

FACULTY PROFILE



Name: G. KIRANKUMAR

Designation: Assistant professor(c)

Department: Electrical Engineering

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EDUCATIONAL QUALIFICATIONS:

S.No.	Course	Specialization	University/College	Year	Distinction
1	B. Tech	Electrical and Electronics Engineering	VCE, JNTUH	2010	Distinction
2	M. Tech	Power Engineering	JNTUHCE, JNTUH	2014	Distinction
3	(Ph.D.)	Electrical Power Systems	EED, UCE(A), OU		

WORK EXPERIENCE:

S.No.	Organization/Institute	Designation	Period
1	University College of Engineering(A), Osmania University	Assistant Professor	August 2010 to till date

AREAS OF INTEREST:

1. Reliability Engineering
2. Distribution System Reliability
3. Smart Grids
4. Automation and Smart Technologies

PUBLICATIONS:

S.No.	Author	Publication type	Title	Year of Publication
1	E. Vidya Sagar, G. Kiran Kumar	National Conference on Innovations and Design Challenges in Electrical and Medical Electronics	““Reliability Comparison of Different Types of Industrial Substations”	21 st -22 nd August 2015
2	E. Vidya Sagar, G. Kiran Kumar	Power, Control, Communication Technologies for Sustainable Growth (PCCCTSG), IEEE Conference	“Reliability Improvement of Radial Distribution Systems Using Microgrids placed on Distributors”	11 th -12 th Dec.,2015
3	E. Vidya Sagar, T. Kavita and G. Kiran Kumar	International Journal of Electronics, Electrical and Computational System	"Reliability Evaluation of Radial Feeder for Different Proportional Failures Occurring in Adverse Weather"	ISSN 2348-117X Volume 6, Issue 11 November 2017
4	E. Vidya Sagar, T. Kavita and G. Kiran Kumar	International Journal of Emerging Technology and Advanced Engineering	"Reliability Analysis of Two Weather Modeled Substation and Its Impact on Practical LV & HV Distribution Systems”	Volume 7, Special Issue 1, December 2017

FDP's

S. No	Name of the Program	Duration	Venue
1	One week Faculty Development Program on “Advances in Power Electronics and Drives”	12 th to 17 th May, 2014	Dept. of Electrical Engineering, UCE(A), OU
2	One week Faculty Development Program on “Distributed Generation and Power Quality Issues”	30 th June to 5 th July, 2014	Dept. of Electrical Engineering, UCE(A), OU
3	One Day Workshop on “How to Write Research Proposal”	18 th Sept 2015	Dept. of Electrical Engineering, UCE(A), OU

4	One Day “Awareness Workshop on Outcome Based Education and Accreditation”	18 th Dec 2016	UCE(A), OU, Hyderabad In Association with NBA, New Delhi
5	A Short-Term Course on “Engineering Research Methodology”	11 th to 14 th Dec.,2017	Dept. Of Mechanical Engineering, UCE, OU, HYD.
6	One week GIAN short term course on “High Voltage Gain Soft-Switching Advanced Current-fed Technologies for Microgrid and Electric Transportation”.	18 th to 23 rd Dec., 2017.	Dept. of Electrical Engineering, UCE(A), OU, HYD.
7	Two-day FDP on “Power Quality – Harmonic Analysis for Power Systems”.	19 th and 20 th Sep.,2016	Dept. of Electrical Engineering, UCE(A), OU, HYD.
8	One day Induction Program	20 th Jan.,2018	UCE (A), OU
9	Five days program on “Electronic Product Design”	2 nd to 6 th Jan.,2017	Bio-Medical Engineering, UCE(A), OU, HYD.
10	One-week Online FDP on “Modern Trends in Electrical Drives”	19 th to 23 rd May 2020	Department of electrical Engineering, NIT, Nagpur
11	Two-day online workshop on “Reliability and It’s Applications to Power systems and Drives”	26 th to 27 th June 2020	EED, UCE(A), OU, Hyderabad.
12	AICTE Sponsored One-week Online FDP on “AI Techniques to Electrical Engineering”	6 th to 10 th July 2020	JNTUH, Hyderabad, T.S.
13	Three-day Online workshop on “Workshop on Robotics”	31 st July to 2 nd August 2020	SkilltoHire, Hyderabad
14	AICTE Sponsored Online Phase-I One-week STTP on “Challenges in Electric Vehicular Battery Charging & Grid Integration Issues”	3 rd to 8 th August 2020	Rajeev Gandhi Memorial College of engineering & Technology (A), Kurnool, AP, India.
15	AICTE Sponsored One-week online STTP on “IoT & Advanced Power Electronics Applications in Smart Grid”	10 th to 14 th August 2020	K. K. Wagh Institute of Engineering Education & Research, MH, INDIA.
16	AICTE Sponsored Online Phase-II One-week STTP on “Challenges in Electric Vehicular Battery Charging & Grid Integration Issues”	24 th to 29 th August 2020	Rajeev Gandhi Memorial College of engineering & Technology (A), Kurnool, AP, India.
17	AICTE Sponsored Online Phase-III One-week STTP on “Challenges in Electric Vehicular Battery Charging & Grid Integration Issues”	24 th to 30 th September 2020	Rajeev Gandhi Memorial College of engineering & Technology (A), Kurnool, AP, India.
18	Online One Week Short Term Training Program On “Blockchain Technology & Cryptocurrency”	25 th June to 2 nd July 2021	Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra.

WEBINARS:

S. No	Name of the Program	Duration	Venue
01	High Efficiency DC/DC Converters with a New Coupled-Inductor-Rectifier Structures	26 th May 2020	IEEE, New York
02	The utility pathway to digitalization	10 th June 2020	ABB
03	Digitally delivering the service experience	3 rd June 2020	ABB
04	Design consideration for Transformers in Full-Bridge Phase Shift Converters	18 th June 2020	IEEE, New York
05	IEEE Webinar on Grid Integration of Electric Vehicles”	2 nd August 2020	IEEE Jamia Millia Islamia, Hyderabad.
06	Looking at Peaks and Troughs: Teaching DSP in the Classroom with MATLAB and Simulink	4 th August 2020	MathWorks
07	A webinar on “Development of TES Technology Solutions for Improvement of Solar Energy Systems Reliability”	6 th August 2020	St. JOSEPH’S COLLEGE OF ENGINEERING, Chennai.
08	Webinar on “Patent-A career Enhance Opportunity to Academicians and Researchers”	10 th August 2020	Nandha Engineering College (A), Tamilnadu.
09	Empowering Students Using Real-World Problems with Hardware, IoT and MATLAB	3 rd September 2020	MathWorks
10	Teaching Artificial Intelligence with MATLAB	22 nd September 2020	MathWorks
11	Developing DC-DC Converter Control in Simulink	20th July 2021	MathWorks
12	A Deep Dive into Deep Learning Modeling - Session 1: Designing Experiments	28th July 2021	MathWorks