

# HARCOURT BUTLER TECHNICAL UNIVERSITY

## Recruitment Rules (Direct Recruitment) for Faculty Positions (Assistant Professor, Associate Professor and Professor) in Electronics Engineering

Name of the Post	Essential Qualification and Experience	Relevant Discipline (UG)	Relevant Discipline (PG)
Assistant Professor (Level – 10, Entry Pay 57700/-)	B. E. / B. Tech. / B. S. and M. E. / M. Tech. / M. S. or Integrated M. Tech. in relevant branch with first class or equivalent in any one of the degrees	<ul style="list-style-type: none"> <li>Digital Techniques for Design &amp; Planning</li> <li>Electrical and Electronics Engineering</li> <li>Electrical and Electronics Engineering (Sandwich)</li> <li>Electrical, Electronics and Power</li> <li>Electronic Engineering</li> <li>Electronic Science and Engineering</li> <li>Electronics</li> <li>Electronics &amp; Computer Science</li> <li>Electronics and Computer Engineering</li> <li>Electronics and Control Systems</li> <li>Electronics and Electrical Engineering</li> <li>Electronics and Power Engineering</li> <li>Electronics Design Technology</li> <li>Electronics Engineering</li> <li>Electronics System Engineering</li> <li>Electronics Technology</li> <li>Optics and Optoelectronics</li> <li>Power Electronics</li> <li>Power Electronics Engineering</li> <li>Radio Physics and Electronics</li> <li>Advanced Communication and Information System</li> <li>Advanced Electronics and Communication Engineering</li> <li>Applied Electronics and Communications</li> <li>Communication Engineering</li> <li>Electronics &amp; Communication Engg.</li> <li>Electronics &amp; Communication Engineering (Industry Integrated)</li> <li>Electronics &amp; Telecommunication Engineering</li> <li>Electronics &amp; Telecommunication Engineering (Technologynician</li> </ul>	<ul style="list-style-type: none"> <li>Advanced Electronics</li> <li>Advanced Electronics and Communication Engineering</li> <li>Applied Electronics</li> <li>Applied Electronics &amp; Communication System</li> <li>Applied Electronics and Communications</li> <li>Applied Electronics and Instrumentation Engineering</li> <li>Applied Instrumentation</li> <li>Automation</li> <li>Automation and Control Power Systems</li> <li>Automation and Robotics</li> <li>Bio electronics</li> <li>Biomedical Signal Processing and Instrumentation</li> <li>Communication &amp; Signal Process</li> <li>Communication and Information Systems</li> <li>Communication Engineering</li> <li>Communication Engineering and Signal Processing</li> <li>Communication Networks</li> <li>Communication Systems</li> <li>Communication Technology and Management</li> <li>Computer Applications in Industrial Drives</li> <li>Control &amp; Instrument</li> <li>Control and Instrumentation</li> <li>Digital Communication</li> <li>Digital Communication Engineering</li> <li>Digital Communications and Networking</li> <li>Digital Electronics</li> <li>Digital Electronics and Communication</li> <li>Digital Electronics and Communication Engineering</li> <li>Digital Electronics and Communication Systems</li> <li>Digital Electronics and Engineering</li> <li>Digital image Processing</li> </ul>

