

Cycle26 approved proposals

| Proposal | Title Of Proposal | Authors | Affiliation | GMRT Array | Time Allotted | Person present for observations | Help required | Remarks |
|----------|--|--|--|------------|---------------|---------------------------------------|---------------|--|
| 26_001 | Low frequency study of a few Wolf Rayet (WR) Galaxies | Shweta Srivastava Nimisha Kantharia | DDU NCRA | F | 18 | Shweta Srivastava | none | Correlator - 2 Sideband |
| 26_002 | A Search for Giant Pulses from Millisecond and Young Pulsars | Yogesh Maan BHALL CHANDRA JOSHI | IISc NCRA | F | 21 | Yogesh Maan BHALL CHANDRA JOSHI | none | Correlator - 2 Sideband, Phased array required, Short spacing critical, Integration time less than 8 seconds required for extended periods. 2000.0GB Disk space required |
| 26_003 | GMRT Observation of Objects Discovered by RAD@home Astronomy Collaboratory, India (GOOD-RAC) | Ananda Hota Chiranjib Konar C.S. Stalin Aravind Ravi Pazhayath SHEENA MUKESH AGARWAL SaiArun Dharmik Bhoga Pratik Anand Dabhade Saurabh Pravin Deshpande Amit Ashok Kamble PRADEEPTA KISHORE MOHANTY Alok Mukherjee Akansha Virendra Pandey alakananda patra Renuka Pechetti Shrishail Subhash Raut Sravani Vaddi Sushma V Nishchhal Verma | CEBS ASIAA IIA RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home RAD@home | F | 6 | Ananda Hota | none | Short spacing critical |

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| 26_005 | Neutral Hydrogen in the LARS+eLARS Galaxies | John Michael Cannon Stephen Pardy Göran Östlin Emily Freeland Lucia Guaita Matthew Hayes Daniel Kunth Peter Laursen Jens Melinder Ivana Orlitova Hector Oti-Floranes Johannes Puschignig Thøger Emil Rivera-Thorsen Andreas Sandberg Daniel Schaerer Anne Verhamme | Macalester College Wisconsin Stockholm Stockholm Stockholm iap Copenhagen Stockholm ASU AVCR IA-UNAM Stockholm Stockholm Stockholm UniGe UniGe | F | 120 | | consultation | Correlator - 2 Sideband, Short spacing critical, 240.0GB Disk space required |
| 26_006 | Radio Constraints on Ionized Gas Content of Central Zones of Spirals | Tova M Yoast-Hull John(Jay) Sill Gallagher Danielle M. Nielsen Eric Wilcots Ellen Gould Zweibel | Wisconsin Wisconsin Wisconsin Wisconsin Wisconsin | F | 9 | Tova M Yoast-Hull Danielle M. Nielsen | none | |
| 26_008 | GMRT mapping of three gaint radio galaxies. | BIJU.K.G Joydeep Bagchi Joe Jacob C.H. IshwaraChandra Pratik Anand Dabhade Mamta Pandey-Pommier | WMOC IUCAA Newman College NCRA PU CRAL | F | 40 | BIJU.K.G | none | Correlator - 2 Sideband, Short spacing critical |
| 26_009 | Single pulse properties of PSR J1745-3040 | Kaustubh Milind Rajwade Yashwant Gupta | West Virginia NCRA | F | 6 | Yashwant Gupta | none | Correlator - 2 Sideband, Phased array required |

