

**OFFICE OF DEAN (Academic 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 31.03.2026)	Faculty Home Page
1.	Dr. S. Jennathu Beevi Associate Professor	<a href="mailto:jennathu.beevi@crescent.education">jennathu.beevi@crescent.education</a>	EE/23/13	<ul style="list-style-type: none"> <li>Power System Engineering</li> <li>Control systems and design of controllers</li> <li>Electrical Machine design</li> <li>Solar Energy Technology</li> <li>Soft computing &amp; Optimization Algorithm</li> </ul>	3	<a href="https://crescent.education/dr-s-jennathu-beevi-eee/">https://crescent.education/dr-s-jennathu-beevi-eee/</a>
2.	Dr. R. Jayashree Professor	<a href="mailto:jayashree@crescent.education">jayashree@crescent.education</a>	EE/09/04	<ul style="list-style-type: none"> <li>Deregulated power system</li> <li>Micro grid</li> <li>Load frequency control</li> <li>Reactive power support</li> <li>ATC and congestion management</li> </ul>	5	<a href="https://crescent.education/dr-r-jayashree-eee/">https://crescent.education/dr-r-jayashree-eee/</a>
3.	Dr. Y. Mohamed Shuaib Professor	<a href="mailto:mdshuaiby@crescent.education">mdshuaiby@crescent.education</a>	EE/16/07	<ul style="list-style-type: none"> <li>Power System Control</li> <li>Power Quality</li> <li>Power Electronics</li> <li>AI application to power system</li> <li>Microgrid/Smart grid</li> </ul>	5	<a href="https://crescent.education/dr-y-mohamed-shuaib-eee/">https://crescent.education/dr-y-mohamed-shuaib-eee/</a>

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4.	Dr. R. Zahira Associate Professor	<a href="mailto:zahira@crescent.education">zahira@crescent.education</a>	EE/20/08	<ul style="list-style-type: none"> <li>Power quality improvement in Power System</li> <li>Microgrids and Renewable Energy Systems</li> <li>Power Converters for Electric vehicles (V2G and G2V)</li> <li>IoT for electrical Engineering</li> <li>BMS for EV</li> </ul>	4	<a href="https://crescent.education/dr-r-zahira-eee/">https://crescent.education/dr-r-zahira-eee/</a>
5.	Dr. Belwin J. Brearley Asst. Prof. (Sel.Gr.)	<a href="mailto:belwin@crescent.education">belwin@crescent.education</a>	EE/23/12	<ul style="list-style-type: none"> <li>Electric Vehicle</li> <li>Cyber Security/Cyber resilience in Power System network</li> <li>Machine learning algorithms for Power electronics/ Power system</li> <li>Smart Grid/Microgrid</li> <li>Power Electronic application to Power system</li> </ul>	No Vacancy	<a href="https://crescent.education/dr-belwin-j-brearley-eee/">https://crescent.education/dr-belwin-j-brearley-eee/</a>
6.	Dr. K. Sarmila Har Beagam Asst. Prof. (Sel. Gr.)	<a href="mailto:ksarmila@crescent.education">ksarmila@crescent.education</a>	EE/23/15	<ul style="list-style-type: none"> <li>Deregulated Power Systems</li> <li>Electric Vehicle</li> <li>Power Electronics and drives</li> <li>Electric Machines</li> <li>Electric Circuits</li> </ul>	2	<a href="https://crescent.education/dr-k-sarmila-har-beagam-eee/">https://crescent.education/dr-k-sarmila-har-beagam-eee/</a>

