



Call for Applications for Distinguished Professor Position

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Madan Bhandari University of Science and Technology (MBUST) invites applications for the position of a distinguished professor in Photonics and Digital Systems. Established under the MBUST Act, 2079 (2022 CE), MBUST is Nepal's first research-oriented university, endowed with extensive autonomy. The mission of the University is **to build prosperous and just Nepal**. To attain this mission the University has chosen the vision ***to be a world-class university***.

MBUST offers an exceptional platform for scholars and researchers to contribute to Nepal's rapid economic development by generating new knowledge and technologies that enhance the global competitiveness of Nepali products. We seek candidates with strong academic credentials and proven research record who are committed to the University's mission and vision. **Preference will be given to applicants with bold innovative research and development ideas**, that hold promise for advancing knowledge and making significant contribution to the nation's development.

Within a short span of time, MBUST has established itself as a **distinct institution free of corruption and partisan politics**. It upholds strict meritocracy and maintains **zero tolerance to favoritism, nepotism or discrimination** of any kind – whether based on caste, creed, gender, nationality and religion. The University is committed to creating the **best possible environment for academic staff to pursue research career**, empowering them to contribute fully to the advancement of scientific knowledge, technological innovation, and the sustainable development of Nepal and the world. Joining MBUST is a more than career move, it is **once-in-a-lifetime opportunity to make a difference for Nepal and the world**.

To drive Nepal's economic development, MBUST has adopted a strategy of **aligning teaching and research with real-world challenges**. The University has already developed partnerships with Habitat for Humanity Nepal and Green Bamboo Creation to advance research to position bamboo as a cornerstone of Nepal's green economy and with Ares Mushroom Farm and Indreni Mushroom Farm to support the mushroom industry, which has been relying solely on foreign technical support. Through these collaborations, industry partners not only guide research direction but also provide financial assistance to students towards living costs (scholarship) and tuition fees (tuition fee waiver) ensuring that academic inquiry directly contribute to solving real-

life problems of enterprises. This approach is designed not only to fuel the economic growth but also to help MBUST fulfill its mission by producing **"job creators rather than job seekers."**

To maximize the impact of its research, development and innovation (RDI) on national progress, MBUST has adopted a strategy of concentrating its RDI activities on selected sectors of economy with significant potential for transformative growth. In line with this approach, the University has identified the following areas for initial engagement: Organic Agriculture and Food, Forest Biomaterials, Digital Technology, Sustainable and Resilient Infrastructure and Water Resources and Energy. All RDI activities are guided by the cross-cutting themes that define MBUST's academic ethos: sustainable development, climate change mitigation, hill development, and equity, including gender equity.

In December 2023, MBUST welcomed first cohort of PhD students in Organic Agriculture and Forest Biomaterials Science and Engineering, along with research-based Master of Applied Science in Organic Agriculture. The University is offering the following programs: a) PhD and Master's in Organic Agriculture; b) PhD and Master's in Forest Biomaterials Engineering and Science; c) PhD and Master's in Artificial Intelligence; d) Master's in Data Science; and PhD and Master's in Sustainable and Resilient Infrastructure. These programs embody MBUST's commitment to cutting-edge, research-driven education that directly addresses Nepal's development priorities while preparing graduates to make meaningful contribution at the global level.

At present there are 12 academic staff and 75 students. The enrollment is expected to grow slowly. To attract talented students the University have been providing financial assistance to a limited number of graduate students. At present, the University is providing full tuition fee waiver and scholarship of Rs.20,000 per month for 36 months to two PhD students per program. At the Master's level, for each program the University is providing full tuition fee waiver and scholarship of Rs.12,000 per month for 24 months to two students, full tuition waiver only to two additional students, 75% tuition fee waiver to additional 2, 50% to additional 2, and 25% to additional 8.

The academic staff is also expected to be actively engaged in fundraising for the research as well as for the University in general. They should be able to secure funding for research by accessing research grants as well as sponsorships from industries.

The prescribed minimum qualifications for the distinguished professor are presented below.

Academic Qualifications	Ph.D. degree from a reputed university.
Academic Experience	Full Professor at a highly reputable university, world-class preferred
Publications	Excellent track record of publications (h index over 30; 30-60 publications in indexed journals).
Teaching Experience	Significant experience in teaching and mentoring faculty members; successful supervision of over 15 Ph.D.