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|----------|---|---|--|------------|---------------|---|---------------|---|
| 26_010 | Search for radio emission at frequencies less than 1 GHz from Galactic Novae with GMRT - GNovaG | Nimisha Kantharia Nirupam Roy G.C. Anupama Prasun Dutta Ashok Madhav Nagarhalli Dipankar Banerjee | NCRA MPIfR IIA IIT, Kharagpur PRL PRL | F | 40 | Nimisha Kantharia | none | |
| 26_011 | Effect of environment on radio continuum and polarised emission of star forming galaxies in groups | Nimisha Kantharia Jamie Stephen Farnes David Alan Green Ewan O'Sullivan Jan M. Vrtilik Somak Raychaudhury | NCRA Cavendish Cavendish Birmingham CFA PRESIDENCY | F | 33 | Nimisha Kantharia | none | Short spacing critical |
| 26_012 | Ionized and neutral atomic hydrogen on small scales in the S187 high mass star forming region | Igor Zinchenko Devendra Kumar Ojha Swarna Kanti Ghosh Lev Pirogov Kshitiz Kumar Mallick Peter M. Zemlyanukha | IAP RAS TIFR TIFR IAP RAS TIFR IAP RAS | F | 16 | Devendra Kumar Ojha Swarna Kanti Ghosh Kshitiz Kumar Mallick | consultation | Correlator - 2 Sideband |
| 26_013 | Characterizing the Galactic Synchrotron emission at 150 MHz | Abhik Ghosh samir choudhuri Somnath Bharadwaj Saiyad Ali Jayaram Narayanan Chengalur | Kapteyn IIT, Kharagpur IIT, Kharagpur Jadavpur University NCRA | F | 28 | Abhik Ghosh samir choudhuri Somnath Bharadwaj Saiyad Ali Jayaram Narayanan Chengalur | none | Short spacing critical, Integration time less than 8 seconds required for extended periods. |
| 26_014 | Multi-frequency scattering of Galactic pulsars and the attempt to estimate the inner scale effects. | Wojciech Lewandowski Magdalena Kowalinska Bhaswati Bhattacharyya Jayanta Roy Jaroslaw Kijak Mateusz Daszuta | IAUZ IAUZ NCRA NCRA IAUZ IAUZ | C01 | 15 | Wojciech Lewandowski Bhaswati Bhattacharyya Jayanta Roy | none | Correlator - 2 Sideband, Phased array required, Short spacing critical, Integration time less than 8 seconds required for extended periods. |

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| 26_018 | Multifrequency observations of black-widow pulsars with ultra-low mass companions | Manjari Bagchi Diego F. Torres Alessandro Papitto Nanda Rea Emma deOña | ICTS IEEC-CSIC IEEC-CSIC IEEC-CSIC IEEC-CSIC | | 24 | Manjari Bagchi | none | Short spacing critical, Integration time less than 8 seconds required for extended periods. 600.0GB Disk space required |
| 26_019 | Chasing Confusion at 1 Meter | Tessa Vernstrom Jasper Wall Douglas Scott | British Columbia UBC British Columbia | F | 35 | | consultation | Correlator - 2 Sideband |
| 26_020 | A simultaneous X-ray and radio observation of the nearby pulsar B1133+16 | Dipanjan Mitra Andrzej Szary Janusz Gil George Melikidze Krzysztof Maciesiak Jaroslaw Kijak Wojciech Lewandowski Mateusz Daszuta | NCRA IAUZ Zielona Zielona Zielona IAUZ Zielona IAUZ | F | 37.5 | Dipanjan Mitra Krzysztof Maciesiak Jaroslaw Kijak Wojciech Lewandowski Mateusz Daszuta | none | Correlator - 2 Sideband, Phased array required, 100.0GB Disk space required |
| 26_021 | A deep radio survey of a complete sample of mass-selected galaxy clusters | Rossella Cassano Tiziana Venturi Gianfranco Brunetti Stefano Etori Daniele Dallacasa Gabriel William Pratt Giacintucci Simona Ruta Kale Virginia Cuciti Annalisa Bonafede Klaus Dolag Maxim Markevitch | INAF-IRA INAF-IRA INAF-IRA OABO-INAF Bologna CEA-Saclay Maryland IRA-INAF IRA-INAF Hamburg MPA NASA GSFC | | 57 | Ruta Kale | consultation | Correlator - 2 Sideband, Short spacing critical |

