



Prospectus for Admission into Postgraduate Programs

Website for Online Application: <http://www.buet.ac.bd/home/pgadmission>

A. The postgraduate degrees and diplomas offered by different Departments and Institutes for **October 2025** Semester are mentioned below.

1. Doctor of Philosophy (Ph.D.) Degree Offered by Departments/Institutes:

Departments/ Institutes	Degrees Offered
Dept. of Architecture	Doctor of Philosophy
Dept. of Chemical Engineering	Doctor of Philosophy
Dept. of Chemistry	Doctor of Philosophy
Dept. of Civil Engineering	Doctor of Philosophy
Dept. of Computer Science and Engineering	Doctor of Philosophy
Dept. of Electrical and Electronic Engineering	Doctor of Philosophy
Dept. of Industrial and Production Engineering	Doctor of Philosophy
Dept. of Mathematics	Doctor of Philosophy
Dept. of Mechanical Engineering	Doctor of Philosophy
Dept. of Materials and Metallurgical Engineering	Doctor of Philosophy
Dept. of Naval Architecture and Marine Engineering	Doctor of Philosophy
Dept. of Petroleum and Mineral Resources Engineering	Doctor of Philosophy
Dept. of Physics	Doctor of Philosophy
Dept. of Urban and Regional Planning	Doctor of Philosophy
Dept. of Water Resources Engineering	Doctor of Philosophy
Dept. of Nanomaterials and Ceramic Engineering	Doctor of Philosophy
Dept. of Biomedical Engineering	Doctor of Philosophy
Institute of Water and Flood Management	Doctor of Philosophy
Institute of Information and Communication Technology	Doctor of Philosophy

2. Master of Philosophy (M. Phil.) Degree Offered by Departments:

Departments	Degrees Offered
Dept. of Chemistry	Master of Philosophy in Chemistry
Dept. of Mathematics	Master of Philosophy in Mathematics
Dept. of Physics	Master of Philosophy in Physics

3. Master’s Degree Offered by Departments/Institutes:

Departments/ Institutes	Degrees Offered	Abbreviated as
Dept. of Architecture	Master of Architecture	M Arch
	Master of Science in Architecture	MS Arch
Dept. of Chemistry	Master of Science in Chemistry	M.Sc. (Chemistry)
Dept. of Mathematics	Master of Science in Mathematics	M.Sc. (Mathematics)
Dept. of Physics	Master of Science in Physics	M.Sc. (Physics)
Institute of Appropriate Technology (IAT)	Master of Science in Management of Technology	M.Sc. (MOT)
BUET-Japan Institute of Disaster Prevention and Urban Safety (JIDPUS)	Master of Science in Disaster Risk Reduction Engineering	M.Sc. Engg. (DRR)
	Master of Engineering in Disaster Risk Reduction Engineering	M.Engg. (DRR)
	Master of Science in Disaster Risk Reduction Science	M.Sc. (DRR)
Accident Research Institute (ARI)	Master in Transportation Safety Engineering	M. Engg. (TS)

4. Post Graduate Diploma Offered by Institute

Institute	Degrees Offered
Institute of Information and Communication Technology (IICT)	Postgraduate Diploma in Business IT

B. Admission Requirements for Doctor of Philosophy (Ph.D.) Degree:

For admission to the courses leading to a Ph.D. degree an applicant

- a) must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S.S.C. and H.S.C. or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.
- b) must have at least 50% marks or a minimum GPA of 2.50 out of 4.00 or its equivalent in B.Sc. Engg./ four-year B.A. or B.Sc. or B.S. degree/ M.A. or M. Sc. or M. S. or MSS degree/ B Arch/ BURP in the relevant branch.
- c) must have a minimum GPA of 2.75 out of 4.00 or its equivalent in M.Sc. Engg./ M.Engg./ M.Phil/ MURP/ M Arch/ M.Sc.(WRD)/MBA/ M.Sc. (Thesis) / M.S. (Thesis) degree in the relevant branch.

Specific requirements for different Departments and Institutes are spelt out in the following sections.

