

# HARCOURT BUTLER TECHNICAL UNIVERSITY

## Recruitment Rules (Direct Recruitment) for Faculty Positions (Assistant Professor, Associate Professor and Professor) in Chemical 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>• Chemical and Electrochemical Engineering</li> <li>• Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Chemical Engineering (Plastic and Polymer)</li> <li>• Chemical Technology</li> <li>• Dyes stuff Technology</li> <li>• Surface Coating Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Chemical Processing in Textiles</li> <li>• Chemical reaction engineering</li> <li>• Chemical Science and Technology</li> <li>• Chemical Technology</li> <li>• Chemical Technology (Rubber /Plastics)</li> <li>• Petroleum Engineering</li> <li>• Material Science and Engineering</li> <li>• Polymer Science and Technology</li> <li>• Material Engineering</li> <li>• Energy Studies</li> <li>• Energy and Environmental Technologies and Management</li> <li>• Renewable Energy Technologies and Management</li> <li>• Energy Science and Engineering</li> <li>• Chemical Engineering (Process Modelling and Simulation)</li> <li>• Corrosion Science and Engineering</li> <li>• Process Engineering</li> <li>• Material Science</li> <li>• Energy Systems Engineering</li> <li>• Environmental Science and Engineering</li> <li>• Environmental Engineering</li> <li>• Petroleum Processing &amp; Petro Chemical Engineering</li> <li>• Petrochemical &amp; Petroleum Refinery Engineering</li> </ul>

			<ul style="list-style-type: none"> <li>• Petrochemical Engineering</li> <li>• Process Engineering &amp; Design</li> </ul>
<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 <b>AND</b> b. Ph.D. degree in the relevant field <b>AND</b> c. At least total of 6 research publications in SCI journals / UGC / AICTE approved list of journals <b>AND</b> 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"> <li>• Chemical and Electrochemical Engineering</li> <li>• Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Chemical Engineering (Plastic and Polymer)</li> <li>• Chemical Technology</li> <li>• Dyes stuff Technology</li> <li>• Surface Coating Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Chemical Processing in Textiles</li> <li>• Chemical reaction engineering</li> <li>• Chemical Science and Technology</li> <li>• Chemical Technology Chemical Technology (Rubber /Plastics)</li> <li>• Petroleum Engineering</li> <li>• Material Science and Engineering</li> <li>• Polymer Science and Technology</li> <li>• Material Engineering</li> <li>• Energy Studies</li> <li>• Energy and Environmental Technologies and Management</li> <li>• Renewable Energy Technologies and Management</li> <li>• Energy Science and Engineering</li> <li>• Chemical Engineering (Process Modelling and Simulation)</li> <li>• Corrosion Science and Engineering</li> <li>• Process Engineering</li> <li>• Material Science</li> <li>• Energy Systems Engineering</li> <li>• Environmental Science and Engineering</li> <li>• Environmental Engineering</li> <li>• Petroleum Processing &amp; Petro Chemical Engineering</li> <li>• Petrochemical &amp; Petroleum Refinery Engineering</li> <li>• Petrochemical Engineering</li> <li>• Process Engineering &amp; Design</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 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 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>• Chemical and Electrochemical Engineering</li> <li>• Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Chemical Engineering (Plastic and Polymer)</li> <li>• Chemical Technology</li> <li>• Dyes stuff Technology</li> <li>• Surface Coating Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Chemical Processing in Textiles</li> <li>• Chemical reaction engineering</li> <li>• Chemical Science and Technology</li> <li>• Chemical Technology Chemical Technology (Rubber /Plastics)</li> <li>• Petroleum Engineering</li> <li>• Material Science and Engineering</li> <li>• Polymer Science and Technology</li> <li>• Material Engineering</li> <li>• Energy Studies</li> <li>• Energy and Environmental Technologies and Management</li> <li>• Renewable Energy Technologies and Management</li> <li>• Energy Science and Engineering</li> <li>• Chemical Engineering (Process Modelling and Simulation)</li> <li>• Corrosion Science and Engineering</li> <li>• Process Engineering</li> <li>• Material Science</li> <li>• Energy Systems Engineering</li> <li>• Environmental Science and Engineering</li> <li>• Environmental Engineering</li> <li>• Petroleum Processing &amp; Petro Chemical Engineering</li> <li>• Petrochemical &amp; Petroleum Refinery Engineering</li> <li>• Petrochemical Engineering</li> <li>• Process Engineering &amp; Design</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 equivalent to 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 Chemical 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.