		<ul style="list-style-type: none"> <li>Electronic Radio)</li> <li>Electronics and Communication Engineering (Microwaves)</li> <li>Electronics and Communication Engineering (Sandwich)</li> <li>Electronics Communication and Instrumentation Engg.</li> <li>Electronics and Telematics Engineering</li> <li>Telecommunication Engineering</li> <li>Applied Electronics &amp; Instrumentation Engineering</li> <li>Automation and Robotics</li> <li>Automation Engineering</li> <li>Biomedical Instrumentation</li> <li>Electrical Engineering Industrial Control</li> <li>Electrical Instrumentation and Control Engineering</li> <li>Electronic Instrumentation and Control Engineering</li> <li>Electronics &amp; Instrumentation Engineering</li> <li>Applied Electronics &amp; Instrumentation Engineering</li> <li>Electronics &amp; Instrumentation Engineering</li> <li>Electronics Instrumentation and Control Engineering</li> <li>Power Electronics and Instrumentation Engineering</li> <li>Electronics and Control Systems</li> <li>Electronics Communication and Instrumentation Engg.</li> <li>Electronics Instrumentation and Control Engineering</li> <li>Instrument Technology</li> <li>Instrumentation &amp; Control Engineering</li> <li>Instrumentation &amp; Electronics</li> <li>Instrumentation Engineering</li> <li>Instrumentation Technology</li> <li>Power Electronics and Instrumentation Engineering</li> <li>Robotics and Automation</li> <li>Mechatronics</li> <li>Mechatronics Engineering</li> <li>Mechatronics Engineering</li> </ul>	<ul style="list-style-type: none"> <li>Digital Instrumentation</li> <li>Digital Signal Processing</li> <li>Digital Systems</li> <li>Digital Systems and Communications Engineering</li> <li>Digital Systems and Computer Electronics</li> <li>Digital Techniques and Instrumentation</li> <li>Distributed and Mobile Computing</li> <li>Distributed Systems</li> <li>Electronic Circuits and System Design</li> <li>Electronic Instrumentation and Control Engineering</li> <li>Electronics</li> <li>Electronics &amp; Communication Engg. (Industry Integrated)</li> <li>Electronics &amp; Communication (VLSI design)</li> <li>Electronics &amp; Instrumentation Engineering</li> <li>Electronics &amp; Tele-Communication Engineering</li> <li>Electronics &amp; Telecommunication Engineering (Technology in Electronic Radio)</li> <li>Electronics and Communications Engineering</li> <li>Electronics and Control Systems</li> <li>Electronics and Information Systems</li> <li>Electronics and Instrumentation Engineering</li> <li>Electronics and Telecommunication Engineering (Radio and System)</li> <li>Electronics Communication and Instrumentation Engg.</li> <li>Electronics Design and Technology</li> <li>Electronics Engineering</li> <li>Electronics Product Design and Technology</li> <li>Electronics Systems and Communication</li> <li>Electronics Technology</li> <li>Electronics Tele Communication</li> <li>Embedded and Real Time Systems</li> <li>Embedded System &amp; Computing</li> <li>Embedded System and VLSI</li> <li>Embedded System and</li> </ul>
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		<p>(Sandwich)</p> <ul style="list-style-type: none"> <li>• Medical Electronics Engineering</li> <li>• Medical Electronics</li> <li>• Medical lab Technology</li> <li>• Electronics and Biomedical Engineering</li> </ul>	<p>VLSI Design</p> <ul style="list-style-type: none"> <li>• Embedded Systems</li> <li>• Embedded Systems Technologies</li> <li>• Industrial Automation &amp; RF Engineering</li> <li>• Industrial Automation and Robotics</li> <li>• Industrial Drives and Control</li> <li>• Industrial Electronics</li> <li>• Industrial Instrumentation and Control</li> <li>• Instrumentation</li> <li>• Instrumentation &amp; Control</li> <li>• Instrumentation &amp; Control Engineering</li> <li>• Instrumentation &amp; Electronics</li> <li>• Instrumentation and Control</li> <li>• Instrumentation Engineering</li> <li>• Integrated Circuits Technology</li> <li>• Integrated Power Systems</li> <li>• Intelligent Systems</li> <li>• Laser and Electro Optics</li> <li>• Laser Technology</li> <li>• Mechatronics</li> <li>• Medical Electronics</li> <li>• Micro and Nano Electronics</li> <li>• Micro Electronics</li> <li>• Micro Electronics &amp; VLSI Design</li> <li>• Micro Electronics and Control Systems</li> <li>• Micro Electronics Engineering</li> <li>• Microwave &amp; Optical Communication</li> <li>• Microwave and Communication Engineering</li> <li>• Microwave and Millimeter Engineering</li> <li>• Microwave and Radar Engineering</li> <li>• Microwave and TV Engineering</li> <li>• Microwave Engineering</li> <li>• Microwaves</li> <li>• Mobile Communication and Network Technology</li> <li>• Mobile Technology</li> <li>• Modern Communication Engineering</li> <li>• Optical Engineering</li> <li>• Optics and Optoelectronics</li> <li>• Opto Electronics &amp; Communication Systems</li> <li>• Optoelectronics &amp; Communication</li> <li>• Optoelectronics and Laser Technology</li> <li>• Opto-electronics Engineering</li> </ul>
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			<ul style="list-style-type: none"> <li>• Optoelectronics –optical Communication</li> <li>• Parallel Distributed Systems</li> <li>• Power System and Control</li> <li>• Power System and Control Automation</li> <li>• Process Control</li> <li>• Process Control Instrumentation</li> <li>• Process Dynamics and Control</li> <li>• Process Instrumentation</li> <li>• Radar &amp; Communication</li> <li>• Radio Frequency and Microwave Engineering</li> <li>• Radio Physics and Electronics</li> <li>• Real Time Systems</li> <li>• Remote Sensing</li> <li>• Remote Sensing &amp; GIS</li> <li>• Remote Sensing and Wireless Sensor Networks</li> <li>• Robotics and Automation</li> <li>• Robotics and Mechatronics</li> <li>• Sensor Technology</li> <li>• Signal Processing</li> <li>• Signal Processing and Communications</li> <li>• Signal Processing and Embedded Systems</li> <li>• Systems and Signal Processing</li> <li>• Telecommunication Engineering</li> <li>• Telematics</li> <li>• VLSI</li> <li>• VLSI and Embedded Systems</li> <li>• VLSI and Embedded Systems Design</li> <li>• VLSI and Microelectronics</li> <li>• VLSI Design</li> <li>• VLSI Design and Embedded Systems</li> <li>• VLSI Design and Signal Processing</li> <li>• VLSI Design and Testing</li> <li>• VLSI System Design</li> <li>• VLSI systems</li> <li>• Wired and Wireless Communication</li> <li>• Wireless and Mobile Communications</li> <li>• Wireless Communication &amp; Computing</li> <li>• Wireless Communication Technology</li> <li>• Wireless Communications</li> <li>• Wireless Networks and Applications</li> <li>• Wireless Technology</li> </ul>
Associate Professor (Level –	a. B. E. / B. Tech. / B. S. and M. E. / M. Tech. / M. S. or Integrated M. Tech. in	<ul style="list-style-type: none"> <li>• Digital Techniques for Design &amp; Planning</li> <li>• Electrical and Electronics</li> </ul>	<ul style="list-style-type: none"> <li>• Advanced Electronics</li> <li>• Advanced Electronics and Communication</li> </ul>

