

Information Brochure for Institute Spot Round 2024 after CCMN admission process



Admission to M.Sc. Program Academic Session 2024-25



Indian Institute of Engineering Science and Technology, Shibpur
Howrah 711 103, West Bengal, India

1. Important Guidelines for M. Sc. Application

Applications are invited from candidates having for admission to the full-time two-year (four semesters) M. Sc. Program of this Institute for the academic session 2024-25 for Institute Spot Round (ISR) after completion of CCMN admission process under following category:

- Group-A: JAM qualified candidates: Candidates fulfilling eligibility criteria and securing valid JAM score i.e. JAM score more than or equal to the qualifying (cut-off) marks are eligible for direct admissions in the respective programs. In the merit list, preference will be given to candidates with valid JAM score.
- Group-B: Non-JAM candidates: Candidates who fulfill eligibility criteria but not having qualified JAM score or did not appear for the JAM examination are considered under this category. They have to appear for written test/and or interview.

The candidates are advised to read each and every instruction given in this Information Brochure carefully before applying ONLINE. Applicants are required to apply online only (through Google form).

Non-refundable application fee is Rs.1000/- for OC/OBC(NCL)/EWS and Rs.500/- for SC/ST/PwD candidates.

For online payment of application fee, Bank details are given below:

ACCOUNT NAME: IEST, SHIBPUR-STUDENTS FEE	
Bank Name: UCO Bank	Branch name: BESU
Branch MICR No.: 700028178	IFS Code: UCBA0002369
Account Type: Savings Account	Account Number: 23690110000489

- 1.1 IEST, Shibpur shall not be responsible for wrong entries and technical error(s) while making the online application.
- 1.2 If selected, all the original documents will be verified during physical reporting for admission. If anything found wrong, applicant's admission shall stand canceled.

2. The Institute

Indian Institute of Engineering Science and Technology, Shibpur (IEST, Shibpur) started its journey in 1856 as CALCUTTA CIVIL ENGINEERING COLLEGE and emerged as a premier engineering college in the pre-independence India. It was renamed as BENGAL ENGINEERING COLLEGE, SHIBPUR in 1920. The College received the status of a DEEMED UNIVERSITY in 1993 and was subsequently transformed to BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR in 2004. The institute has been upgraded to an INSTITUTE OF NATIONAL IMPORTANCE by the amendment of NITSER Act of the Parliament in 2014 and renamed as INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR. The Institute has fifteen departments of Engineering, Architecture, Science, and Humanities & Social Science disciplines. In addition, it has five Schools and two Centres dedicated for imparting education and conducting research in interdisciplinary fields.

3. The Institute Campus and Other Facilities

The Institute has a beautiful green campus covering an area of about 49 hectares situated on the bank of the river Hooghly. It is located next to the AJC Bose Indian Botanical Garden and opposite to the Kolkata Port. The campus has a number of academic and administrative buildings, library, accommodations for staffs and students, guest house, auditorium, swimming pool, students' amenities, banks, school, hospitals and general services.



Main Academic and Acharya SN Bose Building

The four-storied Main Academic Building accommodates most of the engineering departments, Department of Human Resources Management, Office of the Dean (Academics) and Office of the Deputy Registrar (Academics). The eight-storied Acharya S N Bose Building accommodates science departments, architecture, and various centers and schools. SOCSAT is located inside a heritage building. Offices of the Director, Deans, Registrar, and other administrative offices are also located in the eight-storied building.



Main Academic Building

3.1 Central Facilities

3.1.1 Library

The Institute has a separate library building which is kept open from 9 AM to midnight. The library provides online search facilities (OPAC) of its database from any computer connected to the Internet and also from the computers in the library dedicated for the users. Currently, the library has more than 1.4 lakhs text and reference books, and 40,000 bound volumes of journals. It also has a huge collection of documents including patents, standards, technical reports and pamphlets. The library possesses a good collection of old and rare books and journals of the nineteenth century. The library is a member of the Indian National Digital Library in Engineering Science and Technology (INDEST) and UGC-INFONET Digital Library Consortium of Information and Library Network (INFLIBNET) Centre and provides online access to full text of journals including American Society of Civil Engineers (ASCE), American Society of Mechanical Engineers (ASME), Economic and Political Weekly, IEEE /IIEE Electronic Library (IEL Online), ISID, JCCC@INFLIBNET, JSTOR, Science Direct, Springer Link and many others. It subscribes a large volume of e-books. The library also has different software which helps the students to write papers and reports in correct English with the plagiarism checking.



