

OFFICE OF DEAN (Research)
(Empowering CRESCENT through Exemplary Research)

School of Electrical and Communication Sciences

Department of Electrical and Electronics Engineering

S. No.	Name of the Supervisor and Designation	Email Id	Supervisor Recogn. No.	Area of Expertise	Vacancy (as of 30.09.2023)	Faculty Home Page for more information
1.	Dr. R. Jayashree Professor	jayashree@crescent.education	EE/09/04	<ul style="list-style-type: none"> Deregulated power system Micro grid Load frequency control Reactive power support ATC and congestion management 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-r-jayashree/
2.	Dr. Y. Mohamed Shuaib Professor	mdshuaiby@crescent.education	EE/16/07	<ul style="list-style-type: none"> Power System Control Power Quality Power Electronics AI application to power system Microgrid/Smart grid 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-y-mohamed-shuaib/
3.	Dr. S. Jennathu Beevi Associate Professor	jennathu.beevi@crescent.education	EE/23/13	<ul style="list-style-type: none"> Power System Engineering Control systems and design of controllers Electrical Machine design Solar Energy Technology Soft computing & Optimization Algorithms 	5	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-s-jennathu-beevi/

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4.	Dr. R. Zahira Associate Professor	zahira@crescent.education	EE/20/08	<ul style="list-style-type: none"> Power quality improvement in Power System Microgrids and Renewable Energy Systems Power Converters for Electric vehicles (V2G and G2V) IoT for electrical Engineering BMS for EV 	5	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-r-zahira/
5.	Dr. Belwin J. Brearley Asst. Prof. (Sel.Gr.)	belwin@crescent.education	EE/23/12	<ul style="list-style-type: none"> Electric Vehicle Cyber Security/Cyber resilience in Power System network Machine learning algorithms for Power electronics/ Power system Smart Grid/Microgrid Power Electronic application to Power system 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-belwin-j-brearley/

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6.	Dr. S. Suresh Asst. Prof. (Sel.Gr.)	ssuresh@crescent.education	EE/23/14	<ul style="list-style-type: none"> • Electric Vehicle • Power Converters • Power System Analysis • Mathematical Modelling and Control Systems • Machines and Facts controllers 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-s-suresh/
7.	Dr. Sarmila Har Beagam Asst. Prof. (Sr. Gr.)	ksarmila@crescent.education	EE/23/15	<ul style="list-style-type: none"> • Deregulated Power Systems • Electric Vehicle • Power Electronics and drives • Electric Machines • Electric Circuits 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-k-sarmila-har-beagam/
8.	Dr. K. Shafeeque Ahmed Assistant Professor	shafeeque@crescent.education	EE/20/09	<ul style="list-style-type: none"> • Deregulated Electricity Market • Smart Grid • Micro Grid 	3	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-k-shafeeque-ahmed/
9.	Dr. K. R. Shanmuga Vadivu	shanmugavadivu@crescent.education	EE/23/17	<ul style="list-style-type: none"> • Multilevel power factor correction converters 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-k-shanmuga-vadivu/

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	Asst. Prof.			<ul style="list-style-type: none"> Control strategies for PFC converters Hybrid Energy Sources AI based power electronic converters Electric Vehicle 		sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-k-r-shanmuga-vadivu/
10.	Dr. P. Abirami Asst. Prof.	abirami.eee@crescent.education	EE/23/16	<ul style="list-style-type: none"> Power Electronics Power Electronics in Power System Embedded Systems AI and IOT based Power Electronic Applications Converters 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-p-abirami/
11.	Dr. R. Hannah Lalitha Assistant Professor	hannah.eee@crescent.education	EE/22/11	<ul style="list-style-type: none"> Protection of Micro Grids Smart Grids Optimization Techniques Artificial Intelligence Renewable Energy Systems 	3	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electricals-and-electronics-engineering/faculty-info/faculty-members/dr-r-hannah-lalitha/

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1.	Dr. C. Tharini Professor	tharini@crescent.education	EC/12/05	<ul style="list-style-type: none"> Wireless Communication & Networks Sensor Design Image Processing and IoT 	1	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-c-tharini/
2.	Dr. B. Vijayalakshmi Professor	vijayalakshmi.b@crescent.education	EC/13/06	<ul style="list-style-type: none"> Optical Communication Image processing Transmission lines and Antenna design Communication Engineering Electro Optic Systems 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-b-vijayalakshmi/
3.	Dr. S. Kaja Mohideen Sr. Professor	kajamohideen@crescent.education	EC/09/01	<ul style="list-style-type: none"> VLSI Wireless Communication Antenna Image Processing Wireless Networks, IOT 	2	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-s-kaja-mohideen/

