**Appendix-B**

**LIST OF SHORTLISTED NOMINATIONS AT BACHELOR LEVEL – PARALLEL SESSION (Group B)**

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| **S. No.** | **Time slot** | **Nominee** | **College / Institute** | **Project Title** | **Engineering Discipline** |
| B-9 | 11:30-11:40 | Aman Roy | Indraprastha Institute of Information Technology Delhi | Learning Multi Graph Node Embedding Using Guided Levy Flights | Computer Engineering & Information Technology |
| B-10 | 11:40-11:50 | Gayathri Girish | Indian Institute of Space Science and Technology Thiruvananthapuram | Utilizing Energy Function and Variational Inference Training for Designing a Novel Graph Neural Network Architecture | Computer Engineering & Information Technology |
| B-14 (A) | 11:50-12:00 | Shreshth Tuli Rajas Bansal | Indian Institute of Technology Delhi | Human-Guided Acquisition of Commonsense Knowledge for Robot Task Execution: An Imitation Learning Approach | Computer Engineering & Information Technology |
| B-15 | 12:00-12:10 | Abhishek Nair | Indian Institute of Technology Madras | SIGNED: A Secure Lightweight Watermarking Framework for Digital Designs | Computer Engineering & Information Technology |
| B-29 | 12:10-12:20 | Mayuri Madhav Munshi  Patankar Pratosh Prasad | Visvesvaraya National Institute of Technology Nagpur | Control scheme for 1 MVA Grid connected Roof Top Solar System in VNIT, Nagpur | Electrical Engineering |
| B-30 | 12:20-12:30 | A Sai Darahas  R. Raghavendra  K. Vineetha Y. Nanda Kishore | National Institute of Technology (NIT) Andhra Pradesh | 3D Multispectral Brain Tumor Segmentation Using Deep Neural Networks | Electrical Engineering |
| B-31 | 12:30-12:40 | Bhavya Vasudeva Puneesh Deora | Indian Institute of Technology Roorkee | Compressive Sensing MRI Reconstruction using GANs | Electronics & Communication Engineering |
| B-32 | 12:40-12:50 | British Sontakke | Indian Institute of Space Science and Technology, Thiruvananthapuram | Magnetic Transduction Schemes and Electronics for Angular Position Sensing of Through-Shafts over Full Circle Range | Electronics & Communication Engineering |
| B-34 | 12:50-13:00 | Anirban Dam Ashish Verma Raja Raviteja | National Institute of Technology Hamirpur | Person Following Mobile Robot running Simultaneous Localization and Mapping | Electronics & Communication Engineering |

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| **S. No.** | **Time slot** | **Nominee** | **College / Institute** | **Project Title** | **Engineering Discipline** |
| B-35 | 13:00-13:10 | Gaurav Singh | Indian Institute of Technology Indore | A Broad band Multi Layer Circuit Analog Absorber using Resisitive Ink | Electronics & Communication Engineering |
| B-37 | 13:10-13:20 | Vudutala Lakshmi Pratyusha | Indian Institute of Technology (IIT) Tirupati | Deep learning for wireless communication | Electronics & Communication Engineering |
| B-38 | 13:20-13:30 | Snigdha Dalvi  Mayank Khatri | Indian Institute of Technology Delhi | Circuit Design of Power Electronic switches and Gate trigger generator for Electromagnetic Railgun | Electronics & Communication Engineering |
| B-45 | 13:30-13:40 | Siri Gadipudi | Indian Institute of Space Science and Technology Thiruvananthapuram | Grid Connected Open-end Winding Induction Generator System with Series Reactive Power Compensation for Wind Energy Systems | Energy Engineering |