



Maulana Abul Kalam Azad University of Technology West Bengal  
BF 142, Sector I, Salt Lake, Kolkata – 700064

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## Employment Notification

No. 17/01

Date: 10/12/2017

Applications are invited from Indian citizens for appointment to various faculty positions as stated below in the UGC scale of pay plus admissible allowances as per existing rules.

A. **Professor** [7 posts: SC - 3, ST - 1, OBC-A - 1, OBC-B - 1, UR - 1], Scale of pay – Rs. 37400-67000/-, AGP –Rs. 10000/-,

**Essential Qualifications:**

- a) First Class Master's Degree in the appropriate branch of Engineering (Engg.) & Technology (Tech.). / at least 55 % marks (or an equivalent grade) at the Master's Degree level in Science along with a Ph.D. degree in relevant subject.
- b) An eminent scholar with Ph.D. qualification(s) in the concerned/allied/relevant discipline and published work of high quality actively engaged in research with evidence of published work with a minimum of 10 publications as books and/or research/policy papers.
- c) A minimum of ten years of teaching experience in university/college, and/or experience in research at the University/National level institutions/industries, including experience of guiding candidates for research at doctoral level.
- d) Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process.
- e) A minimum score as stipulated in the Academic Performance Indicator (API) based Performance Based Appraisal System (PBAS).

OR

An outstanding professional, with an exceptional accomplishment established reputation in the relevant field, who has made significant contributions to the knowledge in the concerned/allied/relevant discipline, to be substantiated by credentials

B. **Associate Professor** [13 posts: SC – 6, ST – 2, OBC-A – 1, OBC-B – 2, UR – 2]

Scale of pay – Rs. 37400-67000/-, AGP –Rs. 9000/-,

- a) First Class Master's Degree in the appropriate branch of Engineering (Engg.) & Technology (Tech.). / at least 55 % marks (or an equivalent grade) at the Master's Degree level in Science along with a Ph.D. degree in relevant subject.
- b) A minimum of eight years of experience of teaching and/or research in an academic/research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/industry excluding the period of Ph.D. research with evidence of published work and a minimum of 5 publications as book and/or research/policy papers.

c) Contribution to educational innovation, design of new curricula and courses, and technology – mediated teaching learning process with evidence of having guided doctoral candidates and research students, as evidenced by Ph.D. thesis /co-authored books/publications in peer reviewed journals.

d) A minimum score as stipulated in the Academic Performance Indicator (API) based Performance Based Appraisal System (PBAS)

C. **Assistant Professor** [7 posts: SC – 3, OBC-A – 1, OBC-B – 2, UR – 1], Scale of pay – Rs. 15600-39100/-, AGP –Rs. 6000/-,

a) Good academic record [First Class Master's Degree in the appropriate branch of Engineering (Engg.) & Technology (Tech.). / at least 55 % marks (or an equivalent grade) at the Master's Degree level in Science

b. Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC, CSIR.

c) Notwithstanding anything contained in (ii) above candidates, who are, or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations, 2009, shall be exempted from the requirement of the minimum eligibility condition of NET.

c) NET shall also not be required for such Masters Programmes in disciplines for which NET is not conducted.

d) Teaching, research industrial and / or professional experience in reputed organization;

e) Papers presented at Conferences and / or published in refereed journals.

## **ASSISTANT PROFESSOR**

1. Bio-Technology (3 posts: UR-1, SC- 2)

Desirable Expertise in:

**Computational Biology with Omics concept specially genomics, Biochemistry/ Plant Biotechnology/ Immuno Technology/Biophysics/ Molecular Biology/ Food Technology/ Biostatistics/ Immunology/ Food Technology/ Chemical Engineering.**

2. Natural Science (2 posts: 1-OBC-B and 1-SC): i. Environmental Science/Chemistry [OBC-B], and ii. Mathematics [SC]

3. CSE- (1 post : OBC-B)

**Specialization in Distributed Computing, Data Science/Analytics, Machine Intelligence, Internet Technology, Advanced Computer Architecture.**

4. Industrial Engineering & Management (1 post : OBC-A)

## **Associate Professor**

1. Bio-Technology (3 posts: SC- 2, OBC-B-1)

Desirable Expertise in:

**Computational Biology with Omics concept specially genomics, Biochemistry/ Plant Biotechnology/ Immuno Technology/Biophysics/ Molecular Biology/ Food technology/ Biostatistics.**