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4.	Dr. P. K. Jawahar Professor	jawahar@crescent.education	EC/10/04	<ul style="list-style-type: none"> IoT VLSI Networks Embedded Systems Blockchain 	6	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-p-k-jawahar/
5.	Dr. M. Mohamed Ismail Professor	mmismail@crescent.education	EC/14/08	<ul style="list-style-type: none"> VLSI Modeling Microprocessor and Microcontroller designs Digital and Embedded systems Applications 	1	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-mohamed-ismail/
6.	Dr. G. Kannan Associate Professor	kannan@crescent.education	EC/14/09	<ul style="list-style-type: none"> Embedded System Wireless Communication Internet of Things Artificial Intelligence Optimization Techniques 	1	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-g-kannan/
7.	Dr. Parnasree Chakraborty Associate Professor	prernasree@crescent.education	EC/20/11	<ul style="list-style-type: none"> Signal and Image Processing Digital Communication Wireless Sensor Network AI and Machine learning 	5	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-parnasree-chakraborty/

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8.	Dr. V. Jean Shilpa Associate Professor	jeanshilpa@crescent.education	EC/21/12	<ul style="list-style-type: none"> VLSI Design Artificial Intelligence IoT FPGA designs MAchine learning 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-v-jean-shilpa/
9.	Dr. M. Vanmathi Associate Professor	vanmathi@crescent.education	EC/23/14	<ul style="list-style-type: none"> Nano Electronics Thin Film Technology Gas sensing Electrical characterization of thin films Nano material based device fabrication 	5	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-m-vanmathi/
10.	Dr.S. Anusooya Asst. Prof. (Sel.Gr.)	anusooya@crescent.education	EC/23/17	<ul style="list-style-type: none"> Analog VLSI Digital VLSI Mixed Circuit Design in VLSI design Testing of VLSI circuits VLSI Digital Signal Processing 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/s-anusooya/
11.	Dr.A. Ambika Asst. Prof. (Sel. Gr.)	ambika@crescent.education	EC/23/16	<ul style="list-style-type: none"> Antennas and Meta Materials 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-a-ambika/

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12.	Dr. S. Kalaivani Asst. Prof. (Sr. Gr.)	skalaivani@crescent.education	EC/23/13	<ul style="list-style-type: none"> Wireless Sensor Networks Communication and Networks Signal and Image Processing Biomedical VLSI 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-s-kalaivani/
13.	Dr. A. Priya Asst. Prof. (Sel.Gr.)	priyamarish@crescent.education	EC/23/15	<ul style="list-style-type: none"> Antenna Design along with Materials RF and Microwave Wireless, Mobile, Underwater and TeleCommunication EMF and Transmission lines Reconfigurable and Smart Antennas 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-a-priya/
14.	Dr. S. Syed Rafiammal Asst. Prof. (Sel.Gr.)	rafiammal@crescent.education	EC/23/18	<ul style="list-style-type: none"> Machine Learning and Deep learning Bio medical signal Processing Artificial Intelligence Digital circuits Signal processing 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-communication-engineering/faculty-info/faculty-members/dr-s-syed-rafiammal/

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1.	Dr. D. Najumnissa Jamal Professor	najumnissa.d@crescent.education	EI/12/05	<ul style="list-style-type: none"> Biomedical Signal / Image Processing Control Systems Powerplant Instrumentation 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-instrumentation-engineering/faculty-info/faculty-members/dr-d-najumnissa-jamal/
2.	Dr. A. Abudhahir Professor	abudhahir@crescent.education	EI/22/04	<ul style="list-style-type: none"> Measurements and Instrumentation Image Processing Non-destructive Testing & Evaluation Educational Quality Assurance Outcome Based Education 	8	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-instrumentation-engineering/faculty-info/faculty-members/dr-abudhahir-a/

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3.	Dr. M.S. Murshitha Shajahan Asst. Prof. (Sel. Gr.)	murshitha@crescent.education	EI/21/03	<ul style="list-style-type: none"> Process Control Instrumentation and Optimisation Sensors Renewable energy 	3	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-instrumentation-engineering/faculty-info/faculty-members/dr-m-s-murshitha-shajahan/
4.	Dr. P. R. Hemavathy Asst. Prof. (Sel. Gr.)	shemavathy@crescent.education	EI/23/06	<ul style="list-style-type: none"> Advanced process control Intelligent control techniques Sensors and Transducers Industrial Automation Soft sensing 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-instrumentation-engineering/faculty-info/faculty-members/dr-p-r-hemavathy/
5.	Dr. G. Anitha Asst. Prof. (Sel. Gr.)	anidhag@crescent.education	EI/23/07	<ul style="list-style-type: none"> Image Processing Bio-signal Processing Artificial Intelligent techniques -Machine learning and Deep learning Pattern Recognition 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-instrumentation-engineering/faculty-info/faculty-members/dr-g-anitha/

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6.	Dr. H. Kareemullah Asst. Prof. (Sr. Gr.)	kareemullah@crescent.education	EI/21/02	<ul style="list-style-type: none"> Robotics (Machine Vision) VLSI (MPSOC Architecture) Medical signal and Image Processing 	2	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-instrumentation-engineering/faculty-info/faculty-members/dr-h-kareemullah/
7.	Dr. J. Susai Mary Asst. Prof.	susaimary.eie@crescent.education	EI/22/05	<ul style="list-style-type: none"> Process Control Monitoring and Fault diagnosis Automation 	4	https://crescent.education/university/schools/school-of-electrical-and-communication-sciences/department-of-electronics-and-instrumentation-engineering/faculty-info/faculty-members/dr-j-susai-mary/