

Cycle 45 Approved Proposals

Proposal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
45_001	Studying seasonal variation of ionosphere on low-frequency uGMRT radio-interferometric redshifted 21-cm observations	Abhik Ghosh Sushanta Kumar Mondal Rupam Kumbhakar Srijita Pal Khandakar Md Asif Md Asif PARIMAL GHOSH	B.B College SKBU SKBU IIT, Kharagpur IIT, Kharagpur B.B College		6	Abhik Ghosh Sushanta Kumar Mondal Rupam Kumbhakar Srijita Pal Khandakar Md Asif Md Asif PARIMAL GHOSH	consultation	Integration time less than 8 seconds required for extended periods. 650.0GB Disk space required
45_002	Study of Galaxy-Cluster Interaction: Cases of Three Giant Radio Galaxies Residing in Cluster Environment	Shobha Kumari Sabyasachi Pal Surajit Paul	VU ICSP PU		4	Shobha Kumari	none	
45_006	Indian Pulsar Timing Array (InPTA) experiment using the upgraded wideband GMRT : Update July 2023	Mayuresh Surnis BHAL CHANDRA JOSHI Yashwant Gupta Gopakumar Achamveedu Yogesh Maan Manjari Bagchi Shantanu Desai Prabu Thiagaraj Jaikhomba Singha Aman Srivastava Nobleson Kunjappy Subhajit Dandapat Shinnosuke Hisano Arul Pandian Abhimanyu Susobhanan Lankeswar Dey Neelam Dhanda Batra Krishnakumar MA Pratik Tarafdar Prerna Rana Tomonosuke Kikunaga Adarsh Bathula Keitaro Takahashi Neel Kolhe Ryo Kato Paramasivan Arumugam Avinash Kumar Paladi	IISER-B NCRA NCRA TIFR NCRA IMSc IITH RRI IITR IITH BITS-Hyd TIFR Kumamoto RRI TIFR TIFR BITS-Hyd UBI IMSc TIFR Kumamoto IISERM Kumamoto SXCA OCU IITR IIST	null	240	Yashwant Gupta Manjari Bagchi Shantanu Desai Prabu Thiagaraj Jaikhomba Singha Aman Srivastava Nobleson Kunjappy Subhajit Dandapat Arul Pandian Abhimanyu Susobhanan	none	Correlator - 2 Sideband, Phased array required, 3000.0GB Disk space required

Proposal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
45_007	Target of Opportunity Follow-up Observations of Magnetars in Outburst with uGMRT	Mayuresh Surnis Ben Stappers Fabian Jankowski Kaustubh Milind Rajwade Manisha Caleb BHAL CHANDRA JOSHI Yogesh Maan Manjari Bagchi Banshi Lal	IISER-B Manchester JBCA JBCA JBCA NCRA API IMSc NCRA		4		none	Phased array required, Integration time less than 8 seconds required for extended periods. 350.0GB Disk space required
45_008	Low Frequency Follow-up of PSR J1818-1607 with the uGMRT	Mayuresh Surnis Ben Stappers Kaustubh Milind Rajwade BHAL CHANDRA JOSHI Yogesh Maan Manjari Bagchi Michael Kramer Kuo Liu Banshi Lal	IISER-B Manchester JBCA NCRA Astron IMSc MPIfR-Bonn MPIfR NCRA		12		none	Phased array required, Integration time less than 8 seconds required for extended periods. 2100.0GB Disk space required
45_010	Investigating the gradual exit of WR125 from its periastron passage: a unique opportunity for the next 30 years	Bharti Arora Michael De Becker Anandmayee Tej	ULG ULG IIST		10		consultation	
45_011	Mapping the Low-Frequency Spectrum of NGC2276 and its Extreme Stripped Tail	Ian Roberts Reinout Johannes vanWeeren Alessandro Ignesti Neven Tomicic	LeidenObs LeidenObs INAF-OAPD UniZg		22		none	500.0GB Disk space required
45_012	Low frequency spectral line and continuum observations towards complex organic molecule rich hot-corino NGC1333 IRAS 4A	Dipen Sahu Nirupam Roy Sheng-Yuan Liu Narendra Nath Patra Ankan Das Bhalamurugan Sivaraman	PRL IISc ASIAA IIT-Indore ICSP PRL		9		none	1490.0GB Disk space required
45_013	The RADio Magnetospheres of A, B and O Stars (RAMBO)	Zsolt Keszthelyi Yuhei Iwata Kohei Kurahara Yuka Fujii Shintaro Yoshiura Haruka Sakemi Koh Takahashi	NRO-NAOJ VLBI/NAOJ VLBI/NAOJ TiTech VLBI/NAOJ ALMA/NAOJ NRO-NAOJ		11		consultation	

