigang Wen Zhiyong Liu Jianping Yuan Wenming Yan	friend	Correlator - 2 Sideband, Phased array required, Short spacing critical
24_011	Understanding the formation and evolution of protoclusters: Part 2	Emma Elizabeth Rigby Huub Rottgering Nina Hatch George Miley Jaron Kurk laura pentericci Helmut Dannerbauer Leah Kathleen Morabito	Sterrewacht Leiden Leiden Nottingham Sterrewacht Leiden MPE IISc UniWien Sterrewacht Leiden	F	32	Emma Elizabeth Rigby Huub Rottgering Nina Hatch Leah Kathleen Morabito	consultation	Correlator - 2 Sideband
24_012	150 MHz Synthesis Imaging Using Simultaneous GMRT and NRH Observations	Janardhan Padmanabhan claude mercier gilbert chambe Prasad Subramanian Susanta Kumar Bisoi Subramaniam	PRL Meudon Meudon IISER Pune PRL PU	F	40	Janardhan Padmanabhan Susanta Kumar Bisoi	consultation	Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods. 250.0GB Disk space required
24_013	Beta Gem b: An alternative candidate in the search for extrasolar planetary radio emission	Eamon Gerard O'Gorman Graham M. Harper Neal ÓRiain R A Osten	TCD TCD TCD STScI	F	11	Eamon Gerard O'Gorman	consultation	Correlator - 2 Sideband, Integration time less than 8 seconds required for extended periods.

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24_017	Study of a rare extended emission bridging interacting galaxies	Francesco deGasperin Marcus Bruggen Rainer Beck Annalisa Bonafede Huib Intema Wendy Williams	Hamburg Bremen MPIfR-Bonn Hamburg NRAO Leiden	F	16	Francesco deGasperin	consultation	Correlator - 2 Sideband, Short spacing critical
24_020	Multi-frequency follow up study of the widest profile millisecond pulsar J1536-4948	Bhaswati Bhattacharya Jayanta Roy	IUCAA NCRA	F	24	Bhaswati Bhattacharya Jayanta Roy	none	Correlator - 2 Sideband, Phased array required
24_021	Timing studies of millisecond pulsars discovered by the GMRT at the position of Fermi LAT sources	Jayanta Roy Bhaswati Bhattacharya Yashwant Gupta Dipankar Bhattacharya	NCRA IUCAA NCRA IUCAA	F	54	Jayanta Roy Bhaswati Bhattacharya	none	Correlator - 2 Sideband, Phased array required
24_022	Search for millisecond radio pulsations within the error boxes of Fermi LAT unassociated sources	Bhaswati Bhattacharya Jayanta Roy Yashwant Gupta Dipankar Bhattacharya Elizabeth Ferrara	IUCAA NCRA NCRA IUCAA Maryland	F	57	Bhaswati Bhattacharya Jayanta Roy	none	Correlator - 2 Sideband, Phased array required
24_023	Determining the low frequency Spectra of Off-pulse emission.	Rahul Basu	NCRA	F	20	Rahul Basu	none	Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods. 150.0GB Disk space required
24_025	HI 21-cm absorption follow-up of DLAs from SDSS BOSS	Neeraj Gupta Raghunathan Srianand Patrick Petitjean P. Noterdaeme hadi Rahmani	Astron IUCAA IAP IAP IUCAA	F	84	Neeraj Gupta Raghunathan Srianand	none	Correlator - High Res, Non standard frequency required
24_026	GMRT P-band deep survey of the HERSCHEL/HerMES ELAIS-N1 field	Yogesh Wadadekar Sandeep K. Sirothia C.H. IshwaraChandra Veeresh Singh Alain Omont Alexandre Beelen	NCRA NCRA NCRA IAS-Orsay IAP IAS-Orsay	F	90	Yogesh Wadadekar Sandeep K. Sirothia C.H. IshwaraChandra Veeresh Singh Alexandre Beelen	none	Correlator - 2 Sideband, Integration time less than 8 seconds required for extended periods. 1500.0GB Disk space required

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24_027	Investigations of Solar Radio Activity and its Association with X-ray Microflares	Hanumant Shankar Sawant Felipe RamosHald Madsen Sam Krucker Prasad Subramanian Marian Karlicky Hana Meszarosova Robert Sych Janardhan Padmanabhan Susanta Kumar Bisoi Reinaldo Rosa	INPE INPE UCB IISER Pune Ondrejov Ondrejov SB RAS PRL PRL INPE	F	36	Hanumant Shankar Sawant Prasad Subramanian Susanta Kumar Bisoi	consultation	Correlator - Full Polar, Short spacing critical, Integration time less than 8 seconds required for extended periods.
