

**Department of Electrical and Electronics****Funded Projects**

| Sl No. | Project Title                                                                      | Funding Agency                          | Grant (Rs.) Sanctioned | Grant (Rs.) Released | PI, Co PI(s)                                                                         | Status         | Year of Sanction |
|--------|------------------------------------------------------------------------------------|-----------------------------------------|------------------------|----------------------|--------------------------------------------------------------------------------------|----------------|------------------|
| 1      | Field Oriented Control (FOC) based BLDC/Stepper Motor Drive Electronics            | ISRO                                    | 22,18,112/-            | 7,99,000             | PI: Dr. S G Srivani<br>CO – PI : (a) Dr. Abhilash Krishna<br>(b) Dr. P. Narendra Rao | On going       | 2025             |
| 2      | Development of a Solenoid Valve for Pneumatic Actuation System in Seed Segregation | Swan Sorter Systems Pvt Ltd             | 29,09,500              | 2,50,000             | Mrs. Raja Vidya<br>Dr Harish S K                                                     | On going       | 2024             |
| 3      | Atmospheric Water Well Generator                                                   | Greeneria Pvt Ltd                       | 7,00,000               | ---                  | Co PI: Dr. S G Srivani                                                               | On going       | 2024             |
| 4      | IoT based Solar ironing cart.                                                      | IFERP – Innovative Project Seed Funding | 7,000                  | 7,000                | PI: Dr. S G Srivani                                                                  | Completed 2023 | 2022             |
| 5      | Solar based Motorized fruit and Vegetable Harvesting Device.                       | FINP- INAE - NIAS                       | 1,85,000 + GST         | 1,85,000 + GST       | PI: Dr. S.G. Srivani<br>Co PI: Dr. Madhu B.R.                                        | Completed 2023 | 2022             |



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## Department of Electrical and Electronics

|              |                                                                                                   |                                           |                           |               |                    |                                                                         |                |           |
|--------------|---------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------|---------------|--------------------|-------------------------------------------------------------------------|----------------|-----------|
| 6            | Solar based mini–Air Cooler cum Mosquito trap.                                                    | FINP- INAE - NIAS                         | 2,19,000 + GST            |               | 2,19,000 + GST     | PI: Dr. S.G. Srivani<br><br>Co PI: Dr. Adinath Jain                     | Completed 2023 | 2022      |
| 7            | Control and Stability Analysis of Renewable Energy based DC Nano Grids for Rural Electrification. | DST / WOS - B                             | 26,32,278                 |               | 11,73,846          | PI: Mrs. Madhumathi Eti. (Ex PG Student)<br><br>Mentor: Dr. M.N. Dinesh | On going       | 2021 - 24 |
| 8            | Solar Ironing Cart                                                                                | FINP- INAE - NIAS                         | 1,05,000 + GST            |               | 1,05,000 + GST     | PI: Dr. S G Srivani                                                     | Completed 2022 | 2021      |
| 9            | Connected Autonomous Vehicle-WIRIN (WIPRO IISc Research and Innovation Network Consortium).       | Wipro (Interdisciplinary College Project) | 37,50,000                 | 5,00,000      | 5,00,000           | PI: Dr. Uttara Kumari<br><br>Mrs. Raja Vidya                            | On going       | 2022      |
|              |                                                                                                   |                                           | Institute                 | (To EEE Dept) | (To EEE Dept)      |                                                                         |                |           |
|              |                                                                                                   |                                           | 4,13,00,000               | 60,00,000     | 60,00,000          |                                                                         | On going       | 2021      |
|              |                                                                                                   |                                           | Institute                 | (To EEE Dept) | (To EEE Dept)      |                                                                         |                |           |
| Total amount |                                                                                                   |                                           | 1, 54, 75, 890 Sanctioned |               | 92,38,846 Released |                                                                         |                |           |

**Department of Electrical and Electronics****Funded Student Projects**

| Sl No. | Project Title                                                            | Funding Agency                  | Grant Sanctioned (Rs.) | Grant Released (Rs.) | PI, Co PI(s)                                  | Status    | Year of Sanction |
|--------|--------------------------------------------------------------------------|---------------------------------|------------------------|----------------------|-----------------------------------------------|-----------|------------------|
| 1      | Smart Aeroponics                                                         | KSCST student project Programme | 6,000                  | --                   | PI: Mr. Suresha C<br>Co PI: Mrs. Sunanda C    | Completed | 2023             |
| 2      | Modelling and Implementation of a Low Cost CAN Enabled Flex-Fuel Sensor. | KSCST student project programme | 6,000                  | --                   | PI: Dr. Vandana Jha<br>Co PI: Dr. S G Srivani | Completed | 2023             |

**Other Grants**

| Sl No.       | Project Title                | Funding Agency | Grant (Rs.) Released | PI, Co PI(s)       | Status         | Year of Sanction |
|--------------|------------------------------|----------------|----------------------|--------------------|----------------|------------------|
| 1            | IEEE PES S.B                 | IEEE PES       | 10,000               | PI: Dr.S G Srivani | Completed      | 2023             |
| 2            | IEEE PES S.B                 | IEEE PES       | 15,000               | PI: Dr.S G Srivani | Completed      | 2022             |
| 3            | Advanced Electrical Vehicles | AICTE-STTP     | 3,23,333             | PI: Dr.S G Srivani | Completed 2021 | 2021             |
| 4            | Travel grants                | UGC            | 1,84,000             | PI: Dr.S G Srivani | Completed 2019 | 2019             |
| <b>Total</b> |                              |                | <b>5,32,333</b>      |                    |                |                  |