Ramanujan Library

3.1.2 Computer Centre

All departments, schools and centres of the Institute have computing facilities for their students. In addition, there is a Central Computer Centre which provides computing facilities for undergraduate and post-graduate courses and research works. The Computer Centre along with the departments, schools, centers, offices and hostels are connected to a campus wide fibre optic network. The entire campus including the hostels is Wi-Fi enabled.

3.1.3 Workshop

The Workshop Complex has nine engineering workshops including Carpentry, Smithy, Welding and Painting, Fitting, Machine, Foundry and Pattern, Boiler, Electric, Automobile, and Project Model to offer workshop practice.



Workshop Building

3.2 Health Service

The Institute has a Health Unit with Medical Officers and other supporting staff to serve the Primary medical needs of the campus inmates. It provides 24hours' ambulance service. The Unit has an ID Ward to effectively isolate students suffering from infectious diseases. However, for serious cases the patients are referred to suitable city hospital.

3.3 Hostel Accommodation

Hostel accommodation is not guaranteed. It may be provided as per norms of the institute, subject to availability.

3.4 Students Amenities

Office of the Dean of Students Welfare facilitates all students to use different facilities available at the campus. The students of this Institute are encouraged to participate in sports and games, various cultural activities like music, photography, dramatics, paintings, model making, creative writing, debating, as well as to explore innovation and incubation of business plans, etc. All students are encouraged to participate in games or some form of physical training. The students are advised to join the athletics Club and at least one of the societies in the Students' Activity Centre. The campus has the following amenities for the students.

- Centre for Creative Expressions with different hobby clubs
- R. N. Banerjee Student Recreation Centre
- Institute Hall: A Multipurpose Auditorium

- Gymnasium
- Oval and Lords - Two sports grounds
- Swimming Pool
- Alpona Banerjee Memorial Centre for Innovation
- Basketball court
- Student canteens /cafeteria as well as food kiosks
- Tagore Green Business Incubation Centre.

4. Four Semester M. Sc. Program

The Institute is offering four-semester postgraduate programmes leading to Master of Science (M.Sc.) degree. These programs are offered by the following four Departments and one School:

- Chemistry
- Earth Sciences
- Mathematics
- Physics
- School of Community Science and Technology (SOCSAT)

M. Sc. Admission

Candidates seeking admission to M.Sc. programs are advised to register through the Google form link: <https://forms.gle/mzPssKSdkx3rLKnV9>

4.1 Seat Reservation

The Institute will follow the reservation policies of the Ministry of Education, Govt. of India. Certificate for EWS/OBC(NCL)/SC/ST/ Person with Disability (PwD) will be as per Govt. of India Rules.

4.2 Seat Matrix

The numbers of seats available in the four science departments and SOCSAT for different social and economic categories are enumerated below.

Program Name	OPEN	OPEN-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	OBC	OBC-PwD
M.Sc. in Chemistry	2	0	0	0	0	0	3	0	0	0
M.Sc. in Food Processing and Nutrition Science	2	0	1	1	4	0	1	0	6	1
M.Sc. in Applied Geology	0	0	0	0	1	0	0	0	10	0
M.Sc. in Applied Mathematics	0	0	4	0	0	0	2	0	2	0
M.Sc. in Physics	2	0	0	0	2	0	4	0	0	0

Note: In absence of any applicant from PwD category, the seat reserved for PwD category will be filled by the candidate(s) who belong to the same category (without PwD).

