MADAN BHANDARI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Invitation of Applications for Admission to Master of Applied Science and PhD Programs (Second Cycle)

August 2, 2025

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 holds the promise of making 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 economy.

The MBUST ***vision is to be a world-class university*** and the ***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 providing 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 are guided by the real-life problems of the industry. Teaching and research programs of the University are delivered through the Institutes engaged in research related to specific economic sectors. The students will pursue their study 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".

MBUST has been offering PhD and Master of Applied Science (MAS) programs in Organic Agriculture, Forest Biomaterials Science and Engineering, and MAS programs in Artificial Intelligence, Data Science and Sustainable and Resilient Infrastructure.

Academic programs to be offered in November 2025 session are PhD in Organic Agriculture, Forest Biomaterials Science and Engineering, Sustainable and Resilient Infrastructure, and Artificial Intelligence and MAS in Organic Agriculture, Forest Biomaterials Science and Engineering, and Sustainable and Resilient Infrastructure.

Curriculum structures (Attachment[1] 1) and lists of resource persons for various degrees (Attachment 2) are appended to this notice. Please visit www.mbust.edu.np for more details.

[1] All attachments may be updated. Please keep visiting the website for updates.

3. Programs, Intake and Financial Support for this Call

Program	Available Seats	Tuition fee waiver and scholarship[2]	Tuition fee waiver only			
			100%	75%	50%	25%
PhD[3]						
Organic Agriculture	3	1	For up to 2			
Forest Biomaterials Science and Engineering	2		For up to 2			
Artificial Intelligence	2		For up to 2			
Sustainable and Resilient Infrastructure	2		For up to 2			
Master of Applied Science (MAS)						
Organic Agriculture	10				For up to 2 additional students	For up to 8 additional students
Forest Biomaterials Science and Engineering	14		For up to 2 students	For up to 2 additional students	For up to 2 additional students	For up to 8 additional students
Sustainable and Resilient Infrastructure	14		For up to 2 students	For up to 2 additional students	For up to 2 additional students	For up to 8 additional students

Monthly scholarship of **Rs. 20,000** and **Rs. 12,000** respectively may be provided to PhD students for 36 months and Master's students for 24 months based on scholastic performance subject to the *availability of resources* and *satisfactory performance*. Students getting fee waiver and/ or scholarships are required to be engaged in University's research and other activities.

For getting tuition fee waivers and scholarships, Master's students will have to commit to be employed or self-employed in Nepal or serve at MBUST or institutions placed by the MBUST for at least two years. The duration of service will be half of the above for students getting only the fee waiver independent of the degree of the fee waiver. Similarly, PhD students, for getting tuition fee waivers and scholarships, will have to commit to be employed or self-employed in Nepal or serve at MBUST or institutions placed by the MBUST for at least three years. Students failing to meet these obligations shall be morally obliged to reimburse to the University the full amount of scholarship and fee waiver, at the value of Nepali Rupees at the time of their graduation, they have received within five years after the graduation.

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.

[2] Scholarship will not be awarded to candidates who are on a paid leave or supported by any entity towards living expenditures of the candidates during the study. The selected candidates should at the time of admission submit an affidavit certifying that they will not be on a paid leave and not receiving support from any entity towards their living expenditures during the study. The numbers under this column are based on the admission records of August 1, 2025. The actual seats available for applicants for this call may be less because the admission process under the first admission list has not stopped.

[3] Applicants, who meet qualification requirements but not selected within the available seats, may admitted if they are willing pay tuition fees and study without scholarships.

4. Cost of Study

The tuition fee for one year is **Rs.150,000** for both PhD and Master's programs. The University will bear the cost of laboratory consumables associated with the study. The students will be required to bear the cost of field work associated with their transportation and lodging. However, such costs may be borne by the University if such expenses can be financed by funding for the research from sponsors.

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

5. Nature of Study

The MAS programs are research-oriented. Both PhD and MAS programs require full-time attendance. Only those candidates who would be able to devote full-time for the study should apply. Students are not allowed to be engaged in part-time jobs.