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7.	Dr. S. Suresh Asst. Prof. (Sel.Gr.)	<a href="mailto:ssuresh@crescent.education">ssuresh@crescent.education</a>	EE/23/14	<ul style="list-style-type: none"> <li>• Electric Vehicle</li> <li>• Power Converters</li> <li>• Power System Analysis</li> <li>• Mathematical Modelling and Control Systems</li> <li>• Machines and Facts controllers</li> </ul>	No Vacancy	<a href="https://crescent.education/s-suresh-eee/">https://crescent.education/s-suresh-eee/</a>
8.	Dr. V. Bharanigha Asst. Prof. (Sr. Gr.)	<a href="mailto:bharanigha@crescent.education">bharanigha@crescent.education</a>	EE/24/22	<ul style="list-style-type: none"> <li>• Special Electrical Machines</li> <li>• Power Electronic Converter</li> <li>• Nano Material Based Electrical Machine</li> <li>• Optimization Techniques</li> <li>• Industrial Automation</li> </ul>	2	<a href="https://crescent.education/v-bharanigha-eee/">https://crescent.education/v-bharanigha-eee/</a>
9.	Dr. K. Shafeeque Ahmed Asst. Prof. (Sr. Gr.)	<a href="mailto:shafeeque@crescent.education">shafeeque@crescent.education</a>	EE/20/09	<ul style="list-style-type: none"> <li>• Deregulated Electricity Market</li> <li>• Smart Grid</li> <li>• Micro Grid</li> </ul>	1	<a href="https://crescent.education/dr-k-shafeeque-ahmed-eee/">https://crescent.education/dr-k-shafeeque-ahmed-eee/</a>
10.	Dr. V.Pramila Asst. Prof.	<a href="mailto:pramila@crescent.education">pramila@crescent.education</a>	EE/23/21	<ul style="list-style-type: none"> <li>• Impact of Renewable Energy Technology in Power Systems</li> <li>• Energy Management scheduling in Microgrid</li> <li>• Control Systems</li> </ul>	4	<a href="https://crescent.education/dr-v-pramila-eee/">https://crescent.education/dr-v-pramila-eee/</a>

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11.	Dr. K. R. Shanmuga Vadivu Asst. Prof.	<a href="mailto:shanmugavadivu@crescent.education">shanmugavadivu@crescent.education</a>	EE/23/17	<ul style="list-style-type: none"> <li>• Multilevel power factor correction converters</li> <li>• Control strategies for PFC converters</li> <li>• Hybrid Energy Sources</li> <li>• AI based power electronic converters</li> <li>• Electric Vehicle</li> </ul>	4	<a href="https://crescent.education/dr-k-r-shanmuga-vadivu-eee/">https://crescent.education/dr-k-r-shanmuga-vadivu-eee/</a>
12.	Dr. P. Abirami Asst. Prof.	<a href="mailto:abirami.eee@crescent.education">abirami.eee@crescent.education</a>	EE/23/16	<ul style="list-style-type: none"> <li>• Power Electronics</li> <li>• Power Electronics in Power System</li> <li>• Embedded Systems</li> <li>• AI and IOT based Power Electronic Applications</li> <li>• Converters</li> </ul>	3	<a href="https://crescent.education/abirami-p-eee/">https://crescent.education/abirami-p-eee/</a>
13.	Dr. R. Hannah Lalitha Assistant Professor	<a href="mailto:hannah.eee@crescent.education">hannah.eee@crescent.education</a>	EE/22/11	<ul style="list-style-type: none"> <li>• Protection of Micro Grids</li> <li>• Smart Grids</li> <li>• Optimization Techniques</li> <li>• Artificial Intelligence</li> <li>• Renewable Energy Systems</li> </ul>	3	<a href="https://crescent.education/dr-r-hannah-lalitha-eee/">https://crescent.education/dr-r-hannah-lalitha-eee/</a>