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45_015	sub-GHz counterparts of gravitational waves from mergers involving neutron star/s	Poonam Chandra Mooley Alessandra Corsi Joeri vanLeeuwen Tara Murphy Mansi M Kasliwal Nayana AJ Varun Bhalerao Shriharsh P. Tendulkar Dipankar Bhattacharya Arvind Balasubramanian Dale A Frail Gregg Hallinan Dougal Dobie David Kaplan Kelly Gourdji Ashna Gulati Rob Fender Daniel Perley Patrick Woudt Adam Deller	NCRA IPAC TTU Astron Sydney IPAC IIA IITB NCRA IUCAA TIFR NRAO IPAC Sydney UWM Swinburne Sydney Oxford JMU Cape Town Astron		15		none	
45_016	Continuation of the low frequency uGMRT monitoring of the Double pulsar	BHAL CHANDRA JOSHI Michael Kramer Dick Manchester Marta Burgay Andrea Possenti Duncan Ross Lorimer Maura Ann McLaughlin Ingrid Stairs Norbert Wex Huanchen Hu	NCRA MPIfR-Bonn CASS INAF-OAC INAF-OAC West Virginia West Virginia British Columbia MPIfR MPIfR		16	BHAL CHANDRA JOSHI	none	Phased array required, Integration time less than 8 seconds required for extended periods. 1000.0GB Disk space required
45_017	uGMRT observations of A496	Andrea Botteon Fabio Gastaldello Christopher John Riseley Reinout Johannes vanWeeren	INAF-IRA IASF-Milano INAF Bologna LeidenObs		12		none	Integration time less than 8 seconds required for extended periods.

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45_018	Highly resolved spectral index study of 3C129 and follow-up of newly discovered radio halo and relic	Andrea Botteon Gianfranco Brunetti Emanuele De Rubeis Martin Hardcastle Matteo Murgia Kamlesh Rajpurohit Reinout Johannes vanWeeren	INAF-IRA INAF-IRA Bologna Hertfordshire INAF-OAC CFA LeidenObs		30		none	Integration time less than 8 seconds required for extended periods. 400.0GB Disk space required
45_019	Radio WISSH: tuning on the most luminous quasars in the Universe	Gabriele Bruni Piconcelli Francesca Panessa Javier Moldon Miguel Perez-Torres Cristian Vignali Giustina Vietri	INAF-IAPS INAF-OAR INAF IAPS Rome IAA, Spain CSIC Bologna IASF-Milano INAF		120		consultation	
45_020	Particle Acceleration in PLCKG287+32 and RXCJ1314-2515	Kamlesh Rajpurohit Marisa Brienza Chiara Stuardi Annalisa Bonafede Ewan O'Sullivan william richard forman Matthias Hoeft Paola Dominguez Fernandez franco vazza Christine Jones Arvind Singh Rajpurohit Marcus Bruggen Gianfranco Brunetti Christopher John Riseley	CFA OABO-INAF DIFA Unibo INAF-IRA CFA CFA TLS CFA DIFA Unibo CFA PRL Hamburg INAF-IRA Bologna		24		none	Integration time less than 8 seconds required for extended periods. 2000.0GB Disk space required
45_021	Deep observations of AGN feedback in the archetypal cooling flow group NGC 5044	Kamlesh Rajpurohit Ewan O'Sullivan Konstantinos Kolokythas Laurence Paul David Gerrit Schellenberger Jan M. Vrtilik william richard forman Giacintucci Simona Christine Jones	CFA CFA NW University CFA CFA CFA CFA CFA NRL CFA		24		none	Integration time less than 8 seconds required for extended periods. 1000.0GB Disk space required