Students are advised to stay in Chitlang for a better academic experience, as most students do. Limited paid seats are available on the University shuttle to and from Chitlang, but availability is not guaranteed.

6. Admission Schedule

Date	Event
August 2	Call for applications for the second cycle
July 10 – August 8	Application period (applications submitted after July 9, 2025 shall be considered for this cycle)
August 13	Shortlist publication
August 22-24	Written examinations and interview
August 27	Publication of admission list
August 28- September 2	Admission period
November 23	Orientation, course registration, and start of instruction

Applications may be submitted after the deadline also. Applications received after the deadline till November 5, 2025 will be considered if all seats are not filled based on the applications submitted within the deadline. Financial assistance remaining unused after the admission under this notice will be available for students selected from the subsequent admission cycles. Interested students should bear in mind that the chances of availing the financial assistance would be higher for those who apply in response to this notice.

The supplementary Call for Applications with information about the admission schedule, remaining seats and financial assistance available for applications received after the deadline shall be published on September 3, 2025.

7. Eligibility[4]

- 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 for Sustainable and Resilient Infrastructure program.
- Master's degree in Engineering/Technology/Science/Architecture or other relevant fields from recognized universities with CGPA of 3.0/4.0 (or international equivalent) for PhD except for Sustainable and Resilient Infrastructure program.
- Four-year Bachelor's in Science/Engineering/Technology or other relevant fields from recognized universities with CGPA of 2.75 out of 4.0 (or international equivalent) for all MAS programs except Sustainable and Resilient Infrastructure.
- 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.

Research topics which may be offered to students are presented in Attachment 3. Particular qualifications and additional skills may be preferable for particular research topics, which will be considered while selecting students.

8. Application Submission

Online application form is available at https://mbust.bbnepal.com/ and MBUST website http://mbust.edu.np. 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

Gabahal, Lalitpur Branch, Lalitpur

The payment can also be made using the following QR code below.

[4] Strict enforcement of the CGPA criteria may exclude otherwise qualified candidates. Therefore, exceptions may be made for applicants who fall short of the CGPA threshold but demonstrate exceptional merit. Such candidates may be shortlisted. Applicants below the stated CGPA are welcome to apply, with the understanding that the University may still deem them ineligible.

In case of difficulties in applying online, please contact:

Name: Saroj Joshi

Email Id: jsaroj284@gmail.com

Contact number: 9868795646

For queries related to programs please contact:

Program/Degree	Name	Mobile	Email
OA	Dr. Bhushan Shrestha	9810198318	bhushan.shrestha@mbust.edu.np
FBMSE	Dr. Sabina Shrestha	9841270278	sabina.shrestha@mbust.edu.np
SRI	Dr. Kishor Timsina	9849147792	kishor.timsina@mbust.edu.np
AI	Dr. Rajib Subba	9705048776	rajib.subba@mbust.edu.np

Students submitting applications from outside Nepal do not have to submit the application fee with the application form. However, they will have to pay it at the time of admission if they are admitted.

9. Documents and Information to be Submitted

Mandatory documents

1. Academic transcripts
    a. Bachelor's level
    b. Secondary school transcript (grade 12)
    c. Secondary Education Examination transcript (grade 10)
2. Research statement (Attachment 4)
3. Personal statement (Attachment 5)
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)

10. Selection of Students

Criteria for Selection

The students will be selected based on the following criteria.

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

Students should submit the names of three referees who can provide the firsthand reference on the students. 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 6).

Essay writing and interview will take place at the University premise in 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.

11. Pledge

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

12. Consultations

Students will be able to consult relevant faculty members and administrative staff for any enquiries they have every working day at 8pm. They may join an online meeting using the link below.

