

| Sl. No. | Roll Number | Name of the Candidate | Title of Thesis                                                                                                             | Name of Guide and Co-guide             | Name of External guide                                                                        | Institute/Company      |
|---------|-------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------|------------------------|
| 1       | M180382ME   | Sethukrishnan         | Experimental and CFD analysis of water-jet impingement cooling in PV/T systems                                              | Dr. M Srinivas<br>Dr. S Jayaraj        | Nil                                                                                           | Nil                    |
| 2       | M180223ME   | Sabareesh.V           | Experimental investigation on desiccant based indirect solar drying of crops using PCM as thermal energy storage            | Dr. C. Muraleedharan<br>Dr.Arun P      | Nil                                                                                           | Nil                    |
| 3       | M180362ME   | Divyesh B Mangela     | Experimental and computational analysis of two phase flow in convergent divergent nozzle                                    | Dr. S. Jayaraj                         | Nil                                                                                           | Nil                    |
| 4       | M180300ME   | Sreevengat S          | Experimental and Numerical Investigations on Temperature Field of Proton Exchange Membrane Fuel cell                        | Dr. B. Rohinikumar                     | Nil                                                                                           | Nil                    |
| 5       | M180370ME   | Sreepathi A           | A study of the velocity and temperature effects on autonomous underwater vehicles                                           | Dr. S Jayaraj<br>Dr. Sudheer A P       | Nil                                                                                           | Nil                    |
| 6       | M180487ME   | Prince Raj            | Optimization of unitary A/C by mist cooling                                                                                 | Dr.Biju T Kuzhiveli                    | Mr. S. Sathish<br>(Energy Engineer)                                                           | Smart Joules Pvt. Ltd. |
| 7       | M180327ME   | R Yekambaram          | Minimising Energy Consumption for Hot Waater and Steam Generation in Hospital                                               | Dr. V Sajith                           | Ms. Alveena Abraham<br>Mr. Sai Siddhartha                                                     | Smart Joules Pvt. Ltd. |
| 8       | M180461ME   | Rajan A               | Performance investigation of solar chimney integrated solar still with corrugated absorber plate                            | Dr.M.Srinivas                          | Nil                                                                                           | Nil                    |
| 9       | M180351ME   | Kartheeswaran         | Visualisation studies on plane jet at low Reynolds number                                                                   | Dr.T.J.Sarvoththama Jothi              | Nil                                                                                           | Nil                    |
| 10      | M180296ME   | Aravind S             | Design and experimental analysis of a combined solar dryer desalination system                                              | Dr. B Rohinikumar, Dr. C Muraleedharan | Nil                                                                                           | Nil                    |
| 11      | M180462ME   | Akshay Khavare        | Design and devlopment of portable refrigeration system using nanofluids                                                     | Dr. Biju T. kuzhiveli                  | Nil                                                                                           | Nil                    |
| 12      | M180083ME   | Arjun M M             | Steam use optimizing in pulp and paper industry: A case study on a Recycled Fibre (RCF) based paper mill                    | Dr. Sujith Kumar C S                   | Mr.Sudhanshu Anand<br>(Project Manager)<br>Mr. Sandeep Thakur<br>(Sr. Lead Design Engineer)   | Smart Joules Pvt. Ltd. |
| 13      | M180059ME   | Aditya Narain         | Energy and water monitoring in medium scale industries                                                                      | Dr.Shijo Thomas                        | Mr. Tony Thomas<br>Mr. Syed Sultan Ibrahim                                                    | Smart Joules Pvt. Ltd. |
| 14      | M180554ME   | Ubaidulla CT          | Study on the effect of capillarity on different wicking structure and patterned absorber coating on interfacial evaporation | Dr. Sujith Kumar C S                   | Nil                                                                                           | Nil                    |
| 15      | M180553ME   | Rahees                | Experimental study on a premixed LPG-Air flame in a circular mesoscale combustor                                            | Dr.T.J.Sarvoththama Jothi              | Nil                                                                                           | Nil                    |
| 16      | M180088ME   | Deepan MR             | Instrumentation, Detailed audit and Analysis for Energy optimization                                                        | Dr. S. Jayaraj                         | Mr. Manash Jyoti Deka<br>(BMS Manager)<br>Mr. Shekhar Singh Tomar<br>(Head of Administration) | Smart Joules Pvt. Ltd. |