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45_022	Direct Mapping of the Cosmic Web around the Pandora cluster	Kamlesh Rajpurohit Marisa Brienza franco vazza Ewan O'Sullivan william richard forman Christine Jones Paola Dominguez Fernandez Reinout Johannes vanWeeren Martijn Simon Soen Liong Oei Urmila Chadayammuri	CFA OABO-INAF DIFA Unibo CFA CFA CFA CFA LeidenObs LeidenObs CFA		42		none	Integration time less than 8 seconds required for extended periods. 2000.0GB Disk space required
45_025	Probing star-planet interaction in the nearby M-dwarf stars GJ 1214 and GJ 674	Luis Peña Miguel Perez-Torres Jose-Francisco Gomez Pedro J. Amado Guillem Anglada Javier Moldon Jose A. Caballero Daniele Viganò Simranpreet Kaur Devojyoti Kansabanik	IAA, Spain CSIC CSIC CSIC IAA, Spain IAA, Spain CAB (CSIC-INTA) IEEC-CSIC IEEC-CSIC NCRA		18		consultation	
45_026	A pilot pulsar survey for extreme-scattering-induced lensing	Visweshwar Ram Marthi	NCRA		18		none	Phased array required, 6000.0GB Disk space required
45_027	Orbital parameterisation of five new binary eclipsing pulsars	Natasha Hurley-Walker Samuel James McSweeney Ziteng Wang Yogesh Maan	Curtin Curtin Curtin Astron		17		none	Integration time less than 8 seconds required for extended periods. 3300.0GB Disk space required
45_028	Low-frequency monitoring of the Magnetar XTE 1810-197	Yogesh Maan Banshi Lal Visweshwar Ram Marthi Mayuresh Surnis BHAL CHANDRA JOSHI Krishnakumar MA	NCRA NCRA NCRA West Virginia NCRA UBI		15	Banshi Lal	none	Phased array required, Integration time less than 8 seconds required for extended periods. 1000.0GB Disk space required
45_029	Understanding the wide-band single-pulse properties of bright radio pulsars with the upgraded GMRT	Fabian Jankowski Jean-Mathias Griessmeier Mayuresh Surnis Gilles THEUREAU	CNRS CNRS IISER-B CNRS		15		friend	Phased array required, 960.0GB Disk space required

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45_031	Uncovering the faintest peaked-spectrum radio sources	Luchsinger Srikrishna Sekhar Russ Taylor MATTIA VACCARI Jordan Collier Dharam Vir Lal C.H. IshwaraChandra	UWC IDIA Cape Town UWC IDIA NCRA NCRA		8	Luchsinger	none	Integration time less than 8 seconds required for extended periods. 2400.0GB Disk space required
45_032	uGMRT follow-up observations of the recurrent nova RS Ophiuchi in its 2021 outburst	Nayana AJ G.C. Anupama Nirupam Roy Dipankar Banerjee KP Singh U S Kamath Sonith L.S	IIA IIA IISc PRL TIFR IIA IIA		6		none	
45_034	Studying giant double-double radio galaxies (DDRGs) from LoTSS - II	Mousumi Mahato Pratik Dabhade D.J. Saikia	TO I.N.G. IUCAA		12		none	
45_035	Re-energising fossil plasma in galaxy clusters	Luca Bruno Daniele Dallacasa Tiziana Venturi Andrea Botteon Marisa Brienza Xiaoyuan Zhang Francesco de Gasperin Fabio Gastaldello Kamlesh Rajpurohit Biava Marco Balboni Giulia Lusetti Gabriella Di Gennaro Alessandro Ignesti Emanuele De Rubeis Reinout Johannes vanWeeren Huub Rottgering Marcus Bruggen Rossella Cassano Thomas Pasini Henrik Wilhelm Edler Gianfranco Brunetti Virginia Cuciti	DIFA Unibo Bologna INAF-IRA INAF-IRA OABO-INAF LeidenObs IRA-INAF IASF-Milano INAF CFA DIFA Unibo IASF-Milano INAF Hamburg Hamburg INAF-OAPD Bologna LeidenObs Leiden Hamburg INAF-IRA Hamburg Hamburg INAF-IRA Hamburg		35		none	Integration time less than 8 seconds required for extended periods. 1200.0GB Disk space required

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45_036	Probing HII regions FUors and EXors	Koshvendra Singh Devendra Kumar Ojha Joe Philip Ninan	TIFR TIFR TIFR		3	Koshvendra Singh	friend	
45_037	Low frequency radio emission characteristics of ultracool dwarf 2M 0746+20	Fuminori Tsuchiya Hiroaki Misawa Hajime Kita Rikuto Yasuda Tomoki Kimura Yuka Fujii Yozi Kuwayama	Tohoku Tohoku Tohtech Tohoku Tohoku TiTech Tohoku		12		none	
45_038	AGN remnant plasma transported by sloshing in the galaxy group IC 1860	Marisa Brienza Kamlesh Rajpurohit Fabio Gastaldello Giacintucci Simona Annalisa Bonafede franco vazza	OABO-INAF CFA IASF-Milano INAF NRL INAF-IRA DIFA Unibo		21		none	Integration time less than 8 seconds required for extended periods. 1000.0GB Disk space required
45_039	Investigating X-ray/Radio Variability and the Fundamental Plane of Black Hole Activity.	Ayushi Chhipa Vivek M Nayana AJ Rachana . Sushant Kumar	IIA IIA IIA IISc IIA		15	Ayushi Chhipa Rachana . Sushant Kumar	none	
45_040	A first follow-up at radio frequencies of the 20-Myr old multi-planet host star V1298 Tau	Mario Damasso Simranpreet Kaur Daniele Viganò Fabio Del Sordo Miguel Perez-Torres Oscar Morata Antonino Francesco Lanza Devojyoti Kansabanik Luis Peña	INAF-OATo IEEC-CSIC IEEC-CSIC IEEC-CSIC CSIC ICE INAF-OAct NCRA IAA, Spain		6		consultation	
45_042	Continuing the campaign on radio emission from massive sub-stellar objects: a new promising candidate	Rebeca Pirvu Simranpreet Kaur Daniele Viganò Oscar Morata Josep M Girart Alvaro Sanchez-Monge Fabio Del Sordo Mario Damasso Devojyoti Kansabanik	IEEC-CSIC IEEC-CSIC IEEC-CSIC ICE IEEC-CSIC IEEC-CSIC IEEC-CSIC INAF-OATo NCRA		8		consultation	