13A1, Entry Pay 131400/-)	<p>relevant branch with first class or equivalent in any one of the degrees</p> <p><b>AND</b></p> <p>b. Ph.D. degree in the relevant field</p> <p><b>AND</b></p> <p>c. At least total of 6 research publications in SCI journals / UGC / AICTE approved list of journals</p> <p><b>AND</b></p> <p>d. Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience</p>	<p>Engineering</p> <ul style="list-style-type: none"> <li>• Electrical and Electronics Engineering (Sandwich)</li> <li>• Electrical, Electronics and Power</li> <li>• Electronic Engineering</li> <li>• Electronic Science and Engineering</li> <li>• Electronics</li> <li>• Electronics &amp; Computer Science</li> <li>• Electronics and Computer Engineering</li> <li>• Electronics and Control Systems</li> <li>• Electronics and Electrical Engineering</li> <li>• Electronics and Power Engineering</li> <li>• Electronics Design Technology</li> <li>• Electronics Engineering</li> <li>• Electronics System Engineering</li> <li>• Electronics Technology</li> <li>• Optics and Optoelectronics</li> <li>• Power Electronics</li> <li>• Power Electronics Engineering</li> <li>• Radio Physics and Electronics</li> <li>• Advanced Communication and Information System</li> <li>• Advanced Electronics and Communication Engineering</li> <li>• Applied Electronics and Communications</li> <li>• Communication Engineering</li> <li>• Electronics &amp; Communication Engg.</li> <li>• Electronics &amp; Communication Engineering (Industry Integrated)</li> <li>• Electronics &amp; Telecommunication Engineering</li> <li>• Electronics &amp; Telecommunication Engineering (Technologynician Electronic Radio)</li> <li>• Electronics and Communication Engineering (Microwaves)</li> <li>• Electronics and Communication Engineering (Sandwich)</li> <li>• Electronics Communication and Instrumentation Engg.</li> <li>• Electronics and Telematics Engineering</li> <li>• Telecommunication Engineering</li> </ul>	<p>Engineering</p> <ul style="list-style-type: none"> <li>• Applied Electronics</li> <li>• Applied Electronics &amp; Communication System</li> <li>• Applied Electronics and Communications</li> <li>• Applied Electronics and Instrumentation Engineering</li> <li>• Applied Instrumentation</li> <li>• Automation</li> <li>• Automation and Control Power Systems</li> <li>• Automation and Robotics</li> <li>• Bio electronics</li> <li>• Biomedical Signal Processing and Instrumentation</li> <li>• Communication &amp; Signal Process</li> <li>• Communication and Information Systems</li> <li>• Communication Engineering</li> <li>• Communication Engineering and Signal Processing</li> <li>• Communication Networks</li> <li>• Communication Systems</li> <li>• Communication Technology and Management</li> <li>• Computer Applications in Industrial Drives</li> <li>• Control &amp; Instrument</li> <li>• Control and Instrumentation</li> <li>• Digital Communication</li> <li>• Digital Communication Engineering</li> <li>• Digital Communications and Networking</li> <li>• Digital Electronics</li> <li>• Digital Electronics and Communication</li> <li>• Digital Electronics and Communication Engineering</li> <li>• Digital Electronics and Communication Systems</li> <li>• Digital Electronics and Engineering</li> <li>• Digital image Processing</li> <li>• Digital Instrumentation</li> <li>• Digital Signal Processing</li> <li>• Digital Systems</li> <li>• Digital Systems and Communications Engineering</li> <li>• Digital Systems and Computer Electronics</li> <li>• Digital Techniques and Instrumentation</li> <li>• Distributed and Mobile Computing</li> <li>• Distributed Systems</li> <li>• Electronic Circuits and</li> </ul>
