**Appendix-A**

**LIST OF SHORTLISTED NOMINATIONS AT MASTERS LEVEL – PARALLEL SESSION (Group A)**

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| **S. No.** | **Date** | **Time slot** | **Nominee** | **College / Institute** | **E-mail** | **Engineering Discipline** |
| M-2 | Sep 29 | 17:00-17:15 | Sarosh Alam Ghausi | Indian Institute of Technology Bombay | Sensitivity of Precipitation and Streamflow Extremes to Temperature over Central and South Asia | Civil Engineering |
| M-11 (A) | Sep 29 | 17:15-17:30 | Adarsh Somayaji | Indian Institute of Technology Madras | Design & Analysis of a Variable Stiffness Adaptive Jaw for Robust Grasping | Mechanical Engineering |
| M-13 | Sep 29 | 17:30-17:45 | Smruti Thakur | Institute of Chemical Technology Mumbai | Ultrasound assisted catalytic transfer hydrogenation of corn oil using Pd/C catalyst by formaldehyde reduction method | Chemical Engineering |
| M-32 | Sep 29 | 17:45-18:00 | Krishna Manoj | Indian Institute of Technology Madras | Emergence of Rich Dynamical Behaviour in Networks of Coupled Candle-Flame Oscillators: Synchronization, AmplitudeDeath, and Chimeras | Aerospace Engineering |
| M-34 | Sep 30 | 10:15-10:30 | Pravin Kumar | Indian Institute of Space Science and Technology Thiruvananthapuram | Effect of Process Parameters on the Microstructures, Defects, and Mechanical properties in 3D-Printed (SLM/PBF) Inconel 718 alloy. | Mining, Metallurgical and Materials Engineering  |
| M-35 | Sep 30 | 10:30-10:45 | Manisha Behera | Indian Insitute of Science Bangalore  | Effect of Zinc and Cerium Additions on Mechanical Properties, Corrosion behavior and in-vitro cytocompatability of pure magnesium for orthopedic implants | Mining, Metallurgical and Materials Engineering  |