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45_043	Target of opportunity proposal for monitoring pulse-shape changes in the International Pulsar Timing Array pulsar sample: Update July 2023	Pratik Tarafdar Jaikhomba Singha BHAL CHANDRA JOSHI Yogesh Maan Prerna Rana Neelam Dhanda Batra Subhajit Dandapat Nobleson Kunjappy Krishnakumar MA Ryo Kato Mayuresh Surnis Manjari Bagchi Shantanu Desai Yashwant Gupta SARMISTHA BANIK Prabu Thiagaraj Keitaro Takahashi Paramasivan Arumugam Periasamy K. Manoharan Aman Srivastava Divyansh Kharbanda Neel Kolhe Adarsh Bathula Tomonosuke Kikunaga Shinnosuke Hisano Arul Pandian Avinash Kumar Paladi	IMSc IITR NCRA NCRA TIFR Delhi Univ TIFR BITS-Hyd UBI OCU IISER-B IMSc IITH NCRA BITS-Hyd RRI Kumamoto IITR NCRA IITH IITH St Xavier's College IISERM Kumamoto Kumamoto RRI IISc		10	Pratik Tarafdar Jaikhomba Singha BHAL CHANDRA JOSHI Yogesh Maan Prerna Rana Neelam Dhanda Batra Subhajit Dandapat Nobleson Kunjappy Mayuresh Surnis Manjari Bagchi Shantanu Desai Yashwant Gupta SARMISTHA BANIK Prabu Thiagaraj Paramasivan Arumugam Aman Srivastava Divyansh Kharbanda Neel Kolhe Adarsh Bathula Arul Pandian Avinash Kumar Paladi Debabrata Deb Jyotijwal Debnath	none	Phased array required
45_046	%latex% Spectral analysis of the giant radio galaxy J1424+3436 detected in the LOFAR Bo\''otes deep field	Marco Simonte Marcus Bruggen Gabiella Di Gennaro Heinz Andernach	Hamburg Hamburg Hamburg UGTO		16		none	Integration time less than 8 seconds required for extended periods.
45_047	Shocks (among us) in the IGrM of HCG15: fossil plasma reacceleration by a high-velocity galaxy interloper	Christopher John Riseley Annalisa Bonafede Marisa Brienza Fabio Gastaldello Lorenzo Lovisari Ewan O'Sullivan Kamlesh Rajpurohit Tessa Vernstrom	DIFA Unibo DIFA Unibo OABO-INAF IASF-Milano INAF OABO-INAF CFA CFA ICRAR		20		none	
45_053	Waves from the Abyss: Exploring Abell S1063 at Low frequencies	Ramananda Santra	NCRA		13		none	

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45_054	Unveiling the Enigma: A Journey into the Depths of Mystery in Abell 2029	Ramananda Santra Ruta Kale	NCRA NCRA		11		none	
45_056	Unveiling MACSJ0417-1145: Decoding Diffuse Emission through Low Frequency Observations	Ramananda Santra	NCRA		20		none	Integration time less than 8 seconds required for extended periods. 1000.0GB Disk space required
45_057	A Journey into the Hidden Realms of RXCJ1314.4-2515	Ramananda Santra	NCRA		18		none	
45_059	HI emission in the host galaxies of fast radio bursts	Marcin Glowacki Karen Lee-Waddell Apurba Bera Kelley Hess	Curtin ICRAR Curtin Kapteyn		23		none	800.0GB Disk space required
45_060	uGMRT follow-up of a compact object merger in LVK-O4	Tanmoy Laskar Kate D Alexander Edo Berger Ryan Chornock Deanne Coppejans Paul Cole Duffell Hendrik vanEerten Tarraneh Eftekhari Wen-fai Fong Aprajita Hajela Raffaella Margutti Patricia Schady	UofU Arizona CFA UCB Warwick CFA University of Bath Northwestern Northwestern Northwestern Northwestern University of Bath	null	15		consultation	Correlator - 2 Sideband
45_061	Constraining the progenitors and environments of Gamma-ray Bursts with uGMRT	Tanmoy Laskar Kate D Alexander Edo Berger Ryan Chornock Deanne Coppejans Hendrik vanEerten Wen-fai Fong Cristiano Guidorzi Raffaella Margutti Patricia Schady	UofU Arizona CFA UCB Warwick University of Bath Northwestern UNIFE UCB University of Bath	null	20		consultation	Correlator - 2 Sideband
45_062	Bridging the Gap: Investigating radio emission from Brown Dwarfs as a segue to understanding the auroral emission in Jovian exoplanets	Mayank Narang Himanshu Tyagi Bihan Banerjee Manoj Puravankara Arun Surya Prasanta Kumar Nayak	ASIAA TIFR TIFR TIFR TIFR IDA		16	Himanshu Tyagi	none	