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14.	Dr.S.Priya Assistant Professor	<a href="mailto:priya.eee@crescent.education">priya.eee@crescent.education</a>	EE/23/20	<ul style="list-style-type: none"> <li>• High Voltage Engineering</li> <li>• Electrical Insulation materials</li> <li>• Diagnosis of HV Underground power cable</li> <li>• Condition Monitoring of power apparatus</li> </ul>	4	<a href="https://crescent.education/dr-s-priya/">https://crescent.education/dr-s-priya/</a>
15.	Dr.P.Elangovan Assistant Professor	<a href="mailto:elangovan.eee@crescent.education">elangovan.eee@crescent.education</a>	EE/23/18	<ul style="list-style-type: none"> <li>• Power Electronics</li> <li>• Electrical Drives</li> <li>• Control Engineering</li> <li>• Renewable Energy Conversion and Optimization</li> <li>• Electric Vehicle Technology</li> </ul>	1	<a href="https://crescent.education/dr-p-elangovan/">https://crescent.education/dr-p-elangovan/</a>
16.	Dr. R. Durga Devi Assistant Professor	<a href="mailto:durgadevi@crescent.education">durgadevi@crescent.education</a>	EE/25/25	<ul style="list-style-type: none"> <li>• Renewable Energy &amp; Power Electronics</li> <li>• Smart Grids &amp; DC Microgrids</li> <li>• Control System</li> </ul>	4	<a href="https://crescent.education/dr-r-durga-devi/">https://crescent.education/dr-r-durga-devi/</a>
17.	Dr. P. Chandra Babu Naidu Assistant Professor	<a href="mailto:chandrababunaidu@crescent.education">chandrababunaidu@crescent.education</a>	EE/23/19	<ul style="list-style-type: none"> <li>• Power Quality</li> <li>• Power Electronics</li> <li>• Electric Vehicles</li> <li>• Solar PV System</li> <li>• Facts Devices</li> </ul>	3	<a href="https://crescent.education/dr-p-chandra-babu-naidu/">https://crescent.education/dr-p-chandra-babu-naidu/</a>

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18.	Dr. Syed Muzafar Ahmed. S Assistant Professor	<a href="mailto:muzafarahmed@crescent.education">muzafarahmed@crescent.education</a>	EE/25/23	<ul style="list-style-type: none"> <li>• Power Electronics Converters</li> <li>• Power Electronics Inverters</li> <li>• Electric Vehicles</li> </ul>	4	<a href="https://crescent.education/syed-muzafar-ahmed-s/">https://crescent.education/syed-muzafar-ahmed-s/</a>
19.	Dr. Divya Vijay Assistant Professor	<a href="mailto:divya.eee@crescent.education">divya.eee@crescent.education</a>	EE/25/24	<ul style="list-style-type: none"> <li>• Linear and Non – Linear Control</li> <li>• Electric Vehicles</li> <li>• Aerospace System</li> </ul>	4	<a href="https://crescent.education/divya-vijay/">https://crescent.education/divya-vijay/</a>

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1.	Dr. C. Tharini Professor	<a href="mailto:tharini@crecident.education">tharini@crecident.education</a>	EC/12/05	<ul style="list-style-type: none"> <li>Wireless Communication &amp; Networks Sensor Design</li> <li>Image Processing and IoT</li> </ul>	4	<a href="https://crecident.education/dr-c-tharini-ece/">https://crecident.education/dr-c-tharini-ece/</a>
2.	Dr. G. Kannan Associate Professor	<a href="mailto:kannan@crecident.education">kannan@crecident.education</a>	EC/14/09	<ul style="list-style-type: none"> <li>Embedded System</li> <li>Wireless Communication</li> <li>Internet of Things</li> <li>Artificial Intelligence</li> <li>Optimization Techniques</li> </ul>	3	<a href="https://crecident.education/dr-g-kannan-ece/">https://crecident.education/dr-g-kannan-ece/</a>
3.	Dr. S. Kaja Mohideen Sr. Professor	<a href="mailto:kajamohideen@crecident.education">kajamohideen@crecident.education</a>	EC/09/01	<ul style="list-style-type: none"> <li>VLSI</li> <li>Wireless Communication</li> <li>Antenna</li> <li>Image Processing</li> <li>Wireless Networks, IOT</li> </ul>	4	<a href="https://crecident.education/dr-s-kaja-mohideen-ece/">https://crecident.education/dr-s-kaja-mohideen-ece/</a>