- For engineering, the minimum qualification for admission shall normally be an M.Sc. Engg./ M.Engg. degree in the appropriate branch of engineering or its equivalent from any recognized Institution.
- For Advanced Engineering Management (AEM) in IPE department, the minimum qualification for admission shall normally be an M.Sc. Engg. /M. Engg. in IPE/AEM or its equivalent from a recognized Institution or MBA degree or its equivalent from a public university.
- For Materials and Metallurgical Engineering, applicants having an M. Phil. in Materials Science or its equivalent from a recognized Institution may also be eligible for admission.
- For Urban and Regional Planning, a) the minimum qualification for admission shall normally be an MURP degree or its equivalent from any recognized Institution. b) Students who have BURP degree having master's in a relevant discipline from a recognized university. c) Students who do not have a BURP degree but have a master's degree in the field of Architecture/Engineering/Economics/ Geography/Environment/Disaster Management/Social Science/Mathematics/Statistics/Data Science or its equivalent from any recognized institution.
- For Architecture, the minimum qualification for admission shall normally be an M Arch/MS Arch degree or its equivalent from any recognized Institution.
- For Chemistry, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three- semester M.Sc./ M.S. degree with thesis / four-year Bachelor's degree plus two semester M.Sc./M.S. with thesis /M. Phil. degree in Chemistry/ Applied Chemistry / Biochemistry / Pharmacy / Food and Nutrition or its equivalent from any recognized Institution.

OR

M.Sc..Engg. in Chemical / Materials and Metallurgical/ Electrical and Electronic / Mechanical / Civil/Environmental / Textile Engineering.

A candidate enrolled in the Ph.D program having two semester M.Sc./M.S. degree with thesis have to complete additional courses of 12 Credit Hours with minimum GPA of 2.75 out of 4.

- For Mathematics, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three semester M. Sc./M. S. degree with thesis/ four year Bachelor's degree plus two semester M.Sc./M.S. degree with thesis/ M. Phil. degree in Mathematics/Applied Mathematics or its equivalent from any recognized Institution.

OR

M.Sc. Engg. degree provided he/she completes some prerequisite courses in Mathematics as determined by a Selection Committee.

A candidate enrolled in the Ph. D. program having two semester M. Sc./M. S. degree with thesis have to complete additional courses of 12 credit hours with minimum GPA of 2.75 out of 4.

- For Physics, the minimum qualification for admission shall normally be a four-year Bachelor's degree plus three-semester M.Sc. or M.S. degree with thesis / four-year Bachelor's degree plus two-semester M.Sc. or M.S. degree with thesis / M. Phil. degree in Physics or its equivalent from any recognized institution.

OR

M.Sc. Engg. degree in Electrical & Electronic/ Materials & Metallurgical Engineering or its equivalent.

A candidate enrolled in the Ph.D. program having two-semester M.Sc. / M.S. degree with thesis in Physics have to complete additional courses of 12 credit hours with minimum GPA of 2.75 out of 4.00.

- For Glass and Ceramic Engineering, applicants having an M.Sc. in Glass and Ceramic Science (GCS), Material Science with a duration of at least 3 semesters (Eighteen months), or its equivalent from a recognized institution may also be eligible for admission.
- For Water Resources Engineering, the minimum qualification for admission shall normally be an M.Sc. Engg./M.Engg. degree in Civil Engineering/Water Resources Engineering / Environmental Engineering / Agricultural Engineering or M. Sc.degree in Water Resource Development or its equivalent from any recognized Institution.