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| 26_022 | HI in faint gas rich galaxies | Jayaram Narayanan Chengalur Narendranath Patra Igor Karachentsev | NCRA NCRA SAO | F | 42 | | none | Correlator - 2 Sideband, Short spacing critical |
| 26_023 | Observation of the high mass X-ray binary SAX J0635+0533 at 325 MHz | Manjari Bagchi Diego F. Torres Alessandro Papitto Nanda Rea Emma deOña Jian Li | ICTS IEEC-CSIC IEEC-CSIC IEEC-CSIC IEEC-CSIC IEEC-CSIC | | 10 | Manjari Bagchi | consultation | Correlator - 2 Sideband, Integration time less than 8 seconds required for extended periods. 210.0GB Disk space required |
| 26_024 | A first low-frequency study of violent mergers in the Chandra -- South-Pole Telescope galaxy cluster sample | Huib Intema Reinout Johannes vanWeeren Abhirup Datta Surajit Paul | NRAO CFA NASA Fellow Pune | F | 71 | | none | Correlator - 2 Sideband |
| 26_025 | Low Frequency Radio Continuum Observations of a Candidate AGN-Driven Molecular Outflow | Kristina Nyland Preshanth Jagannathan Huib Intema Katherine Alatalo | NMT/NRAO Calgary NRAO IPAC | F | 7 | | none | Correlator - 2 Sideband |
| 26_026 | The resolved radio--FIR correlation in dwarf irregular galaxies | Aritra Basu Sambit Roychowdhury Narendranath Patra | NCRA NCRA NCRA | F | 70 | Aritra Basu Narendranath Patra | none | Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods. |
| 26_029 | CHITALS: Cold HI 21-cm Absorption Line Survey | Rajeshwari Dutta Raghunathan Srianand Neeraj Gupta Patrick Petitjean Pasquier Noterdaeme hadi Rahmani | IUCAA IUCAA ASTRON IAP IAP IUCAA | F | 100 | Rajeshwari Dutta Raghunathan Srianand Neeraj Gupta hadi Rahmani | none | Correlator - 2 Sideband, Non standard frequency required |
| 26_030 | A multifrequency study of a new sample of double-double radio galaxies (DDRGs) | Sumana Nandi D.J. Saikia Maarten Baes Rupak Roy Gianfranco Gentile Ravi Joshi Mahadev Patgiri | UGENT NCRA UGENT ULG UGent ARIES Cotton College | F | 40 | Sumana Nandi Rupak Roy Ravi Joshi Mahadev Patgiri | none | Correlator - 2 Sideband, Short spacing critical |

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| 26_031 | High Redshift Radio Halos in ACT SZ Clusters | Kenda Knowles Kavilan Moodley Neeraj Gupta Matt Hilton Jon Sievers Raghunathan Srianand Andrew Jordan Baker Nick Battaglia Richard J Bond Catherine Cress Sudeep Das John P. Hughes Robert Raymond Lindner Tobias Andrew Marriage Felipe Menanteau Erik Reese Caroline Louise Zunckel | UKZN UKZN ASTRON UKZN CITA IUCAA Rutgers CITA CITA UWC UCB Rutgers Wisconsin JHU NCSA Penn UKZN | F | 40.5 | Kenda Knowles | none | |
| 26_032 | Giant Radio Galaxies: clues of their origin from INTEGRAL detections? | Tiziana Venturi Loredana Bassani Dharam Vir Lal Giacintucci Simona Angela Malizia Manuela Molina | INAF-IRA INAF IASF- Bologna NCRA Maryland INAF IASF- Bologna INAF IASF- Bologna | F | 56 | Tiziana Venturi Dharam Vir Lal | consultation | Correlator - 2 Sideband, Short spacing critical |
| 26_033 | Radio continuum interferometric mapping of NGC 1893 at 610 and 1280 MHz | Archana Soam Anandmayee Tej Maheswar Gopinathan Sarita Vig | ARIES IIST ARIES IIST | F | 9 | Archana Soam | consultation | |

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| 26_035 | Search for millisecond radio pulsations within the error boxes of Fermi LAT unassociated sources | Bhaswati Bhattacharyya Jayanta Roy Yashwant Gupta Dipankar Bhattacharya Elizabeth Ferrara | NCRA NCRA NCRA IUCAA Maryland | F | 28 | Bhaswati Bhattacharyya Jayanta Roy | none | Correlator - 2 Sideband, Phased array required |
| 26_036 | Long-term timing program for millisecond pulsars discovered by the GMRT at the position of Fermi LAT sources | Jayanta Roy Bhaswati Bhattacharyya Yashwant Gupta Dipankar Bhattacharya | NCRA NCRA NCRA IUCAA | F | 12 | Jayanta Roy Bhaswati Bhattacharyya | none | Correlator - 2 Sideband, Phased array required |
| 26_037 | GMRT observations of radio source 4C 35.06: precessing jets and AGN feedback from a cD galaxy under assembly? | BIJU.K.G Joydeep Bagchi Mamta Pandey-Pommier Joe Jacob C.H. IshwaraChandra Sunil Kumar Pratik Anand Dabhade | WMOC IUCAA CRAL Newman College NCRA IIST PU | F | 8 | BIJU.K.G | none | Short spacing critical |
| 26_038 | GMRT High Resolution Southern Sky (GHRSS) survey for millisecond pulsars and transients : A SKA precursor survey | Bhaswati Bhattacharyya Jayanta Roy Ben Stappers Maura Ann McLaughlin Duncan Ross Lorimer Paul Ray Scott M. Ransom Jayaram Narayanan Chengalur | NCRA NCRA Manchester West Virginia West Virginia NRL NRAO NCRA | F | 60 | Bhaswati Bhattacharyya Jayanta Roy | none | Correlator - 2 Sideband, Phased array required |
| 26_039 | Coherently dedispersed timing studies at the GMRT for IPTA MSPs | Jayanta Roy Maura Ann McLaughlin Scott M. Ransom Bhaswati Bhattacharyya Duncan Ross Lorimer Lina Levin | NCRA West Virginia NRAO NCRA West Virginia West Virginia | F | 40 | Jayanta Roy Bhaswati Bhattacharyya | none | Correlator - 2 Sideband, Phased array required |

