



## DEPARTMENT OF BIOMEDICAL ENGINEERING

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### Postgraduate Admission Notice (M.Sc./M.Engg./Ph.D.)

Postgraduate Admission, October 2024

Date: April 12, 2025

All applicants for admission into the postgraduate programs of the BME Department are informed that the admission procedure will be held according to the following schedule.

- Admission of an applicant into a postgraduate program of this department is subject to the admission test, performance in the interview, submission of required documents, verification of original documents, and equivalence of degrees.
- The admission test will be held in person at the Department of Biomedical Engineering. The admission test syllabus will be based on the undergraduate course BME 101: Introduction to Biomedical Engineering\* offered at BME, BUET.
- A certain number of candidates with satisfactory performance in the admission test will be invited for an interview/viva.
- The Admission Committee has the right to refuse admission to any student who does not comply with the admission test guideline or where evidence exists that the applicant has adopted unfair means during the exam.
- For any event, situation, or circumstance not mentioned in this document, the decision of the Admission Committee shall be final and binding to all concerned.
- The applicants are advised that all further information will be available here: <https://bme.buet.ac.bd/admission/>. Please continuously check the admission website for further updates.

#	Task	Date and Time
1	List of eligible M.Sc./M.Engg./Ph.D. candidates for admission test/interview will be published	April 23, 2025, Wednesday Before 5:00 PM
2	Admission Test for all M.Sc./M.Engg. applicants	April 26, 2025, Saturday 10:00 - 11:15 AM
3	Publishing the list of shortlisted applicants for viva/interview	April 26, 2025, Saturday Before 5:00 PM
4	Viva/interview of shortlisted M.Sc./M.Engg./Ph.D. applicants. Bring all your original certificates/transcripts	April 28, 2025, Monday 2:00 - 3:00 PM
5	Publishing a list of provisionally selected M.Sc./M.Engg./Ph.D applicants	April 30, 2025, Wednesday Before 5:00 PM
6	Publishing the lists of finally selected applicants for admission	May 5, 2025, Monday Before 5:00 PM
7	Registration starts	May 13, 2025, Tuesday

8	Orientation	May 24, 2025, Saturday 4:00 - 5:00 PM
9	Classes start	May 24, 2025, Saturday

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**Dr. Taufiq Hasan**

Professor

Chair, Postgraduate Admission Committee

Department of Biomedical Engineering, BUET

\*The course contents of BME 101 are provided below:

Introduction to Biomedical Engineering and Careers in Biomedical Engineering; Human Biology: Chemical basis of Life, Brief Introduction to Human anatomy and physiology. Biomechanics: Introduction to Biomechanics: Force, Moments and Couples system; MusculoSkeletal systems, Structures: Methods of Joints; Bio-materials and its interaction with tissue; Introduction to present-day medical measurements and relevant imaging and non imaging instruments; Biosensors: sensors for monitoring patients, Non-invasive biosensors for measuring metabolism and biophysical transport; The molecular biology and genetics starting with the chemistry and interactions of the key molecules of life: DNA, RNA, and protein; Computational biology: Algorithms for Biomedical/clinical data analysis for diagnostic, predictive, or prognostic purposes.