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4.	Dr. M. Mohamed Ismail Professor	<a href="mailto:mmismail@crescent.education">mmismail@crescent.education</a>	EC/14/08	<ul style="list-style-type: none"> <li>VLSI Modeling</li> <li>Microprocessor and Microcontroller designs</li> <li>Digital and Embedded systems Applications</li> </ul>	6	<a href="https://crescent.education/dr-mohamed-ismail-ece/">https://crescent.education/dr-mohamed-ismail-ece/</a>
5.	Dr. P. K. Jawahar Professor	<a href="mailto:jawahar@crescent.education">jawahar@crescent.education</a>	EC/10/04	<ul style="list-style-type: none"> <li>IoT</li> <li>VLSI</li> <li>Networks</li> <li>Embedded Systems</li> <li>Blockchain</li> </ul>	7	<a href="https://crescent.education/dr-p-k-jawahar-ece/">https://crescent.education/dr-p-k-jawahar-ece/</a>
6.	Dr. Parnasree Chakraborty Associate Professor	<a href="mailto:prernasree@crescent.education">prernasree@crescent.education</a>	EC/20/11	<ul style="list-style-type: none"> <li>Signal and Image Processing</li> <li>Digital Communication</li> <li>Wireless Sensor Network</li> <li>AI and Machine learning</li> </ul>	4	<a href="https://crescent.education/dr-parnasree-chakraborty-ece/">https://crescent.education/dr-parnasree-chakraborty-ece/</a>
7.	Dr. V. Jean Shilpa Associate Professor	<a href="mailto:jeanshilpa@crescent.education">jeanshilpa@crescent.education</a>	EC/21/12	<ul style="list-style-type: none"> <li>VLSI Design</li> <li>Artificial Intelligence</li> <li>IoT</li> <li>FPGA designs</li> <li>MACHINE learning</li> </ul>	4	<a href="https://crescent.education/dr-v-jean-shilpa-ece/">https://crescent.education/dr-v-jean-shilpa-ece/</a>

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8.	Dr. M. Vanmathi Associate Professor	<a href="mailto:vanmathi@crescent.education">vanmathi@crescent.education</a>	EC/23/14	<ul style="list-style-type: none"> <li>Nano Electronics</li> <li>Thin Film Technology</li> <li>Gas sensing</li> <li>Electrical characterization of thin films</li> <li>Nano material based device fabrication</li> </ul>	4	<a href="https://crescent.education/dr-m-vanmathi-ece/">https://crescent.education/dr-m-vanmathi-ece/</a>
9.	Dr. S. Anusooya Asst. Prof. (Sel.Gr.)	<a href="mailto:anusooya@crescent.education">anusooya@crescent.education</a>	EC/23/17	<ul style="list-style-type: none"> <li>Analog VLSI</li> <li>Digital VLSI</li> <li>Mixed Circuit Design in VLSI design</li> <li>Testing of VLSI circuits</li> <li>VLSI Digital Signal Processing</li> </ul>	3	<a href="https://crescent.education/s-anusooya-ece/">https://crescent.education/s-anusooya-ece/</a>
10.	Dr. A. Ambika Asst. Prof. (Sel. Gr.)	<a href="mailto:ambika@crescent.education">ambika@crescent.education</a>	EC/23/16	<ul style="list-style-type: none"> <li>Antennas and Meta Materials</li> </ul>	2	<a href="https://crescent.education/ambika-a-ece/">https://crescent.education/ambika-a-ece/</a>

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11.	Dr. K.Indra Gandhi Asst. Prof. (Sel. Gr.)	<a href="mailto:indra@crescent.education">indra@crescent.education</a>	EC/24/20	<ul style="list-style-type: none"> <li>• Multicore Architecture &amp; VLSI Design</li> <li>• AI, Machine Learning and Deep learning</li> <li>• Embedded System</li> <li>• Internet of Things</li> <li>• Wireless Communication</li> </ul>	2	<a href="https://crescent.education/dr-k-indra-gandhi-ece/">https://crescent.education/dr-k-indra-gandhi-ece/</a>
12.	Dr. S. Kalaivani Asst. Prof. (Sel. Gr.)	<a href="mailto:skalaivani@crescent.education">skalaivani@crescent.education</a>	EC/23/13	<ul style="list-style-type: none"> <li>• Wireless Sensor Networks</li> <li>• Communication and Networks</li> <li>• Signal and Image Processing</li> <li>• Biomedical</li> <li>• VLSI</li> </ul>	1	<a href="https://crescent.education/dr-s-kalaivani-ece/">https://crescent.education/dr-s-kalaivani-ece/</a>
13.	Dr. A. Priya Asst. Prof. (Sel.Gr.)	<a href="mailto:priyamarish@crescent.education">priyamarish@crescent.education</a>	EC/23/15	<ul style="list-style-type: none"> <li>• Antenna Design along with Materials</li> <li>• RF and Microwave</li> <li>• Wireless, Mobile, Underwater and TeleCommunication</li> <li>• EMF and Transmission lines</li> <li>• Reconfigurable and Smart Antennas</li> </ul>	1	<a href="https://crescent.education/a-priya-ece/">https://crescent.education/a-priya-ece/</a>