- For Institute of Water and Flood Management, under Water Resources Development (WRD) division, the minimum qualification for admission shall normally be an M.Sc. Engg./M. Engg. degree in Civil Engineering/ Water Resources Engineering/ Environmental Engineering/ Agricultural Engineering or M. Sc. degree in Water Resource Development or its equivalent from any recognized institution;
Under Humanitarian Engineering (HE) division, the minimum qualification for admission shall normally be an M.Sc. Engg./M. Engg. degree in Civil Engineering/ Water Resources Engineering/ Environmental Engineering/ Agricultural Engineering/ Humanitarian Engineering or its equivalent from any recognized institution; and
Under Climate Modeling and Risk Management (CMRM) division, the minimum qualification for admission shall normally be an M.Sc. Engg./M. Engg. degree in Civil Engineering/ Water Resources Engineering/ Environmental Engineering/ Agricultural Engineering or M. Sc. degree in Climate Modeling and Risk Management or its equivalent from any recognized institution.
- For Biomedical Engineering, an applicant with M.Sc.Engg/M.Engg. degree in other branches of engineering may also be eligible for admission. In such cases, the selected candidate may be required to undertake non-credit prerequisite courses at the undergraduate and / or postgraduate level as may be determined by the BPGS of Biomedical Engineering (BME) department.
- For Computer Science and Engineering,
 - (a) Under Cyber Security division, there are two groups who will be eligible for admission.
 1. [Group A] Master's degree in Cyber Security or Computer Science and Engineering (CSE) or Electrical and Electronic Engineering (EEE) or Computer Science (CS) or Computer Engineering (CE) or Electrical and Computer Engineering (ECE) or equivalent field.
 2. [Group B] Master's degree in any other engineering or mathematical science or natural science or business information systems or related field.
 - (b) Under Data Science division, an applicant must have Master's degree in Computer Science and Engineering (CSE) or Electrical and Electronic Engineering (EEE) or Computer Science (CS) or Computer Engineering (CE) or Electrical and Computer Engineering (ECE) or Data Science or related field, or Master in other engineering or mathematical science or natural science or business information systems or related field.
 - (c) Under Computing division, there are two groups who will be eligible for admission.
 1. [Group A] Master's degree in Computer Science and Engineering (CSE) or Electrical and Electronic Engineering (EEE) or Computer Science (CS) or Computing or Computer Engineering (CE) or Electrical and Computer Engineering (ECE) or equivalent field.
 2. [Group B] Master's degree in any engineering field other than mentioned in Group A above.
 - (d) Under Artificial Intelligence and Machine Learning division, an applicant must have Master of Science in Artificial Intelligence and Machine Learning or Master of Science in Computer Science and Engineering (CSE) or Electrical and Electronic Engineering (EEE) or relevant fields.
- For Institute of Information and Communication Technology, a candidate
 1. must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in S.S.C. and H.S.C. or in equivalent examinations.
 2. must have a Bachelor's degree in Computer Science and Engineering or Computer Engineering or Computer Science or Information Technology or Information and Communication Technology or Electrical and Electronic Engineering or equivalent degree having at least 50% marks or minimum GPA of 2.5 out of 4.0 or its equivalent from and recognized university.
 3. must have an M.Sc. Engg./M.Engg./M.Sc. degree in Computer Science and Engineering or Computer Engineering or Computer Science or Information Technology or Information and Communication Technology or Electrical and Electronic Engineering or equivalent degree having at least minimum GPA of 2.75 out of 4.0 or its equivalent from any recognized university.
- A student already working for an M.Sc. Engg./ M.Phil/ M.Sc./ MS/ MURP/ M Arch, MS Arch/ M.Sc.(WRD)/ degree at this University and showing excellent progress and promise in thesis work may be provisionally transferred to the Ph.D. degree program after completion of M.Sc. Engg./ M.Phil./ M.Sc / MS/ MURP/ M Arch/ M.Sc.(WRD)/ M.Sc. Engg (HE)/M.Sc. (CMRM) course work with a minimum GPA of 3.00 out of 4.00 on approval of the Committee for Advanced Studies and Research (CASR) on the recommendation of the relevant Board of Post Graduate Studies (BPGS)/Research and Academic Committee (RAC).

C. Admission Requirements for Master of Philosophy (M.Phil.) Degree:

For admission to the courses leading to a M. Phil degree an applicant

- a) must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S.S.C. and H.S.C. or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.

- b) must have at least 50% marks or a minimum GPA of 2.50 out of 4.00 or its equivalent in B.Sc. Engg./ four-year B.A. or B.Sc. degree/ M.A. or M. Sc. or MSS degree in the relevant branch.
- c) Specific requirements for different departments are spelt out in the following sections:
 - For admission to the course leading to the award of M. Phil degree in Chemistry, an applicant must have obtained a four-year B. A/ B.Sc. degree (or equivalent) or M. Sc. degree with Honors in Chemistry (Organic, Physical, Inorganic) or Applied Chemistry or B.Sc. Engineering degree in Chemical/ Mechanical/ Electrical and Electronic/ Materials and Metallurgical Engineering. An applicant with M. Sc. degree but not having a Bachelor (honors) degree in Chemistry or Applied Chemistry should have a first class (or equivalent) in the M. Sc. degree.
 - For admission to the course leading to the award of M. Phil. degree in Mathematics, an applicant must have obtained a four-year B.A/ B.Sc. degree or M.A./ M.Sc. degree with Honors in Mathematics or Applied Mathematics. Applicants with M.Sc. degree in Physics or B.Sc. Engineering degree are also eligible provided they complete some prerequisite courses in Mathematics as determined by a Selection Committee. An applicant with M.A./ M. Sc. but not having a Bachelor (honors) degree in mathematics, applied mathematics or physics should have a first class (or equivalent) in the M.A./ M. Sc. degree.
 - For admission to the course leading to the award of M. Phil degree in Physics, an applicant must have a four-year B. A/ B.Sc. degree (or equivalent) with Honors or M.Sc. degree in Physics or applied Physics or B.Sc. Engineering in Electrical and Electronic/ Materials and Metallurgical Engineering. An applicant with M. Sc. degree (or equivalent) but not having a Bachelor (honors) degree in Physics or applied Physics should have a first class (or equivalent) in the M. Sc degree.

