



**DETI@ACE NIDHI PRAYAS CENTRE**

List of Prayasee's Innovator for 2024-25

| S.No | Photo   | Prayasee Name  | Title  | Category | Nativity          |
|------|---|----------------|--|----------|-------------------|
| 1    |    | Gokul K        | ThermoGraphite Advanced Low Power Sintering Materials for High-Temperature Applications                              | OBC      | Dharmapuri Rural  |
| 2    |    | Palanisamy P   | Energy Efficient Graphite Heater Control System  | MBC      | Dharmapuri Rural  |
| 3    |  | Jeevan K       | Precision Inverted Smooth Translation and Rotation System with Magnetic Fluid Seal for Heavy-Duty Payload Stability. | SC       | Krishnagiri Rural |
| 4    |  | C. Kirubakaran | Clear Sight Laser Rods for Range-Finding   | SC       | Krishnagiri Rural |
| 5    |  | Kiruthik K     | Advanced Lightweight Hydraulic Handling System with XYZ Movement for Remote Operation of Pressure Vessels            | Others   | Dindigul Urban    |

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| 6  |    | Venkatesan P     | Water-cooled Coaxial RF feedthrough and coil for Induction heating   | OBC    | Krishnagiri Urban |
| 7  |    | J Gabriel Rajan  | Automized low energy high vacuum pumping system  | OBC    | Salem Urban       |
| 8  |   | Thamizh Selvan D | Detachable edge welded metallic bellows  | Others | Viluppuram Rural  |
| 9  |  | Aravindabalan. M | Automated Gas Control Panel with Integrated Safety System for Precision Silicon Ingot Manufacturing                  | SC     | Krishnagiri Rural |
| 10 |  | Sanjay kumar C   | Robust Pull Head System Designed with Payload Measurement and Closed-Loop PID Control for Effective Power Management | SC     | Krishnagiri Rural |