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14.	Dr. R. Anitha Asst. Prof. (Sel. Gr.)	<a href="mailto:r.anitha@crescent.education">r.anitha@crescent.education</a>	EC/23/19	<ul style="list-style-type: none"> <li>Signal Processing (image, audio and video)</li> <li>Quantum Cryptography</li> <li>Internet of Things solutions</li> <li>Digital VLSI</li> </ul>	3	<a href="https://crescent.education/r-anitha-ece/">https://crescent.education/r-anitha-ece/</a>
15.	Dr. S. Syed Rafiammal Asst. Prof. (Sel.Gr.)	<a href="mailto:rafiammal@crescent.education">rafiammal@crescent.education</a>	EC/23/18	<ul style="list-style-type: none"> <li>Machine Learning and Deep learning</li> <li>Bio medical signal Processing</li> <li>Artificial Intelligence</li> <li>Digital circuits</li> <li>Signal processing</li> </ul>	3	<a href="https://crescent.education/dr-s-syed-rafiammal-ece/">https://crescent.education/dr-s-syed-rafiammal-ece/</a>
16.	Dr. R. Iniyavan Asst. Prof. (Sr.Gr.)	<a href="mailto:iniyavan@crescent.education">iniyavan@crescent.education</a>	EC/24/22	<ul style="list-style-type: none"> <li>Wireless Communication</li> <li>Signal Processing</li> <li>Image Processing</li> <li>AI and Deep Learning</li> <li>Antenna Design</li> </ul>	2	<a href="https://crescent.education/r-iniyavan-ece/">https://crescent.education/r-iniyavan-ece/</a>

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17.	Dr. M. Padma Usha Asst. Prof. (Sr.Gr.)	<a href="mailto:padmausha@crecident.education">padmausha@crecident.education</a>	EC/24/21	<ul style="list-style-type: none"> <li>Image Processing</li> <li>Biomedical Image Processing</li> <li>Artificial Intelligence</li> <li>Biomedical Signal Processing</li> <li>Networking</li> </ul>	3	<a href="https://crecident.education/m-padma-usha-ece/">https://crecident.education/m-padma-usha-ece/</a>
18.	Dr. R. Mahalakshmi @ Issakki Asst. Prof. (Sr.Gr.)	<a href="mailto:isakkimaha@crecident.education">isakkimaha@crecident.education</a>	EC/25/24	<ul style="list-style-type: none"> <li>Wireless Communication</li> <li>Error Control Codes</li> <li>Digital Communication &amp; Signal Processing</li> </ul>	4	<a href="https://crecident.education/r-mahalakshmi-issakki-ece/">https://crecident.education/r-mahalakshmi-issakki-ece/</a>
19.	Dr. B. Sivashanmugavalli Asst. Prof. (Sr.Gr.)	<a href="mailto:sivashanmugavalli@crecident.education">sivashanmugavalli@crecident.education</a>	EC/24/23	<ul style="list-style-type: none"> <li>Special Electrical Machines Antenna Design</li> <li>Communication System Design</li> <li>Microwave and RF System Design</li> <li>High-Frequency Electronic Circuits design</li> <li>AI &amp; ML based antenna/Microwave Components Design</li> </ul>	3	<a href="https://crecident.education/b-sivashanmugavalli-ece/">https://crecident.education/b-sivashanmugavalli-ece/</a>

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20.	Dr. Percy J Sephra Asst. Prof.	<a href="mailto:percysphra@crescent.education">percysphra@crescent.education</a>	EC/26/25	<ul style="list-style-type: none"> <li>Nanomaterials for energy and environmental applications</li> <li>Supercapacitors</li> <li>Electrochemical sensors for Biosensing</li> <li>Visible light driven photocatalyst</li> <li>Development of portable, handheld device for electrochemical detection</li> </ul>	4	<a href="https://crescent.education/dr-percy-j-sephra/">https://crescent.education/dr-percy-j-sephra/</a>

