



**Invitation of Applications for Admission to
Master of Applied Science and PhD Programs
August 9, 2024**

1. Introduction

Madan Bhandari University of Science and Technology (MBUST) was established through the promulgation of the Madan Bhandari University of Science and Technology Act, 2079 (2022 AD) on August 3, 2022. This Act grants extensive autonomy to the University creating an enabling environment for developing MBUST into a world-class research-oriented university. MBUST aims at making a direct contribution to the economic development of the country through the creation of new knowledge and technology, which should enhance the competitiveness of the country's economic sectors.

The MBUST *vision is to become a world-class university* and its *mission is to build prosperous and just Nepal*. MBUST is committed to provide world-class education by attracting talented and committed students and academic staff, and a conducive environment for research and development activities focused at solving real-life problems of the industry using the state-of-the-art knowledge and technology.

2. Academic Programs

The teaching and research activities of the University will be guided by the real-life needs of the industry and delivered by the Institutes engaged in research related to specific economic sectors. The students will pursue their studies in close collaboration with related industries and are expected to develop a new technology for collaborating industrial partners. This approach is designed to produce graduates who are "job creators" rather than "job seekers".

Academic programs being offered are:

1. Organic Agriculture – PhD and Master of Applied Science (MAS)
2. Forest Biomaterials Science and Engineering – PhD and MAS
3. Artificial Intelligence - MAS
4. Data Science – MAS
5. Sustainable and Resilient Infrastructure (specialization - tourism)

All MAS programs are research-based.

3. Programs, Intake and Financial Support for November 2024 Admission

Program	Total intake	Tuition fee waiver and scholarship	Tuition fee waiver			
			100%	75%	50%	25%
PhD in Organic Agriculture	Up to 2	For up to 2	-	-	-	-
MAS in Organic Agriculture	Up to 16	For up to 2	For up to 2 additional students	For up to 2 additional students	For up to 2 additional students	For up to 8 additional students
PhD in Forest Biomaterials	Up to 2	For up to 2	-	-	-	-
MAS in Forest Biomaterials	Up to 16	For up to 2	For up to 2 additional students	For up to 2 additional students	For up to 2 additional students	For up to 8 additional students
MAS in Sustainable and Resilient Infrastructure (specialization – tourism)	Up to 16	For up to 2	For up to 2 additional students	For up to 2 additional students	For up to 2 additional students	For up to 8 additional students

Monthly scholarship of Rs.30,000 and Rs.12,000 respectively may be provided to PhD and MAS students based on scholastic performance. Scholarship and fee waiver are provided for 36 months and 24 months for PhD and MAS students respectively subject to meeting the prescribed performance thresholds. Scholarships are subject to the availability of resources. Students getting fee waiver and/or scholarships are required to be engaged in the University's research and other activities.

For getting tuition fee waiver and scholarship students will have to commit to serving at MBUST or institutions placed by MBUST for at least three years and two years respectively for PhD and MAS graduates. The duration of service will be half of the above for students getting only the fee waiver independent of the level of the fee waiver.

If recipients of tuition fee waiver and scholarship leave the study before completion, they will have to reimburse the total amount of scholarship received and pay tuition fees for the whole course. The tuition fees for one year is Rs.150,000 for both PhD and MAS programs.

To encourage only committed students to get admitted and handle the University property with care, the following non-tuition fees will be charged: a non-refundable registration fee of Rs.25,000; a refundable deposit of Rs.50,000, which will be refunded on completion of the study; and a refundable security deposit of Rs.25,000 towards the compensation for possible damages to the

University property associated with the negligence. In addition, a transportation charge will apply for students using office shuttle service to and from Chitlang.

4. Admission Schedule

August 9, 2024	Call for Applications
August 11- 27	Application period
September 6	Shortlist publication
September 10 -14	Written examinations and interview
September 18	Publication of admission list
September 20 – October 2	Admission days
November 21	Course registration
November 22	Orientation/ Session starts

5. Eligibility

- Master's degree in Engineering/Technology/Science or other relevant fields from recognized universities with CGPA of 3.0/4.0 (or international equivalent) for PhD in Organic Agriculture and Forest Biomaterials programs.
- Four-year Bachelor's degree in Engineering/Technology/Science or other relevant fields from recognized universities with CGPA of 2.75 out of 4.0 (or international equivalent) for MAS in Organic Agriculture and Forest Biomaterials programs.
- Four-year Bachelor's degree in / Engineering/ Technology/Science/Architecture from recognized universities with CGPA of 2.75/4.0 (or international equivalent) or Master's degree in Management, Economics, Sociology, and Tourism and Hospitality and other relevant fields with CGPA of 2.75/4.0 (or international equivalent) for MAS in Sustainable and Resilient Infrastructure program.

