

Sponsored Data

List of sponsored research projects received from external agencies

S.N	PI name	Co-PI names if any	Name of the Dept., where project is sanctioned	Project title*	Name of the Funding agency	Duration of the project	Amount (Rs.)
CAYm1 (2023-24)							
1	Dr.P.Lakshmanan	Dr.P.Sarath Kumar	Department of Electrical & Electronics Engineering	Solar Tracking System	Sri Mittapalli Spinners Ltd.	1 Year	4.1 Lacs
Amount received (Rs.)							4.1 Lacs
CAYm1 (2022-23)							
1	Dr.P.Lakshmanan	Dr.P.Sarath Kumar	Department of Electrical & Electronics Engineering	Solar Tracking System	Sri Mittapalli Spinners Ltd.	1 Year	3.5 Lacs
Amount received (Rs.)							3.5 Lacs
CAYm1 (2021-22)							
1	Dr.P.Lakshmanan	Dr.P.Sarath Kumar	Department of Electrical & Electronics Engineering	Solar Tracking System	Sri Mittapalli Spinners Ltd.	1 Year	3.3 Lacs
Amount received (Rs.)							3.3 Lacs
Total Amount (Rs) received for the Last 3 Years							10.09 Lacs

SEED Money

S. N.	Faculty name	Project title/ Support for Activity	Duration	Amount (Lacs)	Amount Utilized (Lacs)	Outcomes of the project
CAYm1(2023-24)						
1	Mrs.P.Bramaram bavathi	Human following robot using Auduino with GPS Tracker	6 Months	0.35	0.33	This robot has an ultrasonic sensor which detects the object and sends the information to the Arduino and motor driver which controls the process of the wheels and microcontroller the whole operation
2	Dr.P.Lakshmanan	Four quadrant DC motor controlled by android applications	6 Months	0.42	0.39	Controlling a four-quadrant DC motor via an Android application allows for remote, precise, and versatile control, enabling applications like robotic, industrial, and even automotive systems, where forward, reverse, and braking operations are crucial.
3	Mr.G.Nagaraju	Multi Power supply using 4 different sources for N0- Brake Power supply	6 Months	0.42	0.41	“Energy deliver from four extraordinary assets: sun, Inverter, primary and Generator” has been explained in this project with all its capabilities and details. it'll decorate the productivity due to auto switching and will also growth the speed of operation so no interruption will occurs.
Amount received (Rs.)				1.19	1.13	
CAYm2(2022-23)						
1	G.Naveen	Design and fabrication of “Hybrid Solar based Tri-Cycle”	1 Year	1.80	1.72	This project is made with pre planning, that it provides flexibility in operation. This innovation has made the more desirable and Economical

2	Mr.SK.Karimulla	RPM display for BLDC motor with Speed controller	6 Months	0.15	0.12	This project is used to control and measure the BLDC motor speed by using an IR speed sensor mechanism. There is a need for controlling a DC motor speed in industries that uses drilling, spinning, lathes, elevators etc
Amount received (Rs.)				1.95	1.84	
CAYm3(2021-22)						
1	Dr.G.Mahendar	Analysis of Smart card & Password based Authentication system	6 Months	0.63	0.5876	<i>Smart cards</i> help to maintain protection against security threats from careless storage of <i>passwords</i> to <i>system</i> hacks.
2	Dr.P.Lakshmanan	Experimental verification on wireless power transfer of High Speed Electric Vehicle	6 Months	0.46	0.425	wireless power transfer (WPT) for high-speed electric vehicles (EVs) shows promising results, with magnetic resonance coupling being a suitable method, enhancing efficiency, and enabling longer-distance transmission
3	Dr.SK,MD.Shareef	Experiments on simultaneous Voltage sag/swell and load reactive power compensation using IUPQC.	5 Months	0.24	0.23	The performance of the proposed concept of simultaneous load reactive power and voltage sag/swell compensation has been evaluated by simulation. To analyze the performance of UPQC-S, the source is assumed to be pure sinusoidal
Amount received (Rs.)				1.33	1.2426	
Total amount (Lacs) received for the past 3 years				4.47	4.2126	