


**FACULTY PROFILE**

<b>Name</b>	<b>Mrs. G.ROOPA</b>
<b>Employee ID</b>	AIET068
<b>Designation</b>	Assistant Professor
<b>Educational Qualification</b>	M.Tech. (Ph.D.)
<b>Area of Specialization</b>	Power Electronics
<b>Department</b>	Information Science and Engineering
<b>Date of Joining to AIET</b>	24-03-2025
<b>Total Experience in years</b>	Teaching :14 Research :5
<b>E-mail</b>	Roopa.gurijepalli@gmail.com

**Details of Educational Qualification**

<b>Degree</b>	<b>Specialization</b>	<b>Passed out year</b>	<b>University</b>
Ph.D.	Electronics	Pursuing	VTU
M.Tech.	Power Electronics	2007	JNTU

**MOOC/NPTEL**

<b>Sl. No</b>	<b>Name of the Course</b>	<b>Duration of the course</b>	<b>Month and Year of completion</b>	<b>Course offered by</b>
1	AI_ML Using Python	12 WEEKS	June 2025	Swayamplus,IIT Chennai

**Research Details**

Research Areas	Electronics, Machine learning
ORCID-ID	<a href="https://orcid.org/0009-0002-2121-3251">https://orcid.org/0009-0002-2121-3251</a>

## Papers Published in Journals

Sl. No.	Title of the paper	Year of Publication	Journal Name	DOI
1	An Adaptive Fault Tolerant and control strategy Technique for PETT “,	2025	SSRG-International Journal of Electrical and Electronics Engineering(SSRG-IJEE)”	<a href="https://doi.org/10.14445/23488379/IJEEE-V12I10P111">https://doi.org/10.14445/23488379/IJEEE-V12I10P111</a>
2	Artificial Neural Network Based Method for Detection, Location and Classification of Faults on A Transmission Lines in	2017	IJSRP(International Journal Scientific Research &Publications)	

## Book Chapter Published

Sl. No	Title of the paper	Year of Publication	Journal Name	DOI
1	“Survey on Adaptive fault tolerant and control strategy techniques on PETT	2025	ICT4SD-2025 Volume 01 Springer	<a href="https://link.springer.com/book/10.1007/978-3-032-06662-6">https://link.springer.com/book/10.1007/978-3-032-06662-6</a>

## Papers Presented in Conferences

Sl. No	Title of the paper	Name of the Conference	Date of Conference	Place of Conference
1	“Survey on Adaptive fault tolerant and control strategy techniques on PETT”	International Conference on Emerging trends in ICT for computation.	17-19 <sup>th</sup> July 2025.	Goa
2	Design of Controller of Antenna Control System of DWR), held at, India on.	National Conference on Emerging trends in VLSI, Embedded Systems, Nano electronics and Telecommunication Systems (NCEVENT-2015)	16th and 17th June2015	Dayananda Sagar College of Engineering, Department of Electronics and Communication, Bengaluru
3	Holographic Visuals Involving Automation,	National Conference on signal processing and communication -2014, 28-34	22/03/2014	BMSIT, Bengaluru

**Grants fetched**

Sl. No	Granting Agency	Title of the project	Year of granting	Amount sanctioned (Rs.)
1	Student project programme-40” series”(Ref no:40S_BE_1176)	Vehicle Theft Avoidance and Detection using DTMF and Android	2017	7000

**Faculty Development Program (FDP)/Student Development Program (SDP)/Conference organized**

Sl. No	Name of the program	FDP/SDP/Conference	Period	
			From	To
1	One week Online International FDP on “Empowering Educators with AI: From Research Tools to Generative Innovations” from MITS	FDP	30/12/2024	04/01/2025
2	IEEE workshop on “Internet Protocol and standards” conducted by NCET	FDP	20/07/2018	20/07/2018
3	ISRO PROJECTS awareness program RRCS-SOUTH	FDP	26/09/2017	26/09/2017
4	DRISHTI Online contest, Texas Instruments University Program	NCET	31/08/2018	
5	DRISHTI Online contest, Texas Instruments University Program	NCET	01/09/2018	

**Past positions**

Sl. No	Designation	Organisation	Period	
			From	To
1	Associate professor	Nagarjuna college of Engineering and Technology, Bengaluru.	03/08/2015	31/07/2020
2	Assistant Professor	Nagarjuna college of Engineering and Technology, Bengaluru.	01/02/2008	02/08/2015