Link:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_YzUyMDI4ZTAtYzhlNi00ZDIyLWFlZjAtNTY1OTc0MjIyNDVk%40thread.v2/0?context=%7b%22Tid%22%3a%22886e4291-d795-4829-8c34-d2ce825102ad%22%2c%22Oid%22%3a%22b35aa0f7-2bc3-40bc-ac10-0ec622db9195%22%7d
Meeting ID: 410 061 886 920
Passcode: NM6Bn3u7

Kirti Kusum Joshi, PhD
Director
Institute of Applied Sciences

Attachment 1

Program Structure

A. Organic Agriculture

PhD
Duration of the Course: 3 years

Semester I				**Semester II**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
OA-CR-501	Soil Fertility and Soil Ecology in Organic Agriculture	4		OA-CR-550 Or OA-CR-551	Plant Protection in Organic Agricultural System Or Animal Production in Organic Agriculture	4
OA-CR-502	Organic Agricultural Food Systems and Agroecology	4		GC-NC-550	Entrepreneurship, Scientific Communication and Leadership (4 hours)	0
GC-CR-501	Development Policy	3		OA-EL-561~571	One course from the list related to thesis	4
GC-CR-502	Research Methodology and Data Mining	3		OA-TH-999	Thesis	4
Semester III				**Semester IV**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**

OA-EL-561~571	One course from the list related to thesis	4		OA-TH-999	Thesis	12
OA-TH-999	Thesis	12				
OA-NC-601	Technology Management (3 hours)	0				
Semester V				**Semester VI**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
OA-TH-999	Thesis	11		OA-TH-999	Thesis	11
Total credit hours for thesis = 50; total credit hours for core and elective courses not less than 25.						

MAS
Duration of the Course: 2 years

Semester I				**Semester II**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
OA-CR-501	Soil Fertility and Soil Ecology in Organic Agriculture	4		OA-CR-550 Or OA-CR-551	Plant Protection in Organic Agricultural System Or Animal Production in Organic Agriculture	4
OA-CR-502	Organic Agricultural Food systems and Agroecology	4		GC-NC-550	Entrepreneurship, Scientific Communication, and Leadership (4 hours)	0

GC-CR-501	Development Policy	3		OA-EL-561~571	One course from the list related to thesis	4
GC-CR-502	Research Methodology and Data Mining	3		OA-TH-699	Thesis	4
Semester III				**Semester IV**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
OA-NC-601	Technology Management (3 hours)	0				
OA-TH-699	Thesis	13		OA-TH-699	Thesis	13
Total credit hours for thesis = 30; total credit hours for core and elective courses not less than 20.						

Elective Courses

No.	Course Code	Course Title	Credit
1	OA-EL-561	Analysis and Management of Sustainable Organic Production Chain	4
2	OA-EL-562	Organic Fruit Production	4
3	OA-EL-563	Organic Production of Vegetables and Ornamentals	4
4	OA-EL-564	Bioinoculants in Organic Agriculture	4
5	OA-EL-565	Animal Nutrition, Fodder Production and Pasture Management	4
6	OA-EL-566	Post-Harvest Technology in Organic Agriculture	4
7	OA-EL-567	Marketing and Financial Management in Organic Agriculture Sector	4
8	OA-EL-568	Organic Certification	4
9	OA-EL-569	Spawn Production and Mushroom Cultivation	4

10	OA-El-570	Biological Control	4
11	OA-EL-571	Production Technology of Beverage (Tea &Coffee) and Spice Crops (Cardamom, Zinger, Turmeric) etc.	4
12	OA -EL-572	Crop Genome Editing	4
13	OA -EL-573	Molecular Biotechnology in Agriculture	4

B. Forest Biomaterials Science and Engineering

PhD

Duration of the Course: 3 years

Semester I				**Semester II**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
FB-CR-501	Fundamentals of Forest Biomaterials Science	4		FB-CR-550	Advanced Topics in Sustainable Bioproducts	4
FB-CR-502	Chemistry of Biomaterials	4		FB-TH-999	Thesis	4
GC-CR-501	Development Policy	3		GC-NC-550	Entrepreneurship, Scientific Communication and Leadership (4 hours)	0
GC-CR-502	Research Methodology and Data Mining	3		FB-NC-551	Forest Conservation and Management (3 hours)	0
				Elective I	One course from the list related to thesis	4
Semester III				**Semester IV**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
Elective II	One course from the list related to thesis	4		FB-TH-999	Thesis	12
FB-TH-999	Thesis	12				
Semester V				**Semester VI**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**

FB-TH-999	Thesis	11		FB-TH-999	Thesis	11
Total credit hours for thesis = 50; total credit hours for core and elective courses not less than 25.						