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45_063	Hybrid Morphology Radio Sources and the Role of Cluster Environment	Pavan Vijay Khadekar Dharam Vir Lal Ramana Athreya	IISER Pune NCRA IISER Pune		20	Pavan Vijay Khadekar	none	Integration time less than 8 seconds required for extended periods.
45_064	Investigation of eclipse properties of spider MSPs	Sangita Kumari Bhaswati Bhattacharyya Ankita Ghosh	NCRA NCRA NCRA		15		none	Phased array required, 3500.0GB Disk space required
45_065	Investigating changes in eclipse cut-off frequency for PSR J1544+4937	Sangita Kumari Bhaswati Bhattacharyya	NCRA NCRA		20		none	Phased array required, 3400.0GB Disk space required
45_066	Investigating variations of dispersion measure for the spider MSP J1959+2048 and its possible implications towards the timing studies	Sangita Kumari Bhaswati Bhattacharyya Jayanta Roy	NCRA NCRA NCRA		10		none	Phased array required
45_070	Monitoring of Glitching Pulsars using upgraded GMRT	Himanshu Grover Erbil Güğercinoğlu Jaikhomba Singha BHAL CHANDRA JOSHI Paramasivan Arumugam Shantanu Desai Debades Bandyopadhyay Innocent Okwudili Eya James Okwe Chibueze Johnson Ozoemenam Urama Anu Kundu SARMISTHA BANIK	IITR NAOC IITR NCRA IITR IITH SINP UNN NW University UNN NW University BITS-Hyd	null	40		none	Correlator - 2 Sideband, Phased array required, Integration time less than 8 seconds required for extended periods.
45_071	Target of Opportunity (ToO) Observations of magnetar XTE J1810-197	Banshi Lal Yogesh Maan Yash Bhusare	NCRA Astron NCRA		10		none	Phased array required, Integration time less than 8 seconds required for extended periods. 1200.0GB Disk space required
45_072	uGMRT LOW-MAss galaxy Cluster Survey (GLOMACS) using the band 3: Part-III	Surajit Paul Ruta Kale Abhirup Datta Sameer Tanaji Salunkhe Swarna Chatterjee PRATEEK GUPTA	PU NCRA IIT-Indore NCRA IIT-Indore PU		50	Surajit Paul	none	Integration time less than 8 seconds required for extended periods. 10000.0GB Disk space required
45_074	uGMRT Observations of MIR bubble [HKS2019] E71	Aayushi Verma Saurabh Sharma Lokesh Kumar Dewangan Devendra Kumar Ojha	ARIES ARIES PRL TIFR		10		none	

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45_075	Continuing the Radio Continuum Observations of Low-redshift metal-poor Extreme Star-forming Galaxies	Omkar Suresh Bait Daniel Schaerer Yuri I. Izotov Biny Sebastian	UniGe UniGe BITP UofM		24		none	
45_077	Resolved spectral study of Abell 194 and its diffuse radio emission	Stefan Duchesne Christopher John Riseley Kamlesh Rajpurohit	CASS Bologna DIFA Unibo		10		none	
45_079	uGMRT ToO observations of Galactic Novae with special emphasis on the Recurrent Nova T Coronae Borealis	Nayana AJ G.C. Anupama Nirupam Roy Dipankar Banerjee KP Singh U S Kamath Sonith L.S	IIA IIA IISc PRL TIFR IIA IIA		12		none	
45_080	Studying low-frequency eclipses for six spider millisecond pulsars	Ankita Ghosh Bhaswati Bhattacharyya Sangita Kumari	NCRA NCRA NCRA		41	Ankita Ghosh Sangita Kumari	none	Phased array required
45_081	uGMRT observations of one of the brightest radio novae - V1405\Cas in its 2021 outburst	Nayana AJ G.C. Anupama Nirupam Roy Dipankar Banerjee KP Singh U S Kamath Sonith L.S	IIA IIA IISc PRL TIFR IIA IIA		8		none	
45_082	Search for pulsars in Globular Clusters	Jyotirmoy Das Jayanta Roy Scott M. Ransom Karel Adamek Wes Armour	NCRA NCRA NRAO Oxford Oxford		30	Jyotirmoy Das Jayanta Roy	none	Phased array required, 4000.0GB Disk space required
45_083	Probing signatures of AGN-quenching in pre-reionization fossil galaxy candidates - a pilot study	Atharva Mirashi Narendra Nath Patra	IIT Indore IIT-Indore		27		none	
45_084	Searching for radio counterparts of Fermi-detected spider millisecond pulsar candidates.	Ankita Ghosh Bhaswati Bhattacharyya	NCRA NCRA		12	Ankita Ghosh	none	Phased array required