4.3 Essential qualifications:

- Minimum 60% marks (or CGPA 6.5 on a 10-point scale) for Gen/EWS/OBC-NCL and 55% marks (or CGPA 6.0 on a 10-point scale) for SC/ST/PwD in the qualifying degree (as per CCMN 2024 eligibility for qualifying degree and JAM paper mapping).
- Valid JAM score (for candidates applying under JAM qualified candidates category)

Qualifying Degrees and Special eligibility:

Program Name	Name of the Dept./School	Eligible JAM Paper Code	Qualifying Degrees and Special eligibility criteria
M. Sc. in Chemistry	Chemistry	CY	B. Sc. Honours/B.Sc./B.S. with 1. Chemistry as one of the subjects in 6 semesters/3 years in UG level 2. Mathematics for any 2 semesters/1 year in UG level. 3. Physics for any 2 semesters/1 year in UG level.
M. Sc. in Applied Geology	Earth Science	GG	B. Sc. Honours/B.Sc./B.S. with Geology/Applied Geology/Geological Science/Earth Science related subjects for 6 semesters/3 years in UG level.
M. Sc. in Applied Mathematics	Mathematics	MA	B. Sc. Honours/B.Sc./B.S. with 1. Mathematics as one of the subjects in 6 semesters/3 years in UG level 2. Physics/Applied Physics/Chemistry/Applied Chemistry/Statistics/Computer Science/Economics (any two) as other subjects each in at least 2 semesters/1 year in UG level.
M. Sc. in Physics	Physics	PH	B. Sc. Honours/B.Sc./B.S. with 1 Physics as one of the subject in 6 semesters/3 years in UG level 2. Mathematics for any 2 semesters/1 year in UG level.
M. Sc. in Food Processing and Nutrition Science	School of Community Science & Technology	BT/ CY (For JAM Candidates)	B. Sc. Honours/B.Sc./B.S.
		For Non-JAM Candidates	B.Sc./B.S. in any subject related to Life Sciences/Biology Or B.Sc./B.S. in Food and Nutrition Science Or B.Sc./B.S. in Chemistry

- In general ISR 2024 shall follow the guidelines set by CCMN 2024 in regard to allotment of seats.
- CGPA will not be converted into percentage marks and vice versa.
- Candidate fulfilling eligibility criteria and securing valid JAM score i.e. JAM score more than or equal to the qualifying (cut-off) marks are JAM qualified candidates category
- The eligibility criteria for candidates applying for Non-JAM Candidates category will remain same except valid JAM score (not required). They have to appear for written test/and or interview.
- All candidates who are eligible for admission but whose results are yet to be declared, will be allowed provisional admission, if selected, on production of Course Completion Certificate from appropriate authorities. They will be required to submit their results of the qualifying degree examinations as will be notified in the Institute website failing which their admission may be treated as canceled.
- Candidates who fail to report at the scheduled time, date and venue of the Reporting Centre will not be eligible for admission. Request for change of time and date etc. will not be entertained.
- Certificate for EWS/OBC(NCL) must be issued on or after April 01, 2024.
- The admission of students migrating from other Universities is provisional and subject to approval of the Universities, from which they come.

4.4 Fees

Every candidate taking admission to a M. Sc. Program shall be required to pay the following fees at the time of joining.

Sl. No.	Item	Amount per semester(in Rs.)
1.	Admission Fee	500
2.	Students' Activity Fee	500
3.	Infrastructure Maintenance Fee	2,500
4.	Examination Fee	1,000
5.	Tuition Fee (Fully waived for SC/ ST/ PwD students)	15,000
6.	Institute Caution Money (One time and refundable)	3,000
	Total	22, 500

- Total amount payable during admission
OC/ OBC (NCL)/ EWS category candidates: Rs. 22, 500/-
SC/ ST/ PwD category candidates: Rs. 7, 500/-.

4.5 Important dates

Sl. No.	Event	Date
1	Online application starts	Institute website publication date
2	Last date of submission of online application with payment of application fee	August 25, 2024 up to 3.00 p.m.
3	Publication of Merit List in the Institute Website: Merit List 1: List of candidates offered provisional admission from Group-A: JAM qualified candidates will be published. They will be eligible for direct admission. Merit List 2: List of candidates from Group-B: Non-JAM candidates shortlisted for written test/ and or interview will be notified.	August 26, 2024
4.	Date of written test/ and or interview in physical mode at the Institute for Group-B: Non-JAM candidates	August 29, 2024 at 10:00 AM
5.	Publication of Merit List in the Institute Website: Merit list 3: List of selected students for M.Sc. Program from Group-B: Non-JAM candidates	August 30, 2024
6	Date of counseling and Spot admission for all candidates from	September 02, 2024