## 2019-20: Phase I

## **Total number of students: 34**

| Sr.No | Industry Name                  | Project Title  |
|-------|--------------------------------|--|
| 1     | D. A. Power Solutions          | To design and fabricate versatile uninterrupted power    |
|       |                                | supply   |
| 2     | Empower Plus Energy Labs Pvt.  | IoT based Battery Monitoring System and Prediction of    |
|       | Ltd.                           | Remaining useful life (RUL) of a battery                 |
| 3     | Alkurn Technologies            | IOT Platform for Industry Resource Management            |
| 4     | Sensors & Systems Industrial   | Design of High Accuracy Automatic Electromagnetic        |
|       | Solution Pvt. Ltd.             | Feeder   |
| 5     | Y. R. K Controls               | Smart Crate System for Fruit Monitoring                  |
| 6     | Aerocom Automotive Pvt. Ltd.   | Modification of Traditional Lathe for precision work     |
| 7     | Aquades Structural             | Quantification of Steel Reinforcement of Infrastructural |
|       | Consultants Pvt. Ltd., Nagpur  | Projects Through New Approach Of BBS and                 |
| 8     | Navratna Industries            | Design, Development and Manufacturing of fall            |
|       |                                | Arrester   |
| 9     | Konverge. Ai                   | Logo detection service                                   |
| 10    | Techwalnut Automation and      | Building a Real Time Bib Verification and Selfie KIOSK   |
|       | Software Solutions Pvt. Ltd.   |  |
| 11    | ZSoftware Pvt Ltd              | Meditation Accurate System                               |
| 12    | Business Algorithm Solar Pvt.  | Development of Solar Photovoltaic Thermal and            |
|       | Ltd.                           | Photovoltaic   |
| 13    | Tecxtra Technologies Pvt. Ltd. | Design and Development of Articulated Robotic Arm        |
|       |                                | based on   |
| 14    | V V Associates                 | Design of control circuitry for BLDC motor               |
| 15    | Bajrang Forge Pvt. Ltd.        | Automation in Furnace and other manual machines          |
| 16    | Minar Hydrosystems Pvt. Ltd.   | Design of Continuously Rotating Hydraulic Torque         |
|       |                                | Wrench   |
| 17    | Amey Mechanical and            | Development and Implementation of Optimum                |
|       | Fabrication Works              | Production   |

## 2019-20: Phase II

## Period of Project: 6 months

| Sr.No. | Industry Name                | Project Title                                  |
|--------|------------------------------|--|
| 1      | Empower Plus Energy Labs     | IoT based Battery Monitoring System and        |
|        | Pvt Ltd                      | Prediction of Remaining useful life (RUL) of a |
|        |                              | battery  |
|        | Sensors & Systems Industrial | Design of High Accuracy Automatic              |
| 2      | Solution Pvt Ltd             | Electromagnetic Feeder                         |
| 3      | Navratna Industries          | Design, Development and Manufacturing of fall  |
|        |                              | Arrester                                       |
| 4      | V V Associates               | Design of control circuitry for BLDC motor     |
| 5      | Minar Hydrosystems Pvt. Ltd. | Design of Continuously Rotating Hydraulic      |
|        |                              | Torque Wrench                                  |