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45_085	Continued monitoring of the brightest radio afterglow detected by GMRT	Kuntal Misra Martin Blazek Michael Bremer ANKUR GHOSH Luca Izzo David Alexander Kann Resmi Lekshmi Michal Jerzy Michalowski Daniel Perley Ruben Sanchez Ramirez Steve Schulze Christina Thoene Antonio deUgartePostigo	ARIES CSIC IRAM ARIES CSIC IAA, Spain IIST Poznan JMU CSIC WIS IAA, Spain CSIC	null	9	ANKUR GHOSH	none	Correlator - 2 Sideband
45_086	Obtaining the First Band-5 uGMRT Polarization Data of a Seyfert+LINER Sample	SALMOLI GHOSH Preeti Kharb	NCRA NCRA		55	SALMOLI GHOSH	none	
45_087	Tracing the Origin of Filaments in Radio Relics with uGMRT low-frequency Polarization Studies	Arpan Pal Ruta Kale	NCRA NCRA		16	Arpan Pal	none	Integration time less than 8 seconds required for extended periods. 1200.0GB Disk space required
45_088	Searching for Diffuse Radio Emission in the eFEDS Galaxy Clusters	Arpan Pal Ruta Kale	NCRA NCRA		8	Arpan Pal	none	Integration time less than 8 seconds required for extended periods. 1200.0GB Disk space required

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45_090	Quasi-simultaneous monitoring of MSPs from uGMRT and MeerKAT: Update July 2023	Prerna Rana Matthew Bailes BHAL CHANDRA JOSHI Ryan Shannon Renee Spiewak Sarah Buchner Manjari Bagchi Shantanu Desai Jaikhomba Singha Pratik Tarafdar Neelam Dhanda Batra Krishnakumar MA Avinash Kumar Paladi Debabrata Deb Mohsen Shamohammadi Nobleson Kunjappy Subhajit Dandapat Churchil Dwivedi Aman Srivastava Fazal Kareem Prabu Thiagaraj	TIFR Swinburne NCRA Swinburne Swinburne SKASA IMSc IITH IITR IMSc BITS-Hyd UBI IIST IMSc Swinburne BITS-Hyd TIFR IIST IITH IISER-K RRI		15		none	Phased array required, 1200.0GB Disk space required
45_091	GLIMPSE: GMRT Low-frequency Imaging to reveal Massive Progenitors of SupernovaE	Poonam Chandra Raphael Baer-Way Nayana AJ Roger Chevalier Keiichi Maeda Alak Ray Stuart Ryder Maryam Modjaz	NCRA UVa IIA UVa kusastro TIFR MQ UVa		38		none	
45_092	uGMRT follow up of five radio bright young core collapse supernovae	Poonam Chandra Raphael Baer-Way Nayana AJ Roger Chevalier Keiichi Maeda Alak Ray Maryam Modjaz	NCRA UVa IIA UVa kusastro TIFR UVa		42		none	
45_093	Improved uGMRT observations of the radio trail from CXOU J163802.6-471358	Subhashis Roy David Alan Green	NCRA Cavendish	F	6		none	Correlator - 2 Sideband