D. Admission Requirements for Master's Degree Programs [M.Sc. Engg./M. Engg./M.Sc./ M Arch/ MS Arch]

For admission to the courses leading to a Master's degree (M.Sc. Engg./M.Engg./M.Sc.) an applicant

- a) must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in any one of S.S.C. and H.S.C. or in equivalent examinations and must not have a GPA less than 2.00 out of 5.00 or a third division or equivalent in any of the aforementioned examinations.
- b) must have at least 50% marks or a minimum GPA of 2.50 out of 4.00 or its equivalent in four years B.A./B.S./B.Sc. (Hons.)/B.Sc. Engg./B.Tech./MA or M. Sc. or MSS/ B Arch./BURP in the relevant branch.
- c) Specific requirements for different departments and institutes are spelt out in the following section
 - For admission to the courses leading to the degree of M.Sc. in Management of Technology, an applicant must pass from a recognized university with any of the following degrees having at least 50 percent marks or a minimum GPA of 2.50 out of 4.00
Four years Bachelor Degree or Post-graduate Degree in Engineering/Technology, Urban & Regional Planning (URP), Agricultural Sciences, Physical Sciences (Physics and Chemistry), Bio-Science, Computer Sciences, Environmental Sciences, Soil Sciences, Forestry, Architecture (5 years bachelor degree) or its equivalent.
 - For admission to the courses leading to the degree of M Arch/MS Arch an applicant must have obtained a B Arch degree or its equivalent degree from any recognized institution.
 - For admission to the courses leading to the degree of M.Sc. (Chemistry), an applicant must have a four years B.S/B.Sc. (Hons.) degree in Chemistry having a minimum GPA of 2.5 out of 4 or at least 50% marks of its equivalent from any recognized university.
 - For admission to the courses leading to the degree of M.Sc. (Mathematics), an applicant must have a four years Bachelor's degree with honours in Mathematics or Applied Mathematics. Applicants with four years Bachelor's degree with honours in Physics/Statistics or applicants with B.Sc. Engineering degree are also eligible provided they complete some prerequisite courses in Mathematics as determined by a Selection committee. Applicants must have a minimum GPA of 2.5 out of 4 or at least 50% marks or its equivalent from any recognized university.
 - For admission to the courses leading to the degree of M.Sc. Engg. in Disaster Risk Reduction Engineering/ M. Engg. in Disaster Risk Reduction Engineering, an applicant must have a Bachelor's degree in Civil Engineering/Water Resources Engineering or its Equivalent having a minimum GPA of 2.5 out of 4.0 or its equivalent from any recognized university.
 - For admission to the course leading to the degree of M.Sc. in Disaster Risk Reduction Science an applicant must have a four-years Bachelor's degree or a Master's degree with Honours in Urban & Regional Planning/Environmental Science/ Geology/Geography/ Disaster Management/Disaster Science/ Water Resources Development/ Architecture (5 years Bachelor's degree) or its equivalent from any recognized university.

- For admission to the courses leading to M.Sc. in Physics, an applicant must have at least 50% marks or a minimum GPA of 2.50 out of 4.0 or its equivalent in four years B.A/B.S/B.Sc.(Hons.) in Physics/Applied Physics, Electronics and Communication Engineering, or B.Sc. Engg. in Electrical & Electronic Engineering/Materials & Metallurgical Engineering or in a relevant discipline.