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			<ul style="list-style-type: none"> <li>• Instrumentation</li> <li>• Instrumentation &amp; Control</li> <li>• Instrumentation &amp; Control Engineering</li> <li>• Instrumentation &amp; Electronics</li> <li>• Instrumentation and Control</li> <li>• Instrumentation Engineering</li> <li>• Integrated Circuits Technology</li> <li>• Integrated Power Systems</li> <li>• Intelligent Systems</li> <li>• Laser and Electro Optics</li> <li>• Laser Technology</li> <li>• Mechatronics</li> <li>• Medical Electronics</li> <li>• Micro and Nano Electronics</li> <li>• Micro Electronics</li> <li>• Micro Electronics &amp; VLSI Design</li> <li>• Micro Electronics and Control Systems</li> <li>• Micro Electronics Engineering</li> <li>• Microwave &amp; Optical Communication</li> <li>• Microwave and Communication Engineering</li> <li>• Microwave and Millimeter Engineering</li> <li>• Microwave and Radar Engineering</li> <li>• Microwave and TV Engineering</li> <li>• Microwave Engineering</li> <li>• Microwaves</li> <li>• Mobile Communication and Network Technology</li> <li>• Mobile Technology</li> <li>• Modern Communication Engineering</li> <li>• Optical Engineering</li> <li>• Optics and Optoelectronics</li> <li>• Opto Electronics &amp; Communication Systems</li> <li>• Optoelectronics &amp; Communication</li> <li>• Optoelectronics and Laser Technology</li> <li>• Opto-electronics Engineering</li> <li>• Optoelectronics –optical Communication</li> <li>• Parallel Distributed Systems</li> <li>• Power System and Control</li> <li>• Power System and Control Automation</li> <li>• Process Control</li> <li>• Process Control Instrumentation</li> <li>• Process Dynamics and Control</li> <li>• Process Instrumentation</li> <li>• Radar &amp; Communication</li> </ul>
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			<ul style="list-style-type: none"> <li>• Radio Frequency and Microwave Engineering</li> <li>• Radio Physics and Electronics</li> <li>• Real Time Systems</li> <li>• Remote Sensing</li> <li>• Remote Sensing &amp; GIS</li> <li>• Remote Sensing and Wireless Sensor Networks</li> <li>• Robotics and Automation</li> <li>• Robotics and Mechatronics</li> <li>• Sensor Technology</li> <li>• Signal Processing</li> <li>• Signal Processing and Communications</li> <li>• Signal Processing and Embedded Systems</li> <li>• Systems and Signal Processing</li> <li>• Telecommunication Engineering</li> <li>• Telematics</li> <li>• VLSI</li> <li>• VLSI and Embedded Systems</li> <li>• VLSI and Embedded Systems Design</li> <li>• VLSI and Microelectronics</li> <li>• VLSI Design</li> <li>• VLSI Design and Embedded Systems</li> <li>• VLSI Design and Signal Processing</li> <li>• VLSI Design and Testing</li> <li>• VLSI System Design</li> <li>• VLSI systems</li> <li>• Wired and Wireless Communication</li> <li>• Wireless and Mobile Communications</li> <li>• Wireless Communication &amp; Computing</li> <li>• Wireless Communication Technology</li> <li>• Wireless Communications</li> <li>• Wireless Networks and Applications</li> <li>• Wireless Technology</li> </ul>
<p>Professor (Level – 14, Entry Pay 144200/-)</p>	<p>a. B. E. / B. Tech. / B. S. and M. E. / M. Tech. / M. S. or Integrated M. Tech. in relevant branch with first class or equivalent in any one of the degrees AND b. Ph. D. degree in relevant field AND c. Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years</p>	<ul style="list-style-type: none"> <li>• Digital Techniques for Design &amp; Planning</li> <li>• Electrical and Electronics Engineering</li> <li>• Electrical and Electronics Engineering (Sandwich)</li> <li>• Electrical, Electronics and Power</li> <li>• Electronic Engineering</li> <li>• Electronic Science and Engineering</li> <li>• Electronics</li> <li>• Electronics &amp; Computer Science</li> <li>• Electronics and Computer Engineering</li> <li>• Electronics and</li> </ul>	<ul style="list-style-type: none"> <li>• Advanced Electronics</li> <li>• Advanced Electronics and Communication Engineering</li> <li>• Applied Electronics</li> <li>• Applied Electronics &amp; Communication System</li> <li>• Applied Electronics and Communications</li> <li>• Applied Electronics and Instrumentation Engineering</li> <li>• Applied Instrumentation</li> <li>• Automation</li> <li>• Automation and Control Power Systems</li> <li>• Automation and Robotics</li> <li>• Bio electronics</li> </ul>