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| 26_041 | Bubbles as probes for star formation and ISM | Anandmayee Tej Sarita Vig swagat ranjan das Swarna Kanti Ghosh C.H. IshwaraChandra | IIST IIST IIST TIFR NCRA | F | 24 | Anandmayee Tej Sarita Vig swagat ranjan das Swarna Kanti Ghosh C.H. IshwaraChandra | none | Correlator - 2 Sideband |
| 26_043 | High resolution radio investigation of early phases in the formation of massive stars | Sarita Vig Anandmayee Tej Veena V.S. Swarna Kanti Ghosh C.H. IshwaraChandra Alvaro Sanchez-Monge | IIST IIST IIST TIFR NCRA UniCologne | F | 9 | Sarita Vig Anandmayee Tej Veena V.S. Swarna Kanti Ghosh C.H. IshwaraChandra Alvaro Sanchez-Monge | none | Correlator - 2 Sideband |
| 26_045 | Exploring Radio Emission from Merging Groups of Galaxies at Filament Junctions (2) | Ikuyuki Mitsuiishi Shin Sasaki Anna Scaife Noriko Iijima | TMU TMU Southampton TMU | F | 24 | Ikuyuki Mitsuiishi | none | Correlator - 2 Sideband, Short spacing critical |
| 26_046 | A First Sample of Galaxies Selected by Dust Ma | Matthew Smith Christopher JonathanRedfern Clark Steve Eales Haley Louise Gomez Jonathan Davies Simon Paul Schofield Loretta Dunne Rob Ivison Michal Jerzy Michalowski Pasquale Temi Glenn White | Cardiff Cardiff Cardiff Cardiff Cardiff Cardiff Nottingham ESO Copenhagen NASA Open-UK | F | 30 | Matthew Smith Christopher JonathanRedfern Clark | friend | Correlator - 2 Sideband, Short spacing critical |

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| 26_047 | A New Relic-Halo System in MACSJ2243.3-0933 | Anna Scaife Nadeem Oozeer Sergio Colafrancesco Christopher John Riseley Rene Breton Alain Blanchard Therese Mairead Cantwell | Southampton HartRAO WITS Southampton Southampton IRAP Southampton | F | 9 | Anna Scaife Christopher John Riseley Rene Breton Therese Mairead Cantwell | consultation | Correlator - 2 Sideband, Short spacing critical |
| 26_049 | Study of the newly discovered radio-halo and double radio-relic in PSZ1G 108.18-11.53 | Francesco deGasperin Huib Intema Annalisa Bonafede Marcus Bruggen Reinout Johannes vanWeeren | Hamburg NRAO Hamburg Hamburg CFA | F | 24 | | none | Correlator - 2 Sideband |
| 26_050 | Low frequency study of Massive X-ray luminous cluster sample at high redshift ($0.3 < z < 0.9$) | Mamta Pandey-Pommier Francoise Combes Johan Richard Dwarakanath K.S. Bruno Guiderdoni | CRAL OP CRAL RRI CRAL | F | 32 | | none | Short spacing critical |
| 26_052 | A search for associated HI 21cm absorption at high redshifts. | Nissim Kanekar Aditya JNHS | NCRA NCRA | F | 60 | Nissim Kanekar Aditya JNHS | none | Correlator - 2 Sideband, Non standard frequency required |
| 26_053 | Shadowing the Parkes high time resolution survey with GMRT | Ramesh Bhat Rahul Basu Poonam Chandra Evan Keane | Curtin NCRA NCRA Swinburne | F | 42 | Ramesh Bhat Rahul Basu Poonam Chandra | consultation | Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods. |
| 26_055 | Abell 2069: New discoveries including a possible radio halo | Matthias Hoeft Drabent Annalisa Bonafede Reinout Johannes vanWeeren Roberto Francesco Pizzo | TLS TLS Hamburg CFA Astron | F | 10.5 | Matthias Hoeft Drabent | none | |