24_028	Regular Follow-up of some pulsars discovered with GMRT	Mayuresh Surnis BHAL CHANDRA JOSHI Maura Ann McLaughlin	NCRA NCRA West Virginia	F	15	Mayuresh Surnis	none	Correlator - 2 Sideband, Phased array required, Integration time less than 8 seconds required for extended periods.
24_033	HI observations of quasar-galaxy pairs at $z \sim 0.1$	Neeraj Gupta Raghunathan Srianand Patrick Petitjean P. Noterdaeme Sowgat Muzahid hadi Rahmani	Astron IUCAA IAP IAP IUCAA IUCAA	F	30	Neeraj Gupta Raghunathan Srianand Sowgat Muzahid hadi Rahmani	none	Correlator - High Res, Non standard frequency required
24_034	A Search for Radio-Loud Magnetic Cataclysmic Variables	Paul E Barrett David Boboltz Christopher Dieck BHAL CHANDRA JOSHI KP Singh Tony James Beasley Patrick Godon Paul A Mason	GWU USNO USNO NCRA TIFR NRAO Villanova NMSU	F	12	BHAL CHANDRA JOSHI	none	Correlator - 2 Sideband
24_035	Single Pulse study of two interesting pulsars	ARUN KUMAR NAIDU BHAL CHANDRA JOSHI Periasamy K. Manoharan	NCRA NCRA NCRA		16	ARUN KUMAR NAIDU	none	Correlator - 2 Sideband, Phased array required, Short spacing critical, 800.0GB Disk space required
24_036	Green Peas: Magnetic Fields and Nonthermal Electrons in Young Galaxies	Sayan Chakraborti Naveen Yadav Carolin Noel Cardamone Alak Ray	CFA TIFR Yale TIFR	F	49	Sayan Chakraborti Naveen Yadav Alak Ray	none	Correlator - 2 Sideband
24_037	Swift J1644+57: A GMRT View of the Birth of a Relativistic Outflow from a Supermassive Black Hole	Sayan Chakraborti Naveen Yadav Alak Ray Alicia Margarita Soderberg	CFA TIFR TIFR CFA	F	24	Sayan Chakraborti Naveen Yadav	none	Correlator - 2 Sideband

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24_038	Deep radio study towards the supernova remnants/TeV sources G22.7-00.2/HESS J1832-093 and G25.5+0.0/HESS J1837-069	BHAL CHANDRA JOSHI Mayuresh Surnis Gabriela Castelletti Gloria Dubner Naseer Iqbal	NCRA NCRA IAFE IAFE UOK	F	52	BHAL CHANDRA JOSHI Mayuresh Surnis Naseer Iqbal	none	Correlator - 2 Sideband, Phased array required, Short spacing critical, 1000.0GB Disk space required
24_039	Low-frequency radio emission from the surroundings of intermediate-mass black hole HLX-1	Aquib Moin Roberto Soria Zhongxiang Wang	SHAO Curtin SHAO	F	4		consultation	Correlator - 2 Sideband, Short spacing critical
24_041	Radio Observations of Black Holes and Neutron Stars Detected by HST	Kailash Sahu Sayan Chakraborti Naveen Yadav Thomas Michael Brown Henry C Ferguson Annalisa Calamida Mario Livio Martin Dominik	STScI CFA TIFR STScI STScI STScI STScI StA	F	18	Kailash Sahu Sayan Chakraborti Naveen Yadav	none	
24_042	Which accretion mode is on during quiescent phase of jet activity in AGN?	Chiranjib Konar Wei-Hao Wang Ronald Taam	ASIAA ASIAA ASIAA	F	106	Chiranjib Konar	consultation	Correlator - 2 Sideband, Short spacing critical
