

## Technical Programme

### One day theme meeting, “Women in Particle Accelerators”

Thursday, October 15, 2026

Venue: Homi Bhabha Auditorium, Convention Centre, RRCAT, Indore

| Time        | Title of the Talk                                                                                                 | Speaker                      | Affiliation |
|-------------|-------------------------------------------------------------------------------------------------------------------|------------------------------|-------------|
| 11:15-11:35 | Accelerators for Nuclear Physics Research                                                                         | Prof. Vandana Nanal          | TIFR        |
| 11:35-11:55 | Development of Electron Accelerators at APPD, BARC and its Applications                                           | Dr. Asavari Dhawale          | BARC        |
| 11:55-12:15 | Probing atomic nuclei using cyclotrons at VECC                                                                    | Dr. Sarmishtha Bhattacharyya | VECC        |
| 12:15-12:35 | Indus Synchrotrons and Beyond                                                                                     | Ms. Bhavna Nitin Merh        | RRCAT       |
| 12:35-12:55 | Beamlines at Indus Synchrotron Radiation Sources: Present and Future                                              | Dr. Pragya Tiwari            | RRCAT       |
| 14:15-14:30 | Design and Development of High Intensity Proton Linacs                                                            | Dr. Rajni Pande              | BARC        |
| 14:30-14:45 | Electron Linear Accelerators at RRCAT                                                                             | Ms. Nita Kulkarni            | RRCAT       |
| 14:45-15:00 | Application based Particle Accelerator R&D at SAMEER                                                              | Dr. Tanuja Dixit             | SAMEER      |
| 15:00-15:15 | Electron Beam Technology for Wastewater Treatment                                                                 | Dr. Shirisha Majji           | BARC        |
| 15:15-15:30 | IR-FEL based User Facility at RRCAT                                                                               | Ms. Sona Chandran P.         | RRCAT       |
| 16:00-16:15 | Accelerators for Knowledge: The Present and Future of IUAC                                                        | Dr. K. S. Golda              | IUAC        |
| 16:15-16:30 | Ultrashort Intense Laser–Plasma based Particle Acceleration and X-Ray Generation                                  | Ms. Shikha Mishra            | RRCAT       |
| 16:30-16:45 | The Evolving Landscape of Particle Accelerators: From Fundamental Science to Emerging Technologies & Applications | Dr. Gunjan Verma             | UGC-DAE-CSR |
| 16:45-17:15 | Concluding Session                                                                                                |                              |             |