Research Experience	Excellent track record in research; significant research grants received; experience of close cooperation with industries/ clients.
Leadership	Demonstrated academic/managerial leadership; leadership roles in professional or academic societies, editorial boards, or expert committees; significant international collaboration experience.
Patents	Patenting experience where ever possible preferable. Number of licensed patents over 15.
Recognition in field	highly acclaimed in the field of expertise; prestigious awards, fellowships, or honors; keynote/plenary lectures at major conferences.
Ethics	High standards of professional integrity and ethical conduct.

The qualifications prescribed shall be treated as guidelines rather than criteria to be followed rigidly. If a candidate is found to excel in one or more criteria to compensate for the weakness found in one or more criteria a candidate may be recommended for the selection on the basis of the overall evaluation.

The terms and conditions of employment for staff are defined in the *Personnel Administration Rules, 2080*, while remuneration scales are outlined in the *Financial Management Rules, 2080*. The Personnel Administration Rules allows the market adjustment of the remuneration prescribed in the Financial Management Rules.

University Rules are accessible on the official website. Interested applicants are strongly encouraged to review them carefully, with particular attention to *Rules Relating to Conflict of Interest, 2080*. In order to uphold highest standard of integrity and accountability, all staff members are required to abide by these Rules. Given the serious damage that partisan politics has caused to higher education in Nepal, faculty members selected for MBUST must also make a firm commitment to **refrain from engaging in partisan political activities**.

The tenure of the position is two years, which is renewable.

The expected outputs from the distinguished professor are:

1. Design and implementation of new research-based Master of Applied Science and PhD programs
2. Assuming leadership roles or helping the leadership of the university
3. Assist in strategic planning for developing a world-class university
4. Mentoring faculty members
5. Financial resource mobilization
6. Mobilization of research grants
7. Strengthening national and international collaboration
8. Strengthening partnership with enterprises and communities
9. Assisting in policy dialogue with the government, non-government entities and donors

10. Assisting in intellectual property development, registration and management
11. Others compatible with the competency of the professor

The University is located at lush green Chitlang Valley, which is at about 25 km from the center of Kathmandu City, the capital of Nepal. The Chandragiri Range separates Kathmandu Valley from Chitlang Valley. Chitlang is a historical settlement with rich heritage. It has developed into a tourist hub.

This call is open to Nepali citizens, non-resident Nepalese and non-Nepali citizens. MBUST is committed to diversity, equity and inclusion. Female candidates are strongly encouraged to apply.

The process of the selection of candidates based on the applications received till September 11, 2026 starts from September 13, 2026 but applications can be accepted and processed until the positions are filled.

The available positions will be filled only if suitable candidates are identified.

The applications are to be submitted to the email: info.sc@mbust.edu.np. For more information in this regard, please contact the office on mobile numbers 9840088016 or 9849848053. The following documents should be submitted with the application:

1. **Application:** An application letter indicating the area(s) of specialization and motivation for joining the University.
2. **Curriculum Vitae (CV):** Comprehensive CV highlighting education, academic and professional experience, achievements, and recognitions.
3. **Research Interests:** Areas of research, development and innovation activities; areas of research in PhD and postdoctoral assignment to be included by fresh PhD graduates.
4. **Essay (up to 1,000 words):** Outline how the applicant is expected to contribute to the University's mission and vision.
5. **List of Publications:** Include full list of peer-reviewed journal articles, conference proceedings, and other scholarly works, along with links to Google Scholar Citations and Scopus Citation Index profiles
6. **Teaching Experience:** Include the list of courses developed/taught, teaching materials or digital resources prepared.
7. **Supervision of MS/PhD Students** – Provide list of MS/PhD students successfully supervised, including thesis/dissertation titles. Highlight list of students completing research-based programs, if any.
8. **Research Grants:** List of grants received, specifying project title, funding agency, total amount, and applicant's role.

9. **Leadership Experience:** Evidence of leadership roles in academia, research projects, professional bodies, collaborative initiatives and others.
10. **Special Skills:** Technical, managerial, interdisciplinary and other relevant skills.
11. **Patents:** List of patents granted or applied.
12. **References:** Names and contact information of three referees who have directly supervised the applicant and would be willing to be approached by the University.

For more information in this regard, please contact

Name	Program	Mobile	Email
Dr. Ritu Raj Lamsal, Assistant Professor	Digital Technology	9804437197, 9860334676	rituraj.lamsal@mbust.edu.np

The shortlisted candidates will be notified by email and the shortlist will be made public via the University website.