24_043	XXL: The history of black hole growth and the nature of radio-mode AGN feedback: Part II	Somak Raychaudhury Smolic Huub Rottgering Cathy Horellou Mark Birkinshaw Chiara Ferrari Sean McGee Malcolm Bremer Marguerite Pierre Cyril Tasse Wendy Williams Konstantinos Kolokythas	PRESIDENCY Aifa Leiden CUT Sweden Bristol OCA Leiden Bristol CEA/Sap OP Leiden Birmingham	F	45	Somak Raychaudhury Konstantinos Kolokythas	none	
24_044	Confirming candidate supernova remnants in the Galactic fourth quadrant with GMRT	Subhashis Roy David Alan Green Sabyasachi Pal Mayuresh Surnis BHAL CHANDRA JOSHI	NCRA Cavendish ICSP NCRA NCRA	F	56	Subhashis Roy Sabyasachi Pal Mayuresh Surnis BHAL CHANDRA JOSHI	none	Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods. 500.0GB Disk space required
24_045	Characterizing the intragroup medium with bent double lobed radio galaxies	Danielle M. Nielsen Eric Wilcots Emily Freeland Brian Morsony	Wisconsin Wisconsin TAMU Wisconsin	F	42	Danielle M. Nielsen	none	Correlator - 2 Sideband

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24_047	The GMRT-EoR Project: Continued analysis with the m-mode decomposition	Richard Shaw Ue Li Pen Liam Connor Gregory Paciga Hans Nguyen Jayanta Roy Yashwant Gupta TirthankarRoy Choudhury Jeff Peterson Tabitha Christine Voytek Tzu-Ching Chang Yu-Wei Liao Jon Sievers María Montero-Castaño Adrian Chi-Yan Liu Steve Myers	CITA CITA Toronto CITA Toronto NCRA NCRA HRI CMU, USA CMU, USA ASIAA ASIAA CITA Columbia MIT NRAO	F	78	Richard Shaw	none	Short spacing critical
24_051	The Galactic Mid-latitude Imaging and Pulsar Survey with GMRT	Mayuresh Surnis BHAL CHANDRA JOSHI Subhashis Roy Sabyasachi Pal Gopakumar Achamveedu Anuradha Gupta ARUN KUMAR NAIDU	NCRA NCRA NCRA ICSP TIFR TIFR NCRA	F	60	Mayuresh Surnis BHAL CHANDRA JOSHI ARUN KUMAR NAIDU	none	Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods.
24_053	Low-frequency observations of a gas cloud meeting the Galactic Centre black hole	Nissim Kanekar Nirupam Roy	NCRA NRAO	F	70	Nissim Kanekar Nirupam Roy	none	Correlator - 2 Sideband, Short spacing critical
24_054	Imaging radio recombination line emission from Galactic PDR/Partially ionized region/HII region - a pilot project	Nimisha Kantharia Abhishek Johri Anish Roshi	NCRA NCRA NRAO	F, A01	36	Nimisha Kantharia Abhishek Johri	none	Correlator - 2 Sideband, Short spacing critical
24_055	The spin temperature of high-redshift damped Lyman-alpha systems	Nissim Kanekar Jayaram Narayanan Chengalur	NCRA NCRA	F	90	Nissim Kanekar Jayaram Narayanan Chengalur	none	Correlator - 2 Sideband, Non standard frequency required