MAS

Duration of the Course: 2 years

Semester I				**Semester II**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
FB-CR-501	Fundamentals of Forest Biomaterials Science	4		FB-CR-550	Advanced Topics in Sustainable Bioproducts	4
FB-CR-502	Chemistry of Biomaterials	4		FB-TH-699	Thesis	4
GC-CR-501	Development Policy	3		GC-NC-550	Entrepreneurship, Scientific Communication and Leadership (4 hours)	0
GC-CR-502	Research Methodology and Data Mining	3		FB-NC-551	Forest Conservation and Management (3 hours)	0
				Elective I	One course from the list related to thesis	4
Semester III				**Semester IV**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
FB-TH-699	Thesis	13		FB-TH-699	Thesis	13

Total credit hours for thesis = 30; total credit hours for core and elective courses not less than 20.

Elective Courses

No.	Course Code	Course Title	Credit
1	FB-EL-561	Mechanics of Biomaterials and Bio-composites	4
2	FB-EL-562	Bonding and Adhesion Sciences and Technology	4
3	FB-EL-563	Wood Drying, Grading, Finishing, Treatment, Seasoning and Protection	4
4	FB-EL-564	Non-timber Forest Products Processing and Value Addition	4
5	FB-EL-565	Extraction and Characterization of Essential Oils and Secondary Metabolites	4
6	FB-EL-566	Dendro-wood Anatomy and its Application	4
7	FB-EL-567	Bioenergy, Bio-carbon, and Biorefinery	4
8	FB-EL-568	Biological Treatment and Conversion of Biomass	4
9	FB-EL-569	Utilization of Forest Products (such as Bamboo etc.) and other Non-wood Natural Materials	4
10	FB-EL-570	Engineered Design and Construction	4
11	FB-EL-571	Conservation of Landscape and Biodiversity	4
12	FB-EL-572	Rainwater Discharge and Forest Management	4
13	FB-EL-573	Advanced Biomaterial Development and Protection	4
14	FB-EL-574	Environmental Life Cycle Assessment and Thinking	4
15	FB-EL-575	Bamboo engineering	4
16	FB-EL-576	Utilization of non-timber natural materials, advanced biomaterial development and protection	4
17	FB-EL-577	Applied element modeling of structures	4

C. Digital Technology

PhD in Artificial Intelligence

Duration of the course: 3 years

Semester I				**Semester II**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
AI-CR-501	Machine learning	3		AI-CR-550	Computer Vision	3
AI-CR-502	Practical Data Science with Python	2		AI-CR-551	Natural Language Processing	3
AI-CR-503	Project in People-Centred AI	2		AI-EL-561~570	Elective 1	2
AI-CR-504	Research Methods for Intelligent Systems	1		GC-CR-501	Development Policy	3
GC-NC-550	Entrepreneurship, Scientific Communication and Leadership (4 hours)	0		AI-NC-553	Case Studies in Ethics and Fairness in AI (1 hour)	0
				AI-TH-699	Thesis	4
Semester III				**Semester IV**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
AI-CR-601	Advanced Topics in Deep Learning	3		AI-TH-699	Thesis	12
AI-EL-561~570	Elective II	2		AI-EL-561~570	Elective III	2
AI-TH-699	Thesis	12				
Semester V				**Semester VI**		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
AI-TH-699	Thesis	11		AI-TH-699	Thesis	11
Total credit hours for thesis = 50; total credit hours for core and elective courses not less than 25.						