	<p>shall be at a post equivalent to that of an Associate Professor AND</p> <p>d. At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor till the date of eligibility</p> <p style="text-align: center;"><b>OR</b></p> <p>At least 10 research Publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals till the date of eligibility</p>	<ul style="list-style-type: none"> <li>• Control Systems</li> <li>• Electronics and Electrical Engineering</li> <li>• Electronics and Power Engineering</li> <li>• Electronics Design Technology</li> <li>• Electronics Engineering</li> <li>• Electronics System Engineering</li> <li>• Electronics Technology</li> <li>• Optics and Optoelectronics</li> <li>• Power Electronics</li> <li>• Power Electronics Engineering</li> <li>• Radio Physics and Electronics</li> <li>• Advanced Communication and Information System</li> <li>• Advanced Electronics and Communication Engineering</li> <li>• Applied Electronics and Communications</li> <li>• Communication Engineering</li> <li>• Electronics &amp; Communication Engg.</li> <li>• Electronics &amp; Communication Engineering (Industry Integrated)</li> <li>• Electronics &amp; Telecommunication Engineering</li> <li>• Electronics &amp; Telecommunication Engineering (Technologist/Electronic Radio)</li> <li>• Electronics and Communication Engineering (Microwaves)</li> <li>• Electronics and Communication Engineering (Sandwich)</li> <li>• Electronics Communication and Instrumentation Engg.</li> <li>• Electronics and Telematics Engineering</li> <li>• Telecommunication Engineering</li> <li>• Applied Electronics &amp; Instrumentation Engineering</li> <li>• Automation and Robotics</li> <li>• Automation Engineering</li> <li>• Biomedical Instrumentation</li> <li>• Electrical Engineering Industrial Control</li> <li>• Electrical Instrumentation and Control Engineering</li> <li>• Electronic Instrumentation and Control Engineering</li> <li>• Electronics &amp;</li> </ul>	<ul style="list-style-type: none"> <li>• Biomedical Signal Processing and Instrumentation</li> <li>• Communication &amp; Signal Process</li> <li>• Communication and Information Systems</li> <li>• Communication Engineering</li> <li>• Communication Engineering and Signal Processing</li> <li>• Communication Networks</li> <li>• Communication Systems</li> <li>• Communication Technology and Management</li> <li>• Computer Applications in Industrial Drives</li> <li>• Control &amp; Instrument</li> <li>• Control and Instrumentation</li> <li>• Digital Communication</li> <li>• Digital Communication Engineering</li> <li>• Digital Communications and Networking</li> <li>• Digital Electronics</li> <li>• Digital Electronics and Communication</li> <li>• Digital Electronics and Communication Engineering</li> <li>• Digital Electronics and Communication Systems</li> <li>• Digital Electronics and Engineering</li> <li>• Digital image Processing</li> <li>• Digital Instrumentation</li> <li>• Digital Signal Processing</li> <li>• Digital Systems</li> <li>• Digital Systems and Communications Engineering</li> <li>• Digital Systems and Computer Electronics</li> <li>• Digital Techniques and Instrumentation</li> <li>• Distributed and Mobile Computing</li> <li>• Distributed Systems</li> <li>• Electronic Circuits and System Design</li> <li>• Electronic Instrumentation and Control Engineering</li> <li>• Electronics</li> <li>• Electronics &amp; Communication Engg. (Industry Integrated)</li> <li>• Electronics &amp; Communication (VLSI design)</li> <li>• Electronics &amp; Instrumentation Engineering</li> <li>• Electronics &amp; Tele-Communication</li> </ul>
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		<p>Instrumentation Engineering</p> <ul style="list-style-type: none"> <li>• Applied Electronics &amp; Instrumentation Engineering</li> <li>• Electronics &amp; Instrumentation Engineering</li> <li>• Electronics Instrumentation and Control Engineering</li> <li>• Power Electronics and Instrumentation Engineering</li> <li>• Electronics and Control Systems</li> <li>• Electronics Communication and Instrumentation Engg.