6. Application Submission

Online application form will be available in MBUST at <http://mbust.edu.np> from August 9, 2024. Applications must be submitted online. Applications are open to all nationalities. Applications in hard copies or scanned copies shall not be entertained.

Bank details to deposit application fee:

MADAN BHANDARI UNIVERSITY OF SCIENCE AND TECHNOLOGY

A/C No. 01800106701870000001

Nepal Bank Limited

Lalitpur Branch, Gabahal, Lalitpur

In case of difficulties in applying online, please contact:

Name: Saroj Joshi

Email Id: Jsaroj284@gmail.com

Contact number: 9868795646

7. Documents and Information to be Submitted

Mandatory documents

1. Academic transcripts
 - a. Bachelor's degree
 - b. Master's degree for PhD
 - c. Bachelor's degree in science/engineering/technology or other relevant fields for MAS in Sustainable and Resilient Infrastructure
 - d. Master's degree in Geography, Economics, Sociology, and Tourism and Hospitality and other relevant subjects for MAS in Sustainable and Resilient Infrastructure
 - e. Secondary School Transcript (grade 12)
 - f. Secondary Education Examination Transcript (grade 10)
2. Research statement (3)
3. Personal statement (Attachment 4)
4. Citizenship certificate/Passport
5. CV
6. Bank voucher/evidence of the deposition of application fee of Rs. 500

Optional documents

1. Publication list
2. Experience certificates
3. Additional transcripts
4. Other documents (not more than five)

8. Selection of Students

Criteria for Selection

The students will be selected based on the following set of criteria.

Criteria	Transcripts	Research statement	Personal statement	Special skills	References	Essay writing	Interview	Total
Weighting, %	20	10	15	10	10	10	25	100

Students should submit the names of three referees who can provide the firsthand reference on them. The students should name only those referees who agree to be interviewed by the University.

Students are encouraged to submit documents showing special achievements/skills which could enhance the chances of their success in the studies.

Students with publication records in peer-reviewed journals and conferences will have an advantage in the selection. Therefore, students are encouraged to provide a list of publications (Attachment 5).

Essay writing and interview will take place at the University premises at Chitlang.

Shortlisting

Students will be shortlisted based on the cumulative score of the first five criteria. The number of students shortlisted will not exceed the double of the planned intake.

Final selection

The final selection for the admission will be based on the cumulative score of all criteria.

9. Pledge

The selected students shall be required to sign a pledge committing, among others, to complete the study, serve the MBUST or an institution assigned by the MBUST in lieu of scholarship and fee waiver provided at the time of admission.

10. Briefing on the Programs

An online briefing on the programs will be held on August 16, 2024 at 3pm. Those interested to attend the briefing are requested to send an email to info@mbust.edu.np [requesting for the meeting link](#). An email with the meeting link will be sent to the interested individuals upon receipt of the request.

11. Open House

An Open House for prospective students and interested stakeholders will be held on August 21, 2024 from 11am to 3pm at the University premises at Chitlang. The Open House should help students and other stakeholders to get more information about the academic programs, human resources of the University, interact with the teaching and administrative staff and

visit laboratories and other facilities. The participation in the Open House should also help students to get information on the queries they have and get a better idea about the preparation required for the study at the University.

Students are expected to make their own arrangement for the travel to the University for the participation in the Open House.

Interested students are welcome to visit the University on any other day to see facilities and interact with faculty members.

Information on the University is available at <https://www.mbust.edu.np>. Inquiries related to this Invitation may be forwarded to info@mbust.edu.np. Further information may be obtained by calling 984 0088016 and 984 9848053.

The framework for research statement (Attachment 1), framework for personal statement (Attachment 2) and format for publication list (Attachment 3) are appended to this notice. Please visit www.mbust.edu.np for more details.

President

Madan Bhandari University of Science and Technology
Chitlang, Thaha Municipality Ward 9, Bagmati Province

Attachment 1

Framework for Research Statement

Research statement of up to 600 to 800 words related to the program the student has applied for shall be developed by the applicant. The statement shall include

- Title
- Research problem definition
- Importance of the selected research problem in terms of contribution to national economy
- Research plan
- Expected results and impact

Attachment 2

Framework for Personal Statement

A personal statement shall be a concise description of the personal background, academic journey and research interests of the applicant of up to 800 to 1,000 words. It shall also highlight specific qualities and special skills of the applicant which may be helpful for the successful completion of the studies and research. He/she shall also describe the reasons for selecting MBUST and the program.

Attachment 3

Format for Publication List

In chronological order based on the year of publication

No.	Title of the publication	Author/s	Name and other details of Journal/Book/others	Web reference	Year