2. Bio-Informatics (1 post : OBC-B)  
Desirable Expertise in:  
**Computational Biology/System Biology (knowledge of analyzing large Omics datasets)/Computer Science and Information Technology with proficiency in Bio-computation using heterogeneous system)**
3. Computer Science/Software Engineering (1 post : SC)  
**Specialization in Project Management**
4. Industrial Engineering & Management (2 posts : SC -1, ST-1)
5. Natural Science (2 posts : OBC-A, SC-1) – **Physics (OBC-A) and Mathematics (SC)**
6. CSE/ECE (1 posts : SC-1)  
**VLSI Circuits and Systems, Analog IC design, Digital VLSI design, VLSI Testing and Verifications, VLSI Physical Design, .RF IC Design, Mixed Signal VLSI design, and FPGA based system design.**
7. Information Technology (2 posts: UR-2)  
**Specialization in Artificial Neural Network, Fuzzy Logic, Wireless Sensor Network, Big Data Analysis, Advanced Machine Vision and Pattern Recognition, Cloud Computing, Pervasive Computing, Theoretical Computer Science**
8. CSE (1 post: ST-1)  
**Specialization in Distributed Computing, Data Science/Analytics, Machine Intelligence, Internet Technology, Advanced Computer Architecture**

### **Minimum Eligibility Criteria for Associate Professor:**

- A Ph.D degree with first class or equivalent at Bachelor's or Master's Degree in the concerned / allied / relevant branch of Engineering and Technology.
- A minimum of 8 (eight) years' experience of teaching or research at the level of Assistant Professor (in the revised pay band of Rs. 15,600 – 39,100/- with Academic Grade pay of Rs. 6000/- or higher ) or Lecturer or equivalent grade.

### **For the Candidates from Industry and Profession**

Qualification as above with industrial / professional experience of 8 (eight) years in a position equivalent to the level of Assistant Professor (in the revised pay band of Rs. 15,600 – 39,100/- with Academic Grade Pay of Rs. 6000/- or higher) or Assistant Professor.

### **Desirable Qualification :**

- Published work such as research papers, patents filed/obtained, books and/or technical reports.
- Experience of guiding Post Graduate / Research students or supervising R & D projects in industry.
- One post of Biotechnology is reserved with specialization from Chemical Engineering.

### **Professor**

1. Bio-Technology (1 post: SC-1)

Desirable Expertise in:

**Specialization in Chemical Engineering, Bio Process Engineering or Food Technology or in related subject of Engineering/Technology.**

2. Management (1 post: SC-1)

**Finance/HR/Marketing/Systems**

3. Bio-Informatics (1 post – UR-1)

Desirable Expertise in:

**Computational Biology/System Biology (knowledge of analyzing large Omics datasets)/Computer Science and Information Technology with proficiency in Bio-computation using heterogeneous system)**

4. CSE- (3 posts: ST – 1, OBC-B – 1, SC – 1)

**Specialization in Distributed Computing, Data Science/Analytics, Machine Intelligence, Internet Technology.**

5. CSE/Software Engineering (1 post : OBC-A - 1)

**Specialization in Project Management**

### **Minimum Eligibility Criteria :**

#### **For the candidates from Industry and Profession**

Qualification as above with industrial / professional experience of 10 (ten) years at managerial level equivalent to Assistant Professor (in the revised pay band of Rs. 15,600 – 39,100/- with Academic Grade pay of Rs. 8000/- or higher) or Reader or equivalent grade with active participation record in designing, planning, executing, analysing, quality control, innovating, training, writing technical books, research paper, publications / patents, etc.

### **Desirable Qualification**

- Post Ph.D published work such as research papers, patents filed /obtained, books and / or technical reports.
- Experience of guiding Post Graduate / Research students or supervising R & D projects in industry.
- Number of Ph.D awarded under his/her supervision so far in the relevant areas.

### **Important Note for appointment of Associate Professors and Professors**

- a. If a class / division is not awarded and if a Grade Point system is adopted, the CGPA will be converted into equivalent marks as below :

Grade Point	Equivalent Percentage
6.25	55.00%
6.75	60.00%
7.25	65.00%
7.75	70.00%
8.25	75.00%

- b. Relevant / allied disciplines in each case, good academic record and maximum age limit may be decided by the appropriate bodies of the concerned university.
- c. Composition of the selection committee and the selection criteria based on the candidates' academic record, domain knowledge, teaching ability, research / teaching experience, performance in his / her previous academic / research positions in the colleges / universities / research institutes / industries and other related aspects may be decided by the appropriate bodies of the concerned university taking into consideration as far as practicable, the relevant guidelines of UGC in such matters.

### **General information:**

#### **For the post of Assistant Professor**

- Good academic record as defined by the concerned University with at least 55% marks ( or an equivalent grade in a point scale wherever grading system is followed ) at the Masters Degree level in concerned/ allied / relevant subject , along with relaxations applicable to specified categories, as explained in the **Note A**.
- The candidate must have cleared the National Eligibility Test (NET) conducted by the UGC/CSIR or similar test accredited by the UGC like NET/SLET/SET, along with exemptions to specified categories, as explained in the **Note B**.

#### **NOTE**

#### **A: Relaxation of Marks for Direct Recruitment of Assistant Professor, Associate Professor and Professor:**

- A relaxation of 5% may be provided at the Graduate and Masters level for the Scheduled Castes/Scheduled Tribes/Differently-abled (physically and visually differently-abled) / Other Backward Classes (non-creamy layer) categories for the purpose of eligibility and for assessing good academic records during direct recruitment to teaching positions.