OR

Having three years BA/BS/B.Sc. (Hons.) in Physics/Applied Physics, Electronics and Communication Engineering, or in a relevant discipline must have at least 50% marks or a minimum GPA of 2.50 out of 4.0 or its equivalent in M.A./M.S/M.Sc in Physics or in a relevant discipline.

- For admission to the courses leading to the degree of Master in Transportation Safety Engineering [M. Engg. (TS)] an applicant must have either B.Sc Engineering Degree in Civil (CE)/Mechanical (ME)/ Computer Science and engineering (CSE)/ Electrical and Electronics Engineering (EEE)/Naval Architecture and Marine Engineering (NAME)/Water Resources Engineering (WRE)/Biomedical Engineering (BME) and/or equivalent degree from any recognized reputed institution.

E. Admission Requirements for Postgraduate Diploma in Business IT

For admission to the courses leading to a PG. Diploma in Business IT, an applicant

- a) must have four-year B.Sc. in Mathematics, Physics, Statistics, or Equivalent/BBA, or equivalent degree from any recognized university.
- b) must have a minimum GPA of 3.50 out of 5.00 or a first division or equivalent in S.S.C and H.S.C or in equivalent examinations
- c) must have at least 50% marks or a minimum GPA of 2.50 out of 4.0 or its equivalent in four-year Bachelor degree.

F. Submission of Application

Thank you for your interest in the Postgraduate Programs of BUET. Application for **October 2025** Semester intake will be received within the period from **25.04.2026 (3 P.M) to 02.05.2026 (Until 11:59 P.M.) and last date of application fee submission is 03.05.2026**. Please read through the steps and notes carefully before filling in the online Application Form.

Step 1: Submission of Online Application

An applicant must fill in electronically the information related to admission (Desired Program, Status of Studentship, etc.), his/her personal information (Name, Father's Name, Mother's Name, Date of Birth, Addresses, Gender, Nationality, etc.), his/her academic information, his/her experience (if any), names and addresses of two referees.

To upload your digital photograph, simply locate your image file by clicking the Browse button. The photograph to be submitted online should be in any of the .JPG, .JPEG, .GIF, .PNG, or .BMP formats, although .JPG format is preferred. Most digital cameras and scanners on the market today utilize this format. If you are in doubt, submit the photo and you will receive a notice if it does not meet the necessary criteria.

After filling in all necessary data in the online Application Form on the website, the applicant must electronically submit the Form attached the following documents:

- i. Attach copies of certificates of all public examinations.
- ii. Attach copies of transcripts/ grade-sheets/ mark-sheets of all public examinations.
- iii. Attach copies of testimonial/ character certificate from the institution last attended.
- iv. No Objection Certificate (NOC)/Letter of Consent, in prescribed form, from the employer for applicants in part-time or full-time employment.

Step 2: Payment of Application Fee

- Non-refundable application fee of Tk. 500/- (Five Hundred only) must be paid by online methods described on the postgraduate admission section of BUET website. The applicant has to bear the online charges to pay the application fee (Tk-500/-).

Step 3: Submission of the Complete Application

An applicant has to complete application Form as described in Step 1 attached with all necessary supporting documents and Payment of Application Fee as described in Step 2. The complete application must be submitted through online by **02.05.2026 and payment by 03.05.2026**. Failure to submit the same will result in cancellation of your online submission.

G. Other Important Notes to Applicants

- If you experience technical difficulty while applying online, please email to pgadmission@iict.buet.ac.bd. For other questions about applying for graduate study at a department/ institute of BUET, please contact the respective department/ institute.
- This Prospectus is also available at postgraduate admission section of BUET website.

- Applicants in employment must apply through their employers for both part-time and full-time enrollments.
- ***Incomplete applications will not be accepted.***
- ***Applications submitted by mail will not be accepted.***
- Selection of candidates for admission into a graduate program is performed by respective department/ institute. The selection procedure may vary from one department to another. Candidates are advised to contact the respective department/ institute for information regarding the selection procedure.
- A few Teaching Assistantships/ Fellowships may be awarded to suitable full-time students.
- Degrees obtained from institutions other than BUET will be subjected to equivalence by appropriate authority of BUET before a candidate is finally selected for admission to a degree/diploma program.
- The schedule regarding postgraduate admission may change due to any situation. Updated information will be available on the postgraduate admission section of BUET website.

Sd/-
Registrar