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45_095	Metrewave Galactic Plane with the uGMRT (MeGaPluG) survey: Phase 1	Nirupam Roy Rohit Dokara Karl M. Menten Sarita Vig Md Rashid Henrik Beuther Andreas Brunthaler Jagadheep D Pandian Michael Rainer Rugel Prasun Dutta	IISc IISc MPIfR IIST IISc MPIA MPIfR-Bonn IIST MPIfR IIT (BHU) Varanasi		60		none	500.0GB Disk space required
45_097	Studying a rare triple-double radio galaxy with uGMRT	Kshitij Sanjay Chavan Pratik Dabhade D.J. Saikia	IUCAA I.N.G. IUCAA		8		none	
45_098	Target of Opportunity proposal for post-glitch high cadence monitoring of glitches in frequent glitching pulsars using uGMRT	Himanshu Grover Erbil Gügercinoglu Jaikhomba Singha BHAL CHANDRA JOSHI Paramasivan Arumugam Shantanu Desai Debades Bandyopadhyay Innocent Okwudili Eya James Okwe Chibueze Johnson Ozoemenam Urama Anu Kundu SARMISTHA BANIK	IITR NAOC IITR NCRA IITR IITH SINP UNN NW University UNN NW University BITS-Hyd		10		none	Phased array required, Integration time less than 8 seconds required for extended periods.
45_099	Exploring the Radio Marvel of PLCKG287.0+32.9 via uGMRT	Sameer Tanaji Salunkhe Ramananda Santra Ruta Kale	NCRA NCRA NCRA		18		none	Integration time less than 8 seconds required for extended periods. 1000.0GB Disk space required
45_100	Long term synoptic monitoring of the Sun using uGMRT - A pilot study	Anshu Kumari Mugundhan Vijayaraghavan Atul Mohan Diana Morosan Bhargav Vaidya	NASA GSFC CUT Sweden UiO UH IIT Indore		15		consultation	Integration time less than 8 seconds required for extended periods. 2790.0GB Disk space required

Proposal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
45_102	Radio follow-up of Gravitational Wave Events from compact binary coalescence with uGMRT	Shraddha Mohnani Biswajit Banerjee Amit Shukla Giancarlo Ghirlanda Gor Oganessian Swarna Chatterjee Krishna Kumar Singh Sushmita Agarwal Marica Branchesi Boris Goncharov Kuldeep Kumar Yadav Basudeb Dasgupta Abhirup Datta Jayashree Roy Varsha Chitnis Chinmay Borwankar Sagar Vijay Godambe Bitan Ghosal Pradeep Chandra Subir Bhattacharyya Mankuzhiyil G.C. Anupama Pawan Tiwari	IIT-Indore GSSI IIT-Indore INAF-OAB GSSI IIT-Indore ApSD-BARC IIT-Indore GSSI GSSI ApSD-BARC TIFR IIT-Indore IUCAA TIFR BARC ApSD-BARC BARC BARC BARC ApSD-BARC IIA GSSI		1	Shraddha Mohnani Swarna Chatterjee	none	
45_107	Continuing the hunt for rotationally excited CH	Arshia Maria Jacob Meera Nandakumar Karl M. Menten Nirupam Roy	JHU IISc MPIfR IISc		19		none	500.0GB Disk space required
45_108	Radio flux and spectral evolution of a peculiar TDE identified in a massive red galaxy	Xinwen Shu Lei Yang Sun Zhang Fabao Zhang	AHNU AHNU AHNU AHNU		8		consultation	
45_109	Tracking the Rotation Measure of FRB 20180916B	Suryarao Bethapudi Visweshwar Ram Marthi Laura Spitler Dongzi Li Robert Main Robert Wharton Marlon Luis Bause	MPIfR NCRA MPIfR IPAC MPIfR JPL MPIfR		10		consultation	Phased array required, 1687.5GB Disk space required

Proposal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
45_110	Localization and Timing study of a newly GMRT-discovered millisecond pulsar	Yogesh Maan Yash Bhusare Banshi Lal	NCRA NCRA NCRA		20	Yash Bhusare	none	Phased array required, Integration time less than 8 seconds required for extended periods. 1700.0GB Disk space required
45_111	Long-term timing follow-up for the third transitional redback millisecond pulsar J1227-4853	Jayanta Roy Paul Ray Bhaswati Bhattacharyya Ben Stappers Jayaram Narayanan Chengalur Sanjay S. Kudale Tyrel J. Johnson Matthew Kerr Patrick Weltevrede Paulo Cesar Freire	NCRA NRL NCRA Manchester NCRA NCRA GMU NRL Manchester MPIFR		11	Bhaswati Bhattacharyya Jayaram Narayanan Chengalur Sanjay S. Kudale	none	Phased array required
45_112	Long-term timing of GMRT discovered millisecond pulsars	Jayanta Roy Shyam Sunder Bhaswati Bhattacharyya Lina Levin Ben Stappers Paul Ray Sanjay S. Kudale	NCRA NCRA NCRA Manchester Manchester NRL NCRA		30	Shyam Sunder Bhaswati Bhattacharyya Sanjay S. Kudale	none	Phased array required, 8192.0GB Disk space required
45_113	uGMRT ToO observations of fast-rising blue optical transients (FBOTs)	Nayana AJ Poonam Chandra Anna Ho Daniel Perley Raffaella Margutti Ryan Chornock G.C. Anupama	IIA NCRA IPAC JMU Northwestern Northwestern IIA		16		none	
45_114	A uGMRT survey of Radio Jets from nearby Protostars	Himanshu Tyagi Manoj Puravankara Mayank Narang Bihan Banerjee Arun Surya Prasanta Kumar Nayak	TIFR TIFR ASIAA TIFR TIFR IDA		20		none	
45_115	uGMRT observation to reveal the fate of massive star-forming filaments	Arup Kumar Maity Lokesh Kumar Dewangan Naval Kishor Bhadari	PRL PRL PRL		10	Arup Kumar Maity	friend	