</li> <li>• Electronics Instrumentation and Control Engineering</li> <li>• Instrument Technology</li> <li>• Instrumentation</li> <li>• Instrumentation &amp; Control Engineering</li> <li>• Instrumentation &amp; Electronics</li> <li>• Instrumentation Engineering</li> <li>• Instrumentation Technology</li> <li>• Power Electronics and Instrumentation Engineering</li> <li>• Robotics and Automation</li> <li>• Mechatronics</li> <li>• Mechatronics Engineering</li> <li>• Mechatronics Engineering (Sandwich)</li> <li>• Medical Electronics Engineering</li> <li>• Medical Electronics</li> <li>• Medical lab Technology</li> <li>• Electronics and Biomedical Engineering</li> </ul>	<p>Engineering</p> <ul style="list-style-type: none"> <li>• Electronics &amp; Telecommunication Engineering (Technology in Electronic Radio)</li> <li>• Electronics and Communications Engineering</li> <li>• Electronics and Control Systems</li> <li>• Electronics and Information Systems</li> <li>• Electronics and Instrumentation Engineering</li> <li>• Electronics and Telecommunication Engineering (Radio and System)</li> <li>• Electronics Communication and Instrumentation Engg.</li> <li>• Electronics Design and Technology</li> <li>• Electronics Engineering</li> <li>• Electronics Product Design and Technology</li> <li>• Electronics Systems and Communication</li> <li>• Electronics Technology</li> <li>• Electronics Tele Communication</li> <li>• Embedded and Real Time Systems</li> <li>• Embedded System &amp; Computing</li> <li>• Embedded System and VLSI</li> <li>• Embedded System and VLSI Design</li> <li>• Embedded Systems</li> <li>• Embedded Systems Technologies</li> <li>• Industrial Automation &amp; RF Engineering</li> <li>• Industrial Automation and Robotics</li> <li>• Industrial Drives and Control</li> <li>• Industrial Electronics</li> <li>• Industrial Instrumentation and Control</li> <li>• Instrumentation</li> <li>• Instrumentation &amp; Control</li> <li>• Instrumentation &amp; Control Engineering</li> <li>• Instrumentation &amp; Electronics</li> <li>• Instrumentation and Control</li> <li>• Instrumentation Engineering</li> <li>• Integrated Circuits Technology</li> <li>• Integrated Power Systems</li> <li>• Intelligent Systems</li> <li>• Laser and Electro Optics</li> <li>• Laser Technology</li> </ul>
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			<ul style="list-style-type: none"> <li>• Mechatronics</li> <li>• Medical Electronics</li> <li>• Micro and Nano Electronics</li> <li>• Micro Electronics</li> <li>• Micro Electronics &amp; VLSI Design</li> <li>• Micro Electronics and Control Systems</li> <li>• Micro Electronics Engineering</li> <li>• Microwave &amp; Optical Communication</li> <li>• Microwave and Communication Engineering</li> <li>• Microwave and Millimeter Engineering</li> <li>• Microwave and Radar Engineering</li> <li>• Microwave and TV Engineering</li> <li>• Microwave Engineering</li> <li>• Microwaves</li> <li>• Mobile Communication and Network Technology</li> <li>• Mobile Technology</li> <li>• Modern Communication Engineering</li> <li>• Optical Engineering</li> <li>• Optics and Optoelectronics</li> <li>• Opto Electronics &amp; Communication Systems</li> <li>• Optoelectronics &amp; Communication</li> <li>• Optoelectronics and Laser Technology</li> <li>• Opto-electronics Engineering</li> <li>• Optoelectronics –optical Communication</li> <li>• Parallel Distributed Systems</li> <li>• Power System and Control</li> <li>• Power System and Control Automation</li> <li>• Process Control</li> <li>• Process Control Instrumentation</li> <li>• Process Dynamics and Control</li> <li>• Process Instrumentation</li> <li>• Radar &amp; Communication</li> <li>• Radio Frequency and Microwave Engineering</li> <li>• Radio Physics and Electronics</li> <li>• Real Time Systems</li> <li>• Remote Sensing</li> <li>• Remote Sensing &amp; GIS</li> <li>• Remote Sensing and Wireless Sensor Networks</li> <li>• Robotics and Automation</li> <li>• Robotics and Mechatronics</li> <li>• Sensor Technology</li> <li>• Signal Processing</li> <li>• Signal Processing and Communications</li> </ul>
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			<ul style="list-style-type: none"> <li>• Signal Processing and Embedded Systems</li> <li>• Systems and Signal Processing</li> <li>• Telecommunication Engineering</li> <li>• Telematics</li> <li>• VLSI</li> <li>• VLSI and Embedded Systems</li> <li>• VLSI and Embedded Systems Design</li> <li>• VLSI and Microelectronics</li> <li>• VLSI Design</li> <li>• VLSI Design and Embedded Systems</li> <li>• VLSI Design and Signal Processing</li> <li>• VLSI Design and Testing</li> <li>• VLSI System Design</li> <li>• VLSI systems</li> <li>• Wired and Wireless Communication</li> <li>• Wireless and Mobile Communications</li> <li>• Wireless Communication &amp; Computing</li> <li>• Wireless Communication Technology</li> <li>• Wireless Communications</li> <li>• Wireless Networks and Applications</li> <li>• Wireless Technology</li> </ul>
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### General Conditions

