

Jadavpur University
Faculty of Engineering & Technology
Admission Requirement for the International Students to the
Post Graduate Courses

Minimum Qualification:

1. A person holding the nationality of a country other than India and holding a valid passport of the country for the entire duration of the course.
2. Candidates must have obtained Bachelor's degree in Engineering/Technology/Pharmacy with at least average Grade point 8.75 (80%)
3. Should have a valid GRE score.
 - a. Verbal Reasoning score is required, at least 500;
 - b. Quantitative Reasoning score is required, at least 500;
 - c. An Analytical Writing score is required, at least 4;
4. The minimum age should not be less than 21 years and the age should not be more than 30 years as on 1st July of the year of application.
5. Should have obtained a valid score in English Language Qualifying Examination such as (i) International English Language Testing System (IELTS) or (ii) Test of English as Foreign Language (TOEFL) for students whose medium of Instruction is not English.
 - i. International English Language Testing System (IELTS)-Academic version-minimum score of 6.5 is required.
 - ii. Test of English as Foreign Language (TOEFL)
 - a) Paper-based TOEFL: a minimum score of 560 is required.
 - b) Computer-based TOEFL: a minimum score of 220 is required.
 - c) Internet-based TOEFL: a minimum score of 80 is required.
6. Certificate from the Head of the Institution of the Institute last attended showing the accreditation of the Institute from which the candidate obtained his/her Bachelor Degree.
7. A written document of 300 words approximately has to be submitted by the applicant stating the reason(s) for asking admission in Jadavpur University, India and the purpose of study.

• **Course Specific Minimum Qualifications:**

Department offering	Name of the Course	Fields of Specialization	of Bachelor's degree required in
1)Chemical Engineering	Chemical Engineering	----	Chemical Engineering / Food Tech. & Bio-Chemical Engg. / Mechanical Engg. / Metallurgical & Material Engg.
	Bioprocess Engineering	----	Chemical Engineering / Food Tech. & Bio-Chemical Engg. Or Biotechnology
2)Civil Engineering	Civil Engineering	(a) Structural Engg. (b) Soil Mechanics and Foundation Engineering	(a) & (b) – Civil Engg. / Construction Engg. (c) Civil Engg/ Chemical Engg./

		(c) Environmental Engg.	Food Tech. & Bio-Chemical Engg./ Construction ENgg. / Environmental Engg.
3) Computer Science & Engineering	Computer Science & Engineering	----	Computer Science & Engineering
4) Electrical Engineering	Electrical Engineering	(a) Electrical Power (b) Electrical Machines (c) High Voltage Engg. (d) Control Systems (e) Electrical Measurement & Instrumentation	(a) Electrical Engg. / Power Engg. (b) Electrical Engg. / Power Engg. (c) Electrical Engg. / Power Engg. / Electronics & Tele-Communications Engg. (d) Electrical Engg. / Instrumentation & Electronics Engg. / Electronics & Tele-Communications Engg. (e) – do --
	Control Systems Engineering	----	Electrical Engg./ Mechanical Engg./ Instrumentation Engg./ Electronics & Tele-Communications Engg./ Aeronautical Engg. OR their equivalent
	Illumination Engineering	----	Electrical Engg./ Electronics & Tele-Communications Engg./ Aeronautical Engg. or, their equivalent
5) Electronics & Tele-Communications Engineering	Electronics & Tele-Communications Engineering	a) Control Engg. b) Electronic Devices c) Microwave Engg. d) Computer Engg. e) Communication Engg.	Electronics & Tele-Communications Engineering (for all specializations) Instrumentation and Electronics Engg. (can apply for all specializations except Microwave Engg. & Communication Engg.)
6) Mechanical Engineering	Mechanical Engineering	a) Heat Power Engg. b) Machine Design	a) Mechanical / Power Engg. / Chemical / Aerospace (Aeronautical) Engg. b) Mechanical / Production Engg. / Aerospace (Aeronautical) Engg./ Applied Mechanics & Aerospace Engg. / Power Engg./ Automobile Engg./ Civil Engg./

		c) Applied Mechanics d) Production Engg. e) Fluid & Hydraulic Engg.	Metallurgical Engg. c) Mechanical / Civil / Electrical / Chemical / Production Engg./ Aerospace (Aeronautical) Engg. d) Mechanical / Production Engg. e) Mechanical / Power Engg. / Chemical / Civil / Aerospace (Aeronautical) Engg.
	Automobile Engg.		Mechanical / Automobile Engg. Or equivalent
7) Metallurgical & Material Engg.	Metallurgical Engg.	Industrial Metallurgy	Metallurgical Engg. / Mechanical Engg./ Production Engg./ Ceramic Technology or Engg./ Chemical Engg./ Material Engg.
	Material Engg.	----	Metallurgical Engg. / Mechanical Engg./ Production Engg./ Ceramic Technology or Engg./ Chemical Engg./ Material Engg./ Electrical Engg.
8) Pharmaceutical Technology	Pharmacy	Pharmaceutics Pharmacology Pharmacognosy Pharmaceutical Chemistry	Pharmacy
9) Production Engg.	Production Engg.	Production Technology Production Management	Production Engg./ Mechanical Engg./ Industrial Engg. & Management /Manufacturing Science
10) Information Technology	Software Engg.	----	BE/BTech in Computer Science & Engg./ Information Technology/ Electronics & Tele-Communications Engineering
11) Food Technology & Bio-Chemical Engg.	Food Technology & Bio-Chemical Engg.	----	Food Technology & Bio-Chemical Engg. / Food Technology / Biochemical Engg./ Chemical Engg.
12) Instrumentation and Electronics Engg.	Instrumentation and Electronics Engg.	----	Instrumentation and Electronics Engg. Or equivalent / Electronics and Tele Communications Engg. Or equivalent / Electrical Engg. Or

			equivalent / Electrical & Electronics Engg.
13) Power Engg.	Power Engg.	----	Power Engg./ Electrical Engg./ Mechanical Engg./ Instrumentation Engg.
14) Printing Engg.	Printing Engg. & Graphic Communication	----	BE/BTech in any discipline

• **Procedure:**

1. The application should contain the following documents:

- a) Photo copy of the Grade Card / Mark-sheet and Certificate for Bachelor of Engineering Examination.
- b) Photocopy of the document showing the Preliminary and Advance GRE score.
- c) Photocopy of the document showing the IELTS or TOEFL score.
- e) Recommendation of two responsible persons (in the prescribed form) preferably from the Head of the Institution/ Teacher attended last by the applicant.
- f) One Passport size photographs.
- g) Photocopy of the first two pages and last page of his/her passport.

2. The application from duly filled in sealed envelope along with recommendation letter and a bankers draft of US \$ 50 or equivalent in **favour of 'Jadavpur University' payable at Kolkata, India**, should reach by post to the International Students Advisor, Jadavpur University at the following address:

Dr. Sanjay Gopal Sarkar
 Joint Registrar &
 International Students Advisor
 Jadavpur University
 Aurobindo Bhavan
 188 Raja S.C. Mallik Road
 Kolkata 700 032, India
 Email: isa@jadavpuruniversity.in
 Phone: 91 33-2457-2298/2633

N.B.: In case of fees to be deposited in Indian Rupee (Rs.), fixed conversion rate i.e. US \$1= 70/- be followed.