Proposal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
45_116	Search for diffuse radio emission in new X-ray detected RXGCC clusters	Swarna Chatterjee Abhirup Datta Majidul Rahaman Ramij Raja	IIT-Indore IIT-Indore IIT-Indore Rhodes		40		none	
45_117	uGMRT proposal to observe two fast rising blue optical transient - AT 2023hkw and AT 2023fhn	Nayana AJ Anna Ho Daniel Perley Poonam Chandra G.C. Anupama	IIA IPAC JMU NCRA IIA		18		none	
45_119	Low-frequency study of death-line pulsars	Shubham Singh Jyotirmoy Das Rahul Sharan Jayanta Roy Shyam Sunder Arpan Pal Ajay Kumar Bhaswati Bhattacharyya	NCRA NCRA NCRA NCRA NCRA NCRA NCRA NCRA		24	Rahul Sharan	none	Phased array required, 4096.0GB Disk space required
45_122	High-time Resolution Polarimetric Study of FRB 20180916B with the uGMRT	Siddhartha Bhattacharyya Jayanta Roy Apurba Bera	NCRA NCRA NCRA		20		none	Phased array required
45_123	Broadband radio monitoring of tidal disruption events	Adelle Jane Goodwin James Miller-Jones Kate D Alexander Deanne Coppejans sjoert vanvelzen Yvette Cendes Tanmoy Laskar Tarraneh Eftekhari	Curtin Curtin Northwestern Northwestern RU Nijmegen CFA RU Nijmegen CFA		21		none	
45_124	The search for redshifted HI signal in z range 1.8 - 3.7 with the uGMRT	Akriti Sinha Abhirup Datta Sarvesh Mangla Arnab Chakraborty	IIT Indore IIT-Indore IIT-Indore McGill		25	Sarvesh Mangla	none	Integration time less than 8 seconds required for extended periods.
45_126	Dynamical origins of vertical structure in Milky Way analog UGC 10738	Aditya K Mousumi Das Peter Kamphuis	IISER Tirupati IIA AIRUB		9		none	
45_127	%latex% An Ultra-Deep GMRT Band-4 HI 21cm Emission Survey of Galaxies in the COSMOS field	Nissim Kanekar Aditya Chowdhury Balpreet Kaur Jayaram Narayanan Chengalur	NCRA NCRA NCRA NCRA		300	Nissim Kanekar Balpreet Kaur	none	Phased array required, Integration time less than 8 seconds required for extended periods. 6000.0GB Disk space required

Proposal No	Title Of Proposal	Authors	Affiliation	GMRT Array	Time Allotted	Person present for observations	Help required	Remarks
45_128	Multi-messenger Astronomy of Compact Object Mergers with GMRT	Resmi Lekshmi Steve Schulze C.H. IshwaraChandra Kuntal Misra Nial Rahil Tanvir Paul O'Brien	IIST Stockholm NCRA ARIES Leicester Leicester		15		none	
45_130	uGMRT follow-up observations of the TDE flare AT2019azh	Rupak Roy	MAHE		6		none	
45_131	Confirming the detections of HI 21cm absorption towards radio-loud AGNs in the COSMOS field	Balpreet Kaur Nissim Kanekar Aditya Chowdhury Jayaram Narayanan Chengalur	NCRA NCRA NCRA NCRA		53	Balpreet Kaur Nissim Kanekar	none	1000.0GB Disk space required
45_132	Is there a persistent radio source associated with FRB 20220912A?	Gianni Bernardi Davide Pellicciari	IRA-INAF Bologna		3		consultation	
45_133	Characterising non-quiescent radio emission: Seeking signatures of flares and SPLs in inactive bright radio sources	Ayanabha De Mayank Narang Himanshu Tyagi Manoj Puravankara Bihan Banerjee	TIFR ASIAA TIFR TIFR TIFR		13		none	
45_134	Mapping HI 21cm emission from two FRB host galaxies at $z \approx 0.045$	Balpreet Kaur Nissim Kanekar	NCRA NCRA		24		none	Phased array required, Integration time less than 8 seconds required for extended periods. 1200.0GB Disk space required