



SRINIVASA EDUCATIONAL SOCIETY'S  
**PACE INSTITUTE OF TECHNOLOGY & SCIENCES**  
**(AUTONOMOUS)**

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**Consultancy Projects (2024-25)**

| S.No | Program Department | Name of the Staff   | Title of the Work                                                                   | Industry Name              | Amount   |
|------|--------------------|---------------------|-------------------------------------------------------------------------------------|----------------------------|----------|
| 1    | CSE                | Dr.P. Hussain Basha | Smart Inventory and Supply Chain Optimization using LSTM                            | Techboz Solutions          | 3,50,000 |
|      |                    | D.Janardhan Reddy   |                                                                                     |                            |          |
|      |                    | T.Kishore Babu      |                                                                                     |                            |          |
| 2    | ECE                | Dr.G.Erna           | Designing hardware accelerators for AI/ML workloads                                 | YantriSiksha               | 2,10,000 |
|      |                    | Dr.D.Anil Kumar     |                                                                                     |                            |          |
|      |                    | M.Raja Kumar        |                                                                                     |                            |          |
| 3    | ECE                | Dr.M.AppaRao        | Interfacing analog sensors with digital processing units                            | Techboz Solutions          | 1,50,000 |
|      |                    | Dr.K.Vijay Chandra  |                                                                                     |                            |          |
|      |                    | K.Lavanya           |                                                                                     |                            |          |
| 4    | MECH               | M. Anusha           | Machinery Erection, Alignment, and Maintenance in Granite Industries                | Lakshmi Granites           | 2,00,000 |
|      |                    | Y. Srinivasa Reddy  |                                                                                     |                            |          |
|      |                    | P. Kiran Babu       |                                                                                     |                            |          |
| 5    | MECH               | N. Vijay Kumar      | Testing, Repair, and Performance Enhancement of Diesel Generator Systems            | Sree Arundathi Engineering | 1,50,000 |
|      |                    | A. Sai Prasad       |                                                                                     |                            |          |
|      |                    | Raghuram Pradhan    |                                                                                     |                            |          |
| 6    | EEE                | B.Vijay Chandra     | IoT-Enabled Monitoring, Energy Audit, and Maintenance Optimization for Power Plants | Crystal power Controls     | 1,55,000 |
|      |                    | B.Suresh Kumar      |                                                                                     |                            |          |
| 7    | EEE                | K.Venkateswarlu     | Solar PV System Diagnostic Audit and Corrective Maintenance                         | Arundathi Power Systems    | 1,60,000 |
|      |                    | K.Naresh            |                                                                                     |                            |          |
| 8    | CSIT               | T.Harish            | Deep Neural Network Driven Text Extraction for Document Digitization                | Techboz Solutions          | 1,50,000 |
|      |                    | V.G.S.Abhishikth    |                                                                                     |                            |          |
|      |                    | B.Rajeswari         |                                                                                     |                            |          |
|      |                    | M. Madhava Reddy    | Deep Learning Based Predictive Maintenance for Industrial Equipment                 |                            |          |

|    |       |                  |                                                                                                                  |                           |          |
|----|-------|------------------|------------------------------------------------------------------------------------------------------------------|---------------------------|----------|
| 9  | IT    | G.Aruna          | Maintenance for Industrial Equipment<br>using Gated Recurrent Unit (GRU)<br>Networks                             | Techboz Solutions         | 1,50,000 |
|    |       | I.Madhava        |                                                                                                                  |                           |          |
| 10 | AI&ML | SK. Heena Kausar | Design and Development of an AI-<br>based System for Nutrient Deficiency<br>Detection in Crops from Leaf Images. | Techboz Solutions         | 1,50,000 |
|    |       | N. Haritha Patel |                                                                                                                  |                           |          |
|    |       | Y. Aruna         |                                                                                                                  |                           |          |
| 11 | AI&DS | B. Sravani       | Vision-Based Staff Tracking and<br>Operational Efficiency Monitoring for<br>Industrial Environments              | YantriSiksha Tech Pvt Ltd | 1,80,000 |
|    |       | Mounika          |                                                                                                                  |                           |          |
|    |       | G Subba Rao      |                                                                                                                  |                           |          |