

## **FACULTY ACIEVEMENTS**

### **PATENTS**

Total number of patents granted from inception: 02

Total number patents published from inception: 21

### **PUBLICATIONS**

Number of research papers published in the Journals notified on UGC CARE (SCIE & SCOPUS) list during the last five years

<b>S.No.</b>	<b>C.Y</b>	<b>Number</b>
1	2023	42
2	2022	44
3	2021	38
4	2020	36
5	2019	22
6	2018	16

### **RSEARCH PROJECTS**

1. Dr.D.Ragaleela (Principal Investigator) and Dr.Ch.Padmanabha Raju received a grant of Rs.91,000/-from Unnat Bharath Abhiyan under SEG on Rural Energy System for the project titled “Development of an automated coconut breaking Machine” on 18th January 2024
2. Dr.D.Ragaleela idea Proposal was approved by MSME Idea Hackathon 3.0 (women) for the project titled “Tender coconut punching machine” on 29th February 2024 with Idea Reference No. IDEAAP012095 in the Sector: Miscellaneous for a funding of approximately Rs.12,75,000/-

### TEACHERS RECOGNISED AS RESEARCH GUIDES

- ✓ Teachers recognised as research guides during last five years : 08
- ✓ Teachers with Ph.D during the last five years : 13
- ✓ Total number Research scholars awarded with Ph.D under the guidance of Dr.Ch.Padmanabha Raju: 02
- ✓ Average Experience in Teaching: 16 Years

### REVENUE GENERATED FROM CONSULTANCY AND CORPORATE TRAINING

Name of consultancy project/corporate training program	Consulting/Sponsoring agency with contact details	Revenue generated (INR in Lakhs)	Number of trainees
Quality Connect Programme- Bureau of Indian Standards	1. S.V.S.Bhavanarayana, section officer, BIS 2. A.Anoop Kumar, Graduate Engineer, BIS 3. D.Krishna Veer Varma, Standards Promotion Officer, BIS, Ministry of consumer affairs, Food & Public Distribution, Vijayawada Branch office, GOI.	Rs.5,46,000/-	364

### Faculty Details and SFR Ratio

Academic Year	Number of Faculty	SFR Ratio
2018-19	29	17.14
2019-20	26	19.76
2020-21	25	19.68
2021-22	25	19.48
2022-23	21	18.66

