

## Faculty Profile

Name	Kurella Pavan Kumar
Date of Birth	08 June 1990
Unique ID (AICTE ID)	1-3548504463
Education Qualifications	Pursuing (PhD) from NIT Goa Master of Engineering in Control Systems
Work Experience	
a) Teaching	7Years 10months
b) Research	5 years, in DST Sponsored Project “Demonstration of Grid Supportive EV Charger and Charging Infrastructure at L.T Level (D-EVCI)” in collaboration with IIT Delhi from 2nd January 2019 to till date
c) Industry	
d) Others	AICTE IDEALab Co-Coordinator and IIC Innovation Coordinator of SRKR Engineering College
Area of Specialization	Control Systems, Cyber-Physical Systems
Courses taught at Under Graduate/ Post Graduate Level	<b>Post Graduate Level:</b> Real-Time Control of Power Systems <b>Under Graduate Level:</b> Electrical Vehicles, Digital Signal Processing, Microprocessors & Microcontrollers, Circuit Theory, Introduction Electrical Systems, Control Systems, Electrical Technology, Power Systems -1, Digital Logic Design, Python Programming, Smart Systems Lab, Solar Energy & Systems Lab, Electrical Vehicle Technology Lab
Research guidance	-
a. No. of papers published in National/ International Journals/ Conferences	-
b. Master (No. of Completed/Ongoing)	-
c. Ph.D. (No. of Completed/Ongoing)	-
No. of Projects Carried out	1 Co-PI for DST Sponsored Project <b><u>“Demonstration of Grid Supportive EV Charger and Charging Infrastructure at L.T Level (D-EVCI) in collaboration IIT Delhi</u></b>

No. of Patents (Filed & Granted)	-
Technology Transfer	<ul style="list-style-type: none"> <li>● <b>As a Resource Person for FDPs/ Workshops: 3</b></li> <li>● <b>FDPS/ Workshops attended: 21</b></li> <li>● NPTEL Courses Completed:13</li> <li>● <b>Internship Training for Students under DST Project: 12 Students completed and ongoing with another 18 Students</b></li> <li>● <b>Internship Training for Students acts as a mentor on Cyber-Physical Systems and Cyber Security with the application of Reinforcement Learning</b></li> <li>● <b>Internship Training for Students acts as a mentor for the project related to developing a IoT system that addresses a critical problem in aquaculture which is a power cut or Power Failure</b></li> <li>● <b>Qualified UGC_NET Junior Research Fellow(JRF) &amp; UGC_NET ASSISTANT PROFESSOR in Electronic Science (Nov 2017)</b></li> <li>● <b>Got GATE Rank of 2395(Score:592) in the year 2021</b></li> <li>● <b>Got NPTEL Discipline Star Certificate in Electrical Engineering Discipline in July-Dec 2021</b></li> <li>● <b>Mentored and participated in the final competition of Smart India Hackathon-2022(25th -26th August 2022) at Manipal University, Jaipur for the problem statement BV806 -“Suggest a redefined solution to help cities locate EV(Electric Vehicles) charging infrastructure” and got 2nd Position.</b></li> <li>● <b>Mentored the project titled "Cotton ginning machine for small scale farmers" in the e-Yantra Innovation Challenge (eYIC) 2022-23 and The team has been selected as one of the 10</b></li> </ul>

	<p><b>finalist teams out of 490 teams.</b> This team demonstrated their project at the eYIC National Finals 2022-23 held on 5th - 6th April,2023.</p> <ul style="list-style-type: none"> <li>● <b>Organising Secretary</b> for National Level 7 Day Hands on Training Program on " Integrative Research in various fields of Engineering "sponsored by DST under STUTI Program - 2021 ( DST/RND/STUTI/2021/18 ) by SRKR Engineering College in Collaboration with GITAM Institute of Technology , GITAM Deemed to be University, Visakhapatnam during 21<sup>th</sup> September - 27<sup>th</sup> September 2022.</li> <li>● Developed and <b>Lab Incharge of Smart Systems Lab</b>, Dept. of EEE, SRKR Engineering College</li> <li>● Developed, Lab in charge and <b>SPOC Person of APPLIED ROBOT CONTROL Lab</b> of SRKR Engineering college.</li> <li>● Got <b>Top Performing Mentor</b> certificate for the course <b><u>DESIGN FOR INTERNET OF THINGS</u></b> (NPTEL)</li> <li>● Got <b>Mentor</b> certificate for the course <b><u>INDUSTRIAL AUTOMATION AND CONTROL</u></b>(NPTEL)</li> </ul>
Research Publications (No. of papers published in National/International Journals/Conferences)	1/1
No. of Books published	-