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1.	Dr. D. Najumnissa Jamal Professor	<a href="mailto:najumnissa.d@crescent.education">najumnissa.d@crescent.education</a>	EI/12/05	<ul style="list-style-type: none"> <li>• Biomedical Signal / Image Processing</li> <li>• Control Systems</li> <li>• Powerplant Instrumentation</li> </ul>	7	<a href="https://crescent.education/dr-d-najumnissa-jamal-eie/">https://crescent.education/dr-d-najumnissa-jamal-eie/</a>
2.	Dr. A. Abudhahir Professor	<a href="mailto:abudhahir@crescent.education">abudhahir@crescent.education</a>	EI/22/04	<ul style="list-style-type: none"> <li>• Measurements and Instrumentation</li> <li>• Image Processing</li> <li>• Non-destructive Testing &amp; Evaluation</li> <li>• Educational Quality Assurance</li> <li>• Outcome Based Education</li> </ul>	8	<a href="https://crescent.education/dr-abudhahir-a-eie/">https://crescent.education/dr-abudhahir-a-eie/</a>

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S. No.	Name of the Supervisor and Designation	Email Id	Supervisor Recogn No.	Area of Expertise	Vacancy (as of 31.03.2026)	Faculty Home Page
3.	Dr. M.S. Murshitha Shajahan Asso. Prof.	<a href="mailto:murshitha@crescent.education">murshitha@crescent.education</a>	EI/21/03	<ul style="list-style-type: none"> <li>Process Control Instrumentation and Optimisation</li> <li>Sensors</li> <li>Renewable energy</li> </ul>	3	<a href="https://crescent.education/dr-m-s-murshitha-shajahan-eie/">https://crescent.education/dr-m-s-murshitha-shajahan-eie/</a>
4.	Dr. P. R. Hemavathy Asst. Prof. (Sel. Gr.)	<a href="mailto:shemavathy@crescent.education">shemavathy@crescent.education</a>	EI/23/06	<ul style="list-style-type: none"> <li>Advanced process control</li> <li>Intelligent control techniques</li> <li>Sensors and Transducers</li> <li>Industrial Automation</li> <li>Soft sensing</li> </ul>	4	<a href="https://crescent.education/dr-p-r-hemavathy-eie/">https://crescent.education/dr-p-r-hemavathy-eie/</a>
5.	Dr. G. Anitha Asst. Prof. (Sel. Gr.)	<a href="mailto:anidhag@crescent.education">anidhag@crescent.education</a>	EI/23/07	<ul style="list-style-type: none"> <li>Image Processing</li> <li>Bio-signal Processing</li> <li>Artificial Intelligent techniques -Machine learning and Deep learning</li> <li>Pattern Recognition</li> </ul>	4	<a href="https://crescent.education/dr-g-anitha-eie/">https://crescent.education/dr-g-anitha-eie/</a>

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S. No.	Name of the Supervisor and Designation	Email Id	Supervisor Recogn No.	Area of Expertise	Vacancy (as of 31.03.2026)	Faculty Home Page
6.	Dr. H. Kareemullah Asst. Prof. (Sr. Gr.)	<a href="mailto:kareemullah@crescent.education">kareemullah@crescent.education</a>	EI/21/02	<ul style="list-style-type: none"> <li>Robotics (Machine Vision)</li> <li>VLSI (MPSOC Architecture)</li> <li>Medical signal and Image Processing</li> </ul>	1	<a href="https://crescent.education/dr-h-kareemullah-eie/">https://crescent.education/dr-h-kareemullah-eie/</a>
7.	Dr. J. Susai Mary Asst. Prof.	<a href="mailto:susaimary.eie@crescent.education">susaimary.eie@crescent.education</a>	EI/22/05	<ul style="list-style-type: none"> <li>Process Control</li> <li>Monitoring and Fault diagnosis</li> <li>Automation</li> </ul>	4	<a href="https://crescent.education/dr-j-susai-mary-eie/">https://crescent.education/dr-j-susai-mary-eie/</a>