LIST OF ACTIVE MOU'S

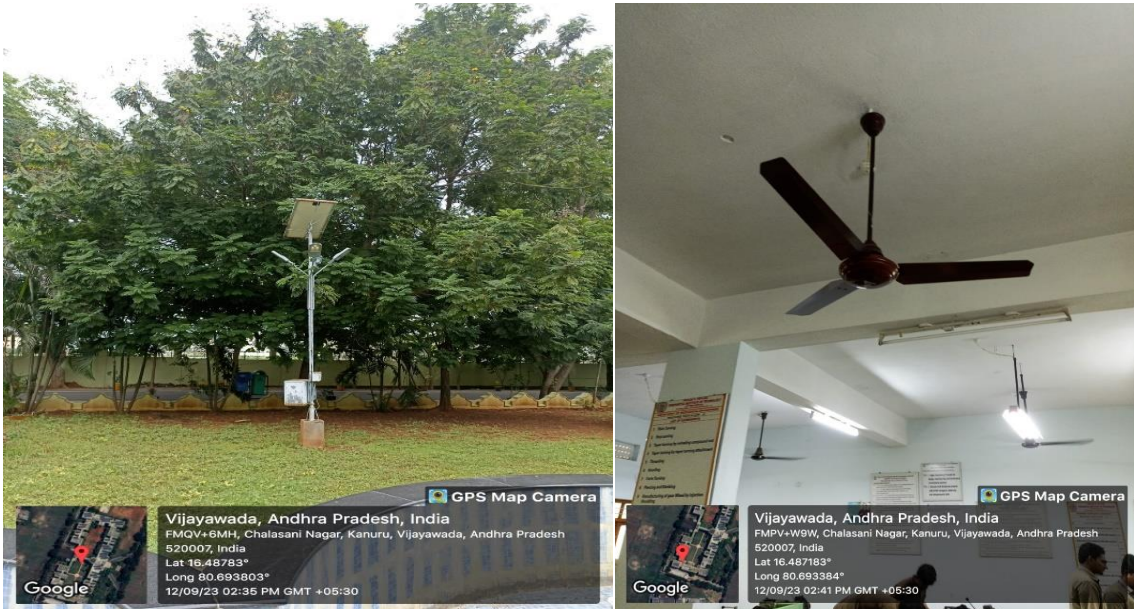
Name of the institution/ industry/ corporate house	Year of signing MoU	MOU ending date	Total Duration
M/s. Sai Tesla Power, Surampally Village, Gannavaram	January 2024	January 2027	3 years
Bureau of Indian Standards, Vijayawada	24 <sup>th</sup> November 2022	24 <sup>th</sup> November 2025	3 years
Software Development Centre South Central Railway Women welfare Organisation Vijayawada	1st July 2023	1st July 2025	2 years
G.S. Electricals, Vijayawada	30th June 2022	30th June 2025	3 years
APGENCO Training institute, NTPS, Ibrahimpatnam	9th May 2022	9th May 2025	3 years
Department of Physics, SDM Siddhartha Mahila Kalasala, Vijayawada	7th January 2022	7th January 2026	4 years
AB Technologies	25th November 2021	25th November 2024	3 years
Kumar Pumps, Sri Lakshmi Ganapathi Engg., Work,Tenali	20th November 2021	20th November 2024	3 years

INSTITUTIONAL VALUES & BEST PRACTICES

1. Solar Energy - 200 kW Rooftop Installation
2. Wheeling to the Grid with APCPDCL



### 3. Use of LED Bulbs, BLDC Fans, and Power-Efficient Equipment



### 4. Designed and developed three wheeler Electric Vehicle



## STUDENT ACIEVEMENTS

### Internships

- ✓ 16 students of 2024 passed outs completed their internship and Projects at NIT-AP, Tadepalligudem

### Industrial visits

### Ph.D awarded

<b>Name of the PhD scholar</b>	<b>Name of the guide/s</b>	<b>Title of the thesis</b>	<b>Year of registration of the scholar</b>	<b>Year of award of PhD</b>
Mr.B. Baddu Naik	Dr. Ch. Padmanabha Raju, Professor & Head, Department of EEE, PVPSIT, R. Srinivasa Rao, Professor, Department of EEE, UCEK, JNTUK, Kakinada.	Resolving Congestions in deregulated Power system using FACTS Devices	2013	2023
Mr. C.Kumar	Dr. Ch.Padmanabha Raju (Supervisor) and Dr. P.Sujatha (Co-Supervisor), Professor, JNTUA, Ananthapuramu	Security constrained OPF by Hybrid Algorithms in Interconnected Power Systems using FACTS devices	2011	2020

### Placements and Higher Education Details

<b>Academic Year</b>	<b>Number of Placement Offers</b>	<b>Number of Students Placed</b>	<b>Highest Pay Package</b>	<b>Number of Students Joined Higher Education</b>
2018-19	91	76	3.8 LPA	10
2019-20	86	75	4.00 LPA	8
2020-21	112	87	4.5 LPA	8
2021-22	154	86	6.5 LPA	4
2022-23	148	96	7.5 LPA	5

Outgoing Batch Student Result Analysis

<b>Academic Year</b>	<b>Number of Students appeared</b>	<b>Number of Students Graduated</b>	<b>Percentage</b>
2018-19	127	115	90.55
2019-20	126	103	81.75
2020-21	135	110	81.48
2021-22	134	108	80.59
2022-23	126	112	88.89