However, differently-abled (physically and visually) candidates are not eligible for any marks relaxation in Physical Education discipline.

- The minimum qualifying marks of 55% is relaxable by 5% marks (from 55% to 50%) at the Master level for Ph.D. Degree holders who have obtained their Masters degree prior to September 19, 1991.
- The eligibility marks or 55% marks (or an equivalent grade in a point scale wherever grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible, based on only the qualifying marks without including any grace mark procedures.
- All the essential qualifications must have been obtained from a recognized University/ Institute. By a recognized University / Institute is meant a University / Institute affiliated to UGC/other statutory apex bodies. or recognized by the State or Central Government as a centre of higher learning. In case of a foreign University, the Degree concerned should be recognized as equivalent to its Indian counterpart by the Association of Indian Universities.

**B. : NET/SLET/SET Exemption for the Post of Assistant Professor:**

- i. The candidates who have been awarded Ph.D. Degree in the same or in a relevant subject in accordance with the University Grants Commission (Minimum Standards and Procedure for award of Ph.D. Degree) Regulations, 2009 are exempted from qualifying in the Eligibility Test (NET/SLET/SET).
- ii. Candidates registered for Ph.D. programme prior to 11 July, 2009 shall be exempted from qualifying in the Eligibility Test (NET/SLET/SET) as described hereinafter

The award of Degree to candidates registered for the Ph.D. programme prior to July 11,2009, shall be governed by the provisions of the then existing Ordinances/ Bye laws/ Regulations of the institutions awarding the Degree in the same or relevant subject shall be exempted from the requirement of NET/SLET/SET. Subject to fulfilment of the following conditions:

- a. Ph.D. degree of the candidate awarded in regular mode only;
- b. Evaluation of the Ph.D. thesis by at least two external examiners;
- c. Open Ph.D. viva voce of the candidate had been conducted;
- d. Candidate has published two research papers from his/her Ph.D. work out of which at least one must be in a refereed journal;
- e. Candidate has made at least two presentations in conferences/seminars, based on his/her Ph.D work.
- f. (a) to (e) as above are to be certified by the Vice-Chancellor/Pro-Vice-Chancellor /Dean (Academic Affairs)/Dean (University instructions).

iii) NET/SLET/SET shall also not be required for such Master's Programmes in disciplines for which NET/SLET/SET is not conducted.

**Other information:**

1. Three copies of applications (**1 original and 2 photocopies**) should be submitted to :  
**The Registrar (Selection Committee), Maulana Abul Kalam Azad University of Technology, West Bengal , BF – 142, Sector – I, Salt Lake City, Kolkata – 700 064.**
2. Applications must reach the office of the Registrar within 30 January 2018 along with a Demand Draft (issued by any nationalized bank) of Rs. 1000/- in favour of “MAKAUT,W.B.”, payable at Kolkata (SC / ST candidates shall pay only 50% of normal application fee).
3. Envelope shall be marked “*Application for the post of .....*”
4. **Please submit online a copy of the application to [registrar@wbut.ac.in](mailto:registrar@wbut.ac.in) and cc to [pkdas.ms@gmail.com](mailto:pkdas.ms@gmail.com) with the subject ‘Application for faculty position’**
5. Persons already employed in Government / Public Sector organisations shall apply through proper channel. They may send Advance Copy to the University and furnish ‘No Objection Certificate’ from their employers at the time of interview / interaction.
6. Relevant information may be enclosed as Annexure if more space is required.
7. Application forms submitted by the applicants should be properly filled in all respects and entries therein must be substantiated by supporting documents without which such applications would be treated as cancelled.
8. Applications without application fee will be cancelled.
9. Appointments will be made on probation for one year, which may be extended on satisfactory performance of the incumbent during the tenure of his/her service and in case it is detected during any time of recruitment process and also at any point of time after the appointment that the documents submitted by the candidate are fake/false/forged documents, his candidature/services will be forthwith cancelled/terminated without assigning any reason.
10. The prescribed essential qualifications/experience indicated above is bare minimum and mere possession of the same will not entitle the candidates to be called for interview. The university reserves the right to raise the cut-off level of eligibility criteria than those indicated under ‘Essential Qualifications’ for the respective posts. The University will have the right to restrict the candidates to be called for interview to a reasonable number on the basis of qualifications and experience higher than the minimum prescribed for the same. All the posts advertised are sanctioned by the Govt. of West Bengal and the age of superannuation to these posts would be 62 years or as may be notified by the Govt. of West Bengal from time to time.
11. A **relaxation of 5% in marks** (wherever necessary) may be provided for candidates belonging to SC /ST/ OBC categories.
12. No TA/DA will be paid to the candidates for attending interview.
13. The University reserves the right not to fill up the posts advertised without assigning any reason.
14. In case of any dispute the decision of the university will be final.
15. The Calcutta High Court only have the legal jurisdiction in this matter.

**Last date for submission of Application Form: 30 January 2018**