

BML Munjal University

Specializations, Eligibility and Selection Process for Faculty Recruitment

BML Munjal University invites applications from well qualified Indian and foreign nationals for faculty positions at the level of Professor/Associate Professor/Assistant Professor -Grade I, II and III in its Schools, Departments and Inter-disciplinary Centres.

SCHOOLS: Engineering and Technology
 Management
 Economics and Commerce
 Law

DEPARTMENTS: Applied Sciences
 Languages and Liberal Arts

CENTRES: Centre for Advance Materials and Devices,

AREAS OF SPECIALISATIONS FOR FACULTY APPLICATION

School of Management and School of Economics and Commerce:

- Accounting and Finance
- Taxation and Law
- Quantitative Finance
- Business Mathematics and Statistics
- Operations Management
- Data Analytics R and Python
- HR and OB
- Marketing
- Strategy and Innovation
- Entrepreneurship
- Economics
- Econometrics
- Microeconomics/Behavioural/Development Economics
- Macroeconomics

School of Engineering and Technology

1. Civil Engineering:

- Construction Management; Structural Engineering; Construction Materials
- Transportation Engineering
- Sustainable Development
- Water Resources
- Environmental Engineering
- Geotechnical Engineering; Engineering Geology
- Geomatics (Remote Sensing and GIS, Surveying and GPS)

2. Electronics and Communications Engineering

- VLSI & Embedded Systems
- IoT
- Microwave Engineering
- Communication Systems
- Electrical Engineering (Power Electronics & Control Systems)
- Materials: Fabrication & Characterization

3. Mechanical Engineering

- Design
- Thermal & Fluid Engineering
- Manufacturing Engineering
- Material Science & Metallurgy
- Industrial Engineering
- Mechatronics & Automation
- Robotics
- Automobile Engineering

4. Computer Science and Engineering

- Data Science
- Artificial Intelligence and Machine Learning
- Image Processing
- Cyber Security and Cryptography
- Algorithms
- Software Engineering
- Internet of Things
- Computer Networks
- Distribution Systems and Cloud Computing
- Operating Systems; Systems Programming
- Computer Organization and Computer Architecture
- Database Management System
- Computer Graphics and Animation

5. Applied Sciences

- Mathematics
- Statistics
- Physics
- Chemistry

Department of Languages and Liberal Arts

- Sociology
- Geography

- English Literature
- French
- Chinese
- Legal English

Eligibility and Qualifications:

QUALIFICATION:

Ph.D. with Master's degree or equivalent in the concerned/allied/relevant disciplines. Consistently good academic record with minimum 60% marks or equivalent in terms of grades at the Master's Level.

ELIGIBILITY:

Professor

10 years of teaching/research/industrial experience of which at least 4 years should be at the level of Associate Professor or equivalent on regular cadre. The candidate should have demonstrated leadership in research in a specific area of specialization in terms of guidance of Ph.D. students, strong record of publications in reputed journals and conferences, patents, laboratory/course development and/or other recognized relevant professional activities.

Associate Professor

8 years of teaching/research/industrial experience of which at least three years should be at the level of Assistant Professor-III or equivalent on regular cadre. The candidate should have demonstrated adequate experience of independent research in terms of guidance of M.Tech. and Ph.D. students, publications in reputed journals and conferences, patents, laboratory/course development and/or other recognized relevant professional activities.

Assistant Professor Grade III

3 years of teaching/research/industrial experience post-PhD. Candidate should have demonstrated research capabilities in terms of publications in reputed journals and conferences.

Assistant Professor Grade II

2 years post Ph.D. experience of Teaching and Research in Institution of repute / Industry.

Assistant Professor Grade I

Fresh Ph.Ds. or MTech / MBA from institutes of repute or international institutions with relevant teaching and research experience

Compensation:

Competitive as per other institutes of excellence in the country/abroad.

Other Allowances/Benefits:

- Relocation Allowance: Reimbursement of expenses up to Rs. 1 lac in respect of relocation, travelling and household shifting.
- Leave Travel Allowance: Leave Travel Allowance (LTA) is an actual expense-based allowance provided to an employee for travelling within India during the leave period. Employees are entitled for Leave Travel Assistance (LTA) as per their eligibility for 2 journeys (back and forth) in a block of 4 calendar (block) years.
- Mediclaim coverage for self and dependents

Academic and Research Support:

- Centrally air-conditioned office working space.
- A fully equipped computer workstation/laptop.
- Bright students and an academic conducive environment.
- Complete freedom to work.
- Professional Development Allowance (upto Rs. 1.00 Lakhs) in a year to present papers in international/national conferences, purchase of books, membership of professional societies etc.
- A seed grant up to Rs. 10 Lakhs as research initiation grant to enable an early start to research work.
- Support for one Ph. D. research assistantship.
- Incentives for various additional duties.
- Professional development fund from the sponsored research and industrial consultancy income.
- Outstanding Teacher and Researcher Awards.
- Linkages with industries and international universities for faculty exchange and joint research to promote industry-academia interactions.
- Inter-disciplinary Centers of Excellence and Laboratories to support research in cross-disciplinary areas.
- Executive Education Center for faculty to conduct faculty development programmes, management development programmes and executive education programmes, which leads to income generation for both the university and the faculty members.
- Support through IPR cell for patenting of research carried out in the university.
- *Propel*, the in-house/university incubator to provide support on starting new businesses with faculty participation.

Application Submission:

The applications in the prescribed form along with annexures must be completed with full details of educational qualifications, teaching/research/industrial experience, list of publications (with reprints of the best three papers) along with the names and contact details of three referees. The application with the relevant annexures may be forwarded to: careers@bmu.edu.in

Additional Notes:

1. The candidates should be preferably below 35 years of age for the post of Assistant Professor.
2. Besides good academic record, the candidates should have good communication skills, passion for high quality UG and PG teaching, and research and have demonstrated abilities to carry out original and creative research.
3. The University may consider candidates whose areas of specialization are beyond those listed here.

4. Just fulfilment of qualifications and eligibility does not entitle a candidate to be called for interview. No correspondence in this regard will be made/entertained.
5. The University reserves the right to fill or not to fill any or all the posts.

THE SELECTION PROCESS

The faculty recruitment/promotion process starts by sharing of all relevant applications of candidates by the Faculty Screening Committee (FSC) appointed by the Vice Chancellor for each School/Department/Centre.

The faculty **Recruitment process** shall include:

- i. Invitation of applications;
- ii. Preliminary assessment of the suitability of the candidates by the FSC;
- iii. Invitation to short-listed applicants to the campus to participate in the selection process;
- iv. Presentation of Teaching/Research Seminar by the candidates;
- v. Personal Interaction of the short-listed candidates with the Selection Committee;

The candidate will be called for **two days** at the campus. They need to give a teaching/research seminar and may interact with faculty both within and outside his/her areas of interest.

Guidelines for the Teaching/Research Seminar:

The teaching/research seminar will focus on the candidate's teaching abilities, past and ongoing research. Additionally, the candidate shall present his/her short-term research plans and demonstrate the overall research vision.

The teaching seminar will be an indicator of the candidate's teaching abilities and pedagogical skills. It is geared towards exposing students to the basics/fundamentals in the topic chosen.

The research seminar should include all necessary details such as the background, goals and objectives, and approach/method, outcome etc.

The seminar session is expected to be an interactive session. A whiteboard, projector, computer, etc. will be available.

As part of the visit, a candidate may meet with the faculty both within and outside his/her areas of interest. This will provide the candidate an opportunity to discuss his/her research, future plans, expectations and other interests in more detail in an informal setting.