- a) B.E. / B.Tech. / B.Sc. (Engineering)/B.S. (4 years) shall be considered equivalent
- b) Candidates with AMIE/IETE qualifications in relevant branches will be treated as equivalent to B.E./ B.Tech. / B.Sc. (Engineering)/B.S. (4 years).
- c) M.E./M. Tech / M.Sc (Engineering)/M.S. shall be considered equivalent
- d) In institutions /universities where a division/class is not awarded, the candidate shall have to submit the relevant conversion formulae for proof of first division from their respective universities/institutes.If a division/class is not awarded, a minimum of 60% marks in aggregate shall be considered equivalentto first class/division. If a Grade Point System is adopted the CGPA will be converted into equivalent marks as per the Table given below:

Grade point	Equivalent Percentage
6.25	55
6.75	60
7.25	65
7.75	70
8.25	75

- e) The candidates who have done their Ph.D directly after B.Tech (without doing M.Tech or equivalent) shall be eligible for faculty positions, provided the degree of Ph. D awarded is in a relevantdiscipline by a recognized University following the process of registration, course work and evaluation etc. as prescribed by UGC or

has been awarded by the Institutes of national importance(i.e. IITs/IISc/ NITs etc.), duly recognized by the MoE. Further, the candidate should have obtained at least first class at Bachelor's level in Engineering /Technology.

f) The screening of applications shall be done based on the candidate's API calculated as per prescribed guidelines.

g) For the post of Assistant Professor, there will be a written test in the Electronics Engineering discipline. The screening of applicants for the post of Assistant Professor shall be done on the basis of their combined API and the score in the written test.

h) Reservation for SC/ST/OBC/PH/EWS shall as per the UP-state government rules.

i) In case of exceptional merit, the Selection Committee may recommend a maximum of 03 additional increments for higher qualifications, experience and achievements by the candidates

j) Persons already in employment should apply through proper channel.