

## HARCOURT BUTLER TECHNICAL UNIVERSITY

### Recruitment Rules (Direct Recruitment) for Faculty Positions (Assistant Professor, Associate Professor and Professor) in Biochemical 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  <i>Candidate should possess UG &amp; PG degree either as per Group A combination or Group B combination</i>	<p style="text-align: center;"><b>Group A</b></p> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</li> </ul>	<p style="text-align: center;"><b>Group A</b></p> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</li> <li>• Bioprocess Technology</li> <li>• Industrial Biotechnology</li> <li>• Fermentation Technology</li> <li>• Environmental Biotechnology</li> <li>• Molecular Biology and Genetic Engg.</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Bioinformatics</li> <li>• Cell and Molecular Biology</li> <li>• Bioprocess Plant Design</li> <li>• Immunology</li> <li>• Biotechnology</li> <li>• Bioenergy</li> <li>• Microbial Technology</li> <li>• Food Technology and Biochemical Engineering</li> </ul>
		<p style="text-align: center;"><b>Group B</b></p> <ul style="list-style-type: none"> <li>• Fermentation Technology</li> <li>• Environmental Biotechnology</li> <li>• Bioinformatics</li> <li>• Biotechnology</li> <li>• Microbial Technology</li> <li>• Food Technology and Biochemical Engineering</li> </ul>	<p style="text-align: center;"><b>Group B</b></p> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</li> </ul>

Associate Professor (Level – 13A1, Entry Pay 131400/- )	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	<b>Group A</b> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</li> </ul>	<b>Group A</b> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</li> <li>• Bioprocess Technology</li> <li>• Industrial Biotechnology</li> <li>• Fermentation Technology</li> <li>• Environmental Biotechnology</li> <li>• Molecular Biology and Genetic Engg.</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Bioinformatics</li> <li>• Cell and Molecular Biology</li> <li>• Bioprocess Plant Design</li> <li>• Immunology</li> <li>• Biotechnology</li> <li>• Bioenergy</li> <li>• Microbial Technology</li> <li>• Food Technology and Biochemical Engineering</li> </ul>
		<b>Group B</b> <ul style="list-style-type: none"> <li>• Fermentation Technology</li> <li>• Environmental Biotechnology</li> <li>• Bioinformatics</li> <li>• Biotechnology</li> <li>• Microbial Technology</li> <li>• Food Technology and Biochemical Engineering</li> </ul>	<b>Group B</b> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</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 <b>AND</b> b. Ph. D. degree in relevant field <b>AND</b> 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 <b>AND</b> 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 <b>OR</b> 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><b>Group A</b></p> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</li> </ul>	<p><b>Group A</b></p> <ul style="list-style-type: none"> <li>• Biochemical Engineering</li> <li>• Biochemical Engg. &amp; Bio-Technology</li> <li>• Bioprocess Engineering</li> <li>• Bioprocess Technology</li> <li>• Industrial Biotechnology</li> <li>• Fermentation Technology</li> <li>• Environmental Biotechnology</li> <li>• Molecular Biology and Genetic Engg.</li> <li>• Chemical Technology- Biochemical Engineering</li> <li>• Chemical Engineering</li> <li>• Bioinformatics</li> <li>• Cell and Molecular Biology</li> <li>• Bioprocess Plant Design</li> <li>• Immunology</li> <li>• Biotechnology</li> <li>• Bioenergy</li> <li>• Microbial Technology</li> <li>• Food Technology and Biochemical Engineering</li> </ul>
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***Candidate should possess UG & PG degree either as per Group A combination or Group B combination.***

### **General Conditions**

- B.E. / B.Tech. / B.Sc. (Engineering)/B.S. (4 years) shall be considered equivalent
- 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).
- M.E./M. Tech / M.Sc (Engineering)/M.S. shall be considered equivalent
- 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 Biochemical 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.