

HARCOURT BUTLER TECHNICAL UNIVERSITY

Recruitment Rules (Direct Recruitment) for Faculty Positions (Assistant Professor, Associate Professor and Professor) in Electrical 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"> • Electrical and Computer Engineering • Electrical and Electronics (Power System) • Electrical and Electronics Engineering • Electrical and Electronics Engineering (Sandwich) • Electrical and Instrumentation Engineering • Electrical and Mechanical Engineering • Electrical and Power Engineering • Electrical Engineering • Electrical Engineering (Electronics & Power) • Electrical Engineering Industrial Control • Electrical Instrumentation and Control Engineering • Electrical, Electronics and Power • Electronics & Computer Science • Electronics and Electrical Engineering • Electronics and Power Engineering 	<ul style="list-style-type: none"> • Advanced Electrical Power System • Control Engineering • Control System Engineering • Control Systems • Electric Power System • Electrical and Computer Engineering • Electrical and Electronics (Power System) • Electrical and Electronics Engineering • Electrical and Mechanical Engineering • Electrical and Power Engineering • Electrical and Power Engineering • Electrical Devices and Power Systems • Electrical Drives and Control • Electrical Energy Systems • Electrical Engg. (Instrumentation & Control) • Electrical Engineering • Electrical Engineering (Electronics & Power) • Electrical Instrumentation and Control Engineering • Electrical Machines • Electrical Machines and Drives • Electrical Power & Energy Systems • Electrical Power Engineering • Electrical Power System • High Voltage and Power Systems Engineering • High Voltage Engineering • Industrial Power Control and Drives • Power and Industrial Drives • Power Control and Drives • Power Electronics • Power Electronics and Control • Power Electronics and Drives • Power Electronics and Drives in Electrical Engineering • Power Electronics and Electrical Drives • Power Electronics and Machine Drives

			<ul style="list-style-type: none"> • Power Electronics and Power Systems • Power Electronics and Systems • Power Electronics Engineering • Power System and Control • Power System and Control Automation • Power System with Emphasis on H.V. Engineering • Power Systems • Power Systems and Automation • Power Systems and Power Electronics • Power Systems Control and Automation Engineering • Power Systems Engineering
<p>Associate Professor (Level – 13A1, Entry Pay 131400/-)</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</p> <p>b. Ph.D. degree in the relevant field AND</p> <p>c. At least total of 6 research publications in SCI journals / UGC / AICTE approved list of journals AND</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>	<ul style="list-style-type: none"> • Electrical and Computer Engineering • Electrical and Electronics (Power System) • Electrical and Electronics Engineering • Electrical and Electronics Engineering (Sandwich) • Electrical and Instrumentation Engineering • Electrical and Mechanical Engineering • Electrical and Power Engineering • Electrical Engineering • Electrical Engineering (Electronics & Power) • Electrical Engineering Industrial Control • Electrical Instrumentation and Control Engineering • Electrical, Electronics and Power • Electronics & Computer Science • Electronics and Electrical Engineering • Electronics and Power Engineering 	<ul style="list-style-type: none"> • Advanced Electrical Power System • Control Engineering • Control System Engineering • Control Systems • Electric Power System • Electrical and Computer Engineering • Electrical and Electronics (Power System) • Electrical and Electronics Engineering • Electrical and Mechanical Engineering • Electrical and Power Engineering • Electrical Devices and Power Systems • Electrical Drives and Control • Electrical Energy Systems • Electrical Engg. (Instrumentation & Control) • Electrical Engineering • Electrical Engineering (Electronics & Power) • Electrical Instrumentation and Control Engineering • Electrical Machines • Electrical Machines and Drives • Electrical Power & Energy Systems • Electrical Power Engineering • Electrical Power System • High Voltage and Power Systems Engineering • High Voltage Engineering • Industrial Power Control and Drives • Power and Industrial Drives • Power Control and Drives

			<ul style="list-style-type: none"> • Power Electronics • Power Electronics and Control • Power Electronics and Drives • Power Electronics and Drives in Electrical Engineering • Power Electronics and Electrical Drives • Power Electronics and Machine Drives • Power Electronics and Power Systems • Power Electronics and Systems • Power Electronics Engineering • Power System and Control • Power System and Control Automation • Power System with Emphasis on H.V. Engineering • Power Systems • Power Systems and Automation • Power Systems and Power Electronics • Power Systems Control and Automation Engineering • Power Systems Engineering
<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 shall be at a post equivalent to that of an Associate Professor AND 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</p>	<ul style="list-style-type: none"> • Electrical and Computer Engineering • Electrical and Electronics (Power System) • Electrical and Electronics Engineering • Electrical and Electronics Engineering (Sandwich) • Electrical and Instrumentation Engineering • Electrical and Mechanical Engineering • Electrical and Power Engineering • Electrical Engineering • Electrical Engineering (Electronics & Power) • Electrical Engineering Industrial Control • Electrical Instrumentation and Control Engineering • Electrical, Electronics and Power • Electronics & Computer Science • Electronics and Electrical Engineering • Electronics and Power Engineering 	<ul style="list-style-type: none"> • Advanced Electrical Power System • Control Engineering • Control System Engineering • Control Systems • Electric Power System • Electrical and Computer Engineering • Electrical and Electronics (Power System) • Electrical and Electronics Engineering • Electrical and Mechanical Engineering • Electrical and Power Engineering • Electrical Devices and Power Systems • Electrical Drives and Control • Electrical Energy Systems • Electrical Engg. (Instrumentation & Control) • Electrical Engineering • Electrical Engineering (Electronics & Power) • Electrical Instrumentation and Control Engineering • Electrical Machines • Electrical Machines and

	<p>dateof eligibility</p> <p style="text-align: center;">OR</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>		<p>Drives</p> <ul style="list-style-type: none"> • Electrical Power & Energy Systems • Electrical Power Engineering • Electrical Power System • High Voltage and Power Systems Engineering • High Voltage Engineering • Industrial Power Control and Drives • Power and Industrial Drives • Power Control and Drives • Power Electronics • Power Electronics and Control • Power Electronics and Drives • Power Electronics and Drives in Electrical Engineering • Power Electronics and Electrical Drives • Power Electronics and Machine Drives • Power Electronics and Power Systems • Power Electronics and Systems • Power Electronics Engineering • Power System and Control • Power System and Control Automation • Power System with Emphasis on H.V. Engineering • Power Systems • Power Systems and Automation • Power Systems and Power Electronics • Power Systems Control and Automation Engineering • Power Systems Engineering
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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 relevant discipline 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 Electrical 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.