Elective Courses

No.	Course Code	Course Title	Credit
1	AI-EL-561	Reinforcement Learning	2
2	AI-EL-562	Artificial Intelligence and Multi-Agent Systems	2
3	AI-EL-563	Graphical Models	2
4	AI-EL-564	AI for Agriculture	2
5	AI-EL-565	Data, Algorithm and Society	2
6	AI-EL-566	AI and Internet of Things	2
7	AI-EL-567	Applied Health Care and AI	2
8	AI-EL-568	Industrial AI and Automation	2
9	AI-EL-569	Social Media Analysis for Social Good	2
10	AI-EL-570	Signal processing for music information retrieval	2

D. Sustainable and Resilient Infrastructure Program

PhD

Duration of the Course: 3 years

Semester I				Semester II		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
SRI-CR-501	Sustainable and Resilient Development Principles and Practices	3		SRI-EL-xxx	Elective II	3
SRI-CR-502	Fundamentals of Tourism	3		SRI-EL-xxx	Elective III	3
SRI-CR-503	Research methodology and Data Mining	3		GC-NC-551	Entrepreneurship, and Leadership	0
GC-NC-501	Science Policy Communication	0		SRI-EL-xxx	Elective IV	2
SRI-EL-xxx	Elective I	3		SRI-TH-699	Thesis	4 Th

Semester I				Semester II		
Course Code	**Course Title**	**Credit**		**Course Code**	**Course Title**	**Credit**
Semester III				Semester IV		
Course Code	Course Title	Credit		Course Code	Course Title	Credit
SRI-EL-xxx	Elective V	3		SRI-EL-xxx	Elective VI	3
SRI-TH-699	Thesis	10 Th		SRI-TH-699	Thesis	10 Th
Semester V				Semester VI		
Course Code	Course Title	Credit		Course Code	Course Title	Credit
SRI-TH-699	Thesis	13 Th		SRI-TH-699	Thesis	13 Th
	Total	13 Th			Total	13 Th
Total credit hours for thesis = 50; total credit hours for core and elective courses not less than 25.						

MAS

Duration of the Course: 2 years

Semester I				Semester II		
Course Code	Course Title	Credit		Course Code	Course Title	Credit
SRI-CR-501	Sustainable and Resilient Development Principles and Practices	3		SRI-EL-xxx	Elective II	3
SRI-CR-502	Fundamentals of Tourism	3		SRI-EL-xxx	Elective III	3
SRI-CR-503	Research methodology and Data Mining	3		GC-NC-551	Entrepreneurship, and Leadership	0
GC-NC-501	Science Policy Communication	0		SRI-EL-xxx	Elective IV	2
SRI-EL-xxx	Elective I	3		SRI-TH-699	Thesis	4 Th
Semester III				Semester IV		
Course Code	Course Title	Credit		Course Code	Course Title	Credit
SRI-TH-699	Thesis	13 Th		SRI-TH-699	Thesis	13 Th
	Total	13 Th			Total	13 Th

Total credit hours for thesis = 30; total credit hours for core and elective courses not less than 20.

Elective Courses

Students will select 4 electives for the MAS program and 6 electives for the PhD program, aligning their choices with the focus of their research thesis from the following:

Tourism related

No.	Course Code	Course Title	Credit
1	SRI-EL-561	Transport for Tourism	3
2	SRI-EL-562	Tourism Policy and Process	3
3	SRI-EL-563	Adventure and Mountain Tourism	3
4	SRI-EL-564	Water-based Tourism Infrastructure	3
5	SRI-EL-565	Cultural Tourism Infrastructure	3
6	SRI-EL-566	Eco-Tourism Infrastructure	3
7	SRI-EL-567	Community-based Tourism	3
8	SRI-EL-568	Hiking and Trekking Trail Infrastructure	3
9	SRI-EL-569	Social Dimensions of Tourism	3
10	SRI-EL-570	Economics of Tourism	3

Architecture and planning including landscaping and master planning

No.	Course Code	Course Title	Credit
1	SRI-EL-571	Rural Housing for Home-stays	3
2	SRI-EL-572	Traditional and Heritage Architecture	3
3	SRI-EL-573	Rural Tourism Planning	3
4	SRI-EL-574	Energy and Climate change	3

