

**SCHEDULE OF TECHNICAL SESSIONS - IIM ATM 2022**  
**(15-16 NOVEMBER 2022)**

| DATE      | START    | END TIME | HALL HELIUM  | HALL NEON   | HALL ARGON   | HALL KRYPTON   | HALL XENON  |
|-----------|----------|----------|--|---|--|--|---|
| 15-Nov-22 | 11:30 AM | 01:30 PM | Ferrous-1 (B1-7)<br>Chair: Dr. M Vasudevan, IGCAR        | Advanced Composites - 1 (B1-2)<br>Chair: Dr. TPD Rajan, NIIST                         | Additive Manufacturing - 1 (B1-1)<br>Chairs: Dr. V Anil Kumar, VSSC<br>Shri S Ramesh Kumar, DMRL | Ultra High Temperature Materials 1 :<br>Coatings (B1-22)<br>Chair: Dr. D K Das, DMRL | Modelling and Simulation -1 (B1-18)<br>Chair: Dr. B P Gautham,<br>TCS Research    |
| 15-Nov-22 | 02:15 PM | 04:15 PM | Ferrous-2 (B1-7)<br>Chair: Dr. V V Satyaprasad, DMRL     | Advanced Composites - 2 (B1-2)<br>Chair: Dr. N Eswar Prasad,<br>Ex-DMSRDE             | Materials<br>Joining - 1 (B1-15)<br>Chair: Prof. T Mahesh Kumar,<br>NIT Warangal                 | Biomaterials (B1-3)<br>Chair: TBD  | Modelling and Simulation -2 (B1-18)<br>Chair: Dr. Chintha Appa Rao,<br>TATA Steel |
| 15-Nov-22 | 04:30 PM | 06:30 PM | Ferrous-3 (B1-7)<br>Chair: Dr. G Balachandran,<br>Ex-JSW | Mechanical Behaviour - 1 (B1-16)<br>Chair: Dr A Venugopal Reddy,<br>Ex-RD, RCMA (Mat) | Materials<br>Joining - 2 (B1-15)<br>Chair: Prof. G D Janaki Ram,<br>IIT Hyderabad                | Corrosion and Oxidation (B1-5)<br>Chair: Dr. M Anil Kumar, ASL                       | ICME/AI/ML (B1-10)<br>Chair: Prof. G Phanikumar,<br>IIT Madras                    |
| 16-Nov-22 | 09:00 AM | 11:15 AM | Ferrous-4 (B1-7)<br>Chair: Dr. L R Singh, JSW            | Mechanical Behaviour - 2 (B1-16)<br>Chair: Dr. DVV Satyanarayana,<br>DMRL             | Additive Manufacturing - 2 (B1-1)<br>Chair: Prof. Shiro Torizuka, Japan                          | Damage (B1-6)<br>Chair: TBD<br>Co-Chair: N Chittibabu, DMRL                          | Modelling and Simulation -3 (B1-18)<br>Chair: Prof. A K Singh,<br>IIT Kanpur      |
| 16-Nov-22 | 11:30 AM | 01:30 PM | Ferrous-5 (B1-7)<br>Chair: Dr. Manish Roy, DMRL          | Adv Functional Materials (B1-2)<br>Chair: TBD   | Physical Metallurgy of Steel (B1-7)<br>Chair: Dr. S. Nagarjuna, Ex-DMRL                          | Failure Analysis (B1-6)<br>Chair: Mr. B Jana, RCMA(M)                                | Modelling and Simulation -4 (B1-18)<br>Chair: Prof. M P Gururajan,<br>IIT Bombay  |

| DATE      | START    | END TIME | HALL RADON  | HALL FLUORINE  | HALL CHLORINE   | HALL IODINE   | HALL OXYGEN   |
|-----------|----------|----------|---|--|---|---|---|
| 15-Nov-22 | 11:30 AM | 01:30 PM | Lightweighting (B1-12)<br>Chairs: Dr. K Anand, IIT Madras<br>Dr. Shankar Venugopal,<br>Mahindra & Mahindra          | Mineral - 1 (B1-17)<br>Chair: Dr. T Sreenivas, BARC<br>Co-Chair: Dr. Ch RVS Nagesh,<br>DMRL              | Ultra High Temp Materials 2 (B1-22)<br>Chair: TBD   | Mat. Characterization -1 (B1-13)<br>Chair: Prof. Krishanu Biswas, IIT Kanpur                            | Thermo-mechanical Processing -1 (B1-21)<br>Chair: TBD   |
| 15-Nov-22 | 02:15 PM | 04:15 PM | Industry 4.0 (B1-11)<br>Chair: Mr. Jayanta Banerjee,<br>TATA Steel,<br>Co-Chair: Dr. Vilas Tathavadkar,<br>HINDALCO | Green Production - 1 (B1-8)<br>Chair: Dr. G Balachandran, Ex-JSW   | Correlative Microscopy (B1-4)<br>Chair: Dr. T K Nandy, DMRL   | Matl. for Battery-1 (B1-14)<br>Chair: Prof. Yogesh Kumar Sharma,<br>IIT Roorkee                         | Advanced Materials Processing and<br>Characterization (A1-9)<br>Chair: Dr. A Venugopal Rao,<br>DMRL |
| 15-Nov-22 | 04:30 PM | 06:30 PM | Non-ferrous - 1: Ti and Ni-base<br>Superalloy (B1-19)<br>Chair: Dr. A K Gogia, DMRL                                 | Green Production - 2 (B1-8)<br>Chair: Dr. Siddharth Mishra,<br>TATA Steel                                | High Entropy Materials -1 (B1-9)<br>Chair: Prof. PP Bhattacharjee,<br>IIT Hyderabad                       | Mat. Characterization -2 (B1-13)<br>Chair: Prof. K G Pradeep, IIT Madras                                |   |
| 16-Nov-22 | 09:00 AM | 11:15 AM | Non-ferrous - 2 (B1-19)<br>Chair: Dr. Ashim Mukhopadhyay,<br>Hindalco   | Mineral - 2 (B1-17)<br>Chair: Dr. DB Sundara Ramam<br>TATA Steel<br>Co-Chair: Dr. Ch RVS Nagesh,<br>DMRL | Rare Earth Permanent Magnets (B1-20)<br>Chairs: Prof. K G Pradeep, IIT Madras<br>Dr. M Manivel Raja, DMRL | Mat. Characterization -3 (B1-13)<br>Chair: Dr. Bhanu Pant, Bharat Forge                                 |   |
| 16-Nov-22 | 11:30 AM | 01:30 PM | Thermo-mechanical Processing -2 (B1-21)<br>Chair: Dr. T Raghu, DRDO Fellow  | Green Production - 3 (B1-8)<br>Chair: Dr. SVSN Murty, VSSC   | High Entropy Materials -2 (B1-9)<br>Chair: Prof. Koteswara Rao V<br>Rajulapati,<br>Univ. of Hyderabad     | Matl. for Battery-2 (B1-14)<br>Chairs: Prof. Amartya Mulhopadhyay,<br>IIT Bombay<br>Dr. R Prakash, ARCI |   |