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| 26_056 | Simultaneous dual frequency single pulse observations of four drifting pulsars | ARUN KUMAR NAIDU BHAL CHANDRA JOSHI Periasamy K. Manoharan | NCRA NCRA NCRA | | 19 | ARUN KUMAR NAIDU | none | Correlator - 2 Sideband, Phased array required, Short spacing critical, Integration time less than 8 seconds required for extended periods. 2000.0GB Disk space required |
| 26_057 | Studying Off-pulse emission from long period Pulsars using Interferometric Imaging. | Rahul Basu Dipanjan Mitra | NCRA NCRA | F | 60 | Rahul Basu | none | Correlator - 2 Sideband, Short spacing critical, Integration time less than 8 seconds required for extended periods. 300.0GB Disk space required |
| 26_060 | H mapping of mid-infrared bright, low metallicity Blue Compact Dwarf galaxies | YOGESH CHANDOLA Di Li Chao-Wei Tsai Pei Zuo | NAOC NAOC JPL NAOC | F | 24 | YOGESH CHANDOLA | none | Correlator - 2 Sideband, Short spacing critical |
| 26_061 | Diffuse emission sources in the 2XMMi/SDSS galaxy cluster survey | Matthias Hoeft Jakob Gelszinnis Annalisa Bonafede Ali Takey Sebastian Ernesto Nuza Georg Lamer Axel Schwöpe | TLS TLS Hamburg AIP AIP AIP AIP | F | 8 | Matthias Hoeft Jakob Gelszinnis | none | Short spacing critical |
| 26_063 | Accurate determination of the sharply inverted spectra of (TGSS) extragalactic radio sources at metrewavelengths | Sandeep K. Sirothia Gopal krishna mukul pradeep mhaskey Nimisha Kantharia C.H. IshwaraChandra | NCRA NCRA Pune NCRA NCRA | F | 36 | Sandeep K. Sirothia Gopal krishna mukul pradeep mhaskey Nimisha Kantharia C.H. IshwaraChandra | none | Correlator - 2 Sideband, Integration time less than 8 seconds required for extended periods. 135.0GB Disk space required |
| 26_064 | Interaction between the radio jets and ICM in the cooling flow galaxies | Madhav Khushalrao Patil satish shripati sonkamble Mahadev Baburao Pandge Joydeep Bagchi | SRTM SRTM SRTM IUCAA | F | 15 | satish shripati sonkamble | consultation | Correlator - 2 Sideband, Short spacing critical, 80.0GB Disk space required |

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| 26_065 | Multi frequency observation of 3C 061.1 and 3C 390.3 | Dusmanta Patra Sanjoy Adak Sabyasachi Pal Sandip Chakrabarti | ICSP ICSP ICSP SNBNCBS | F | 16 | Dusmanta Patra Sanjoy Adak Sabyasachi Pal | none | Correlator - 2 Sideband |
| 26_067 | GMRT observations of one of the hottest clusters: MACS J0417-1154 | Pritpal Kaur Sandhu Siddharth Savyasachi Malu | IIT Indore IIT Indore | F | 18 | Pritpal Kaur Sandhu | friend | Correlator - 2 Sideband, Short spacing critical |
| 26_068 | Swift J1644+57: A GMRT View of the Birth of a Relativistic Outflow from a Supermassive Black Hole | Sayan Chakraborti Naveen Yadav Alak Ray Edo Berger Alicia Margarita Soderberg | CFA TIFR TIFR CFA CFA | F | 24 | Sayan Chakraborti Naveen Yadav | none | Correlator - 2 Sideband |
| 26_071 | GMRT Followup of Young Supernovae in Nearby Galaxies | Sayan Chakraborti Naveen Yadav Atish Kamble Alak Ray Alicia Margarita Soderberg | TIFR TIFR CFA TIFR CFA | F | 9 | Sayan Chakraborti Naveen Yadav Atish Kamble | none | Correlator - 2 Sideband, Short spacing critical |
| | | | | | 1573.5 | | | |