Structural analysis and design

No.	Course Code	Course Title	Credit
1	SRI-EL-575	Design of Masonry Structures	3
2	SRI-EL-576	Design of Timber Structures	3
3	SRI-EL-577	Design of Bamboo Structures	3
4	SRI-EL-578	Advanced Structural Dynamics and Vibration Control	3
5	SRI-EL-579	Finite Element Modelling of Structures	3
6	SRI-EL-580	Applied Element Modelling of Structures	3
7	SRI-EL-581	Computer Methods for Structural Engineering	3
8	SRI-EL-582	Structural Identification and Health Monitoring	3
9	SRI-EL-583	Structural Evaluation and Retrofitting Methods for Existing Structures	3
10	SRI-EL-584	Earthquake and Wind Resistant Design	3
11	SRI-EL-585	Experimental Methods in Structural Engineering	3

Project/ Infrastructural management

No.	Course Code	Course Title	Credit
1	SRI-EL-586	Digital Tools and Technologies for Infrastructure Planning	3
2	SRI-EL-587	Project Management for Tourism Infrastructure	3

Attachment 2

Resource Persons

A. Organic Agriculture

No.	Name	Main Designation	Affiliation	MBUST Affiliation	Previous Affiliation
1	Dr. Bhushan Shrestha	Associate Professor, Program Coordinator	Madan Bhandari University of Science and Technology (MBUST)		
2	Dr. Anupama Shrestha	Assistant Professor	MBUST		
3	Dr. Rameshwar Rai			Visiting faculty member	
4	Dr. Sarbesh Das Dangol	Assistant Professor	MBUST		
5	Dr. Sabin Basi	Assistant Professor	MBUST		
6	Prof. Kentaro Hosaka	Curator, Mycology	National Museum of Nature and Sciences, Japan	Thesis Co-supervisor, Visiting Professor	
7	Prof. Park Duck Hwan	Professor		Thesis Co-supervisor, Visiting Professor	
8	Dr. Bhaneswar Pokharel		Organic Agriculture Expert and organic farm proprietor	Visiting Faculty Member, Co-supervisor	
9	Dr. Mahesh Kumar Adhikari		Mycology Expert	Thesis Supervisory Group (TSG) Expert	Member-Secretary, National Academy of

					Science and Technology
10	Dr. Hom Nath Giri			Visiting faculty, Co-supervisor	
11	Prof. Ananda Shova Tamrakar			Visiting Faculty and Co-Supervisor	Tribhuvan University
12	Dr. Hira Kaji Manandhar	Executive Chairperson	Nepal Plant Disease and Agro Associates Pvt. Ltd.	Chairperson, Advisory Group, Organic Agriculture Program, Visiting Faculty Member and Co-Supervisor	National Agricultural Research Council (NARC)
13	Dr. Samudra Lal Joshi			Visiting Faculty Member and Co-Supervisor	
14	Dr. Budhhi Ratna Khadge			Visiting Faculty Member and Co-Supervisor	
15	Prof. BYUNG-TAEK OH	Agronomy	Division of Biotechnology, College of Environmental & Bioresource Sciences Jeonbuk National University	Visiting Faculty and Co-Supervisor	
16	Prof. S. Kamalakannan	Environmental Microbiology and Biotechnology	Division of Biotechnology College of Environmental and Bioresource Sciences, Jeonbuk National	Visiting Faculty and Co-Supervisor	

			University – Iksan Campus		
17	Dr. Ni Luh Suriani	Biopesticide	Department of Biology, Mathematics and Natural Sciences, Udayana University, Bali, Indonesia	Visiting Faculty and Co-Supervisor	
18	Dr. James Canham	Genomics	Entrepreneur-In-Residence at The Sainsbury Laboratory, Norwich, getGenome	Visiting Faculty	
19	Dr. Surendra Lal Shrestha	Horticulturist		Visiting Faculty and Co-Supervisor	NARC
20	Dr. Balkrishna Ghimire	Assistant Professor	Agriculture Forestry University (AFU)	Visiting Faculty and Co-Supervision	
21	Dr. Mina Devkota	Senior Agronomist	ICARDA/Morocco	Visiting Faculty and Co-Supervision	
22	Dr. Shova Shrestha	Soil Scientist	Soil Division/ NARC	Co-Supervision	
23	Dr. Suchit P. Shrestha	Crop Modelling and Soil Scientist	Research Director, KARMA Group of industries	Co-Supervision	
23	Dr. Zahirul Mohammad Islam	Assistant Professor	Gacheon University, Korea	Visiting Faculty and Co-Supervision	
24	Dr. Shimeles Tilahun	Assistant Professor	Jimma University, Ethiopia	Visiting Faculty and External Expert	

B. Forest Biomaterials Science and Engineering

No.	Name	Main Designation	Affiliation	MBUST Affiliation	Previous Affiliation
1	Prof. Ning Yan	Full Professor	Department of Chemical Engineering and Applied Chemistry, University of Toronto, Canada	Forest Biomaterials Science and Engineering	
2	Prof. Hom Nath Dhakal	Full Professor	Professor of Mechanical Engineering, University of Portsmouth, UK. Director of the Portsmouth Centre for Advanced Materials and Manufacturing	Honorary Chair of Sustainable Biomaterials	
3	Dr. Bishnu Acharya	Associate Professor	Saskatchewan Ministry of Agriculture Chair in Bioprocess Engineering & Associate Professor Chemical and Biological Engineering, University of Saskatchewan, Canada	Honorary Visiting Professor	
4	Dr. Sabina Shrestha	Associate Professor	MBUST		Post-doctoral Fellow Kyung Hee University, S. Korea Post-doctoral Fellow Jeju National University, S. Korea
5	Dr. Sudip Pandey	Assistant Professor	MBUST		Post-doctoral fellow in university of Padova, Research fellow in WSL, Zurich, Switzerland

6	Dr. Saurabha Bhattarai	Assistant Professor	MBUST		Research Fellow, Nepal Academy of Science and Technology
7	Dr. Kishor Timsina	Assistant Professor	MBUST		Coordinator, National Society of Earthquake Technology-Nepal
8	Dr. Jhashanath Adhikari Subin	Post-doctoral Fellow	MBUST		Post-doctoral Fellow, Research Center for Applied Science and Technology, Tribhuvan University

C. Sustainable and Resilient Infrastructure

No.	Name	Main Designation	Affiliation	MBUST Affiliation	Previous Affiliation
1	Dr. Netra Chhetri	Professor	Arizona State University's School for the Future of Innovation in Society	Academic Council Member	
2	Dr. Neel Kamal Chapagain	Professor	Centre for Heritage Management, Ahmedabad University		
3	Dr. Kirti Kusum Joshi	Director	Institute of Applied Sciences, MBUST		Dean, Lumbini Technological University
4	Dr. Kishor Timsina	Assistant Professor	MBUST	Asst. Professor	Deputy Program Manager, National Society for Earthquake Technology Nepal
5	Mr. Rabi Jung Pandey			Visiting Professor	

6	Dr. Chaitanya Krishna Sudarshan	Assistant Professor	Asian Institute of Technology (AIT)	Thesis Supervisor	Project Assistant Professor, The University of Tokyo

D. Digital Technology (Artificial Intelligence)

No.	Name	Main Designation	Affiliation	MBUST Affiliation	Previous Affiliation
1	Prof. Suresh Manandhar		Wiseyak	Honorary Chair for Artificial Intelligence	Professor, University of York
2	Prof. Bishnu Prasad Gautam	Full Professor	Department of Applied Information Engineering, Suwa University of Science	Honorary Visiting Professor	
3	Dr. Ved Prasad Kafle, ,	Research Manager	National Institute of Information and Communications Technology, Japan; Visiting Professor, The University of Electro-Communications, Japan	Visiting Faculty	
4	Dr. Rajib Subba	Assistant Professor and Coordinator of DT Program	Digital Technology Program, MBUST		Adjunct Associate Professor, University of Agder, Norway and Visiting Faculty, Westcliff University, USA
5	Dr. Ritu Raj Lamsal	Assistant Professor	Digital Technology Program, MBUST		
6	Dr. Rijan Maharjan		Phutung Research Institute	Adjunct Assistant Professor	

7	Dr. Bhuwan Bhattarai			Visiting Faculty Member	
8	Dr. Manoj Acharya			Visiting Faculty Member	
9	Dr. Shree Krishna Acharya	Associate Lecturer (part-time)	CCT College, Ireland	Visiting Faculty Member	