



Office of the Dean Academic

Indian Institute of Engineering Science and Technology, Shibpur

(Formerly Bengal Engineering & Science University, Shibpur)

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2668-4561-63, 2668-0521-25, Fax: (033) 2668-0637 Website :

<https://www.iiests.ac.in>

No. 272/ACAD/2023

Date: August 25, 2023

NOTICE

Admission to Post Graduate Courses (M.Tech./M.Plan./M.Sc.) through Institute Spot Round

Applications are invited for admission to M. Tech./M. Plan. /M.Sc. Programme through Institute Spot Round. For eligibility criteria, submission deadlines, seat matrix and other details please visit: Institute Website www.iiests.ac.in. (Admission category). The applicants are required to fill-in the Google Form from the following link.

The link for admission to M. Tech./M. Plan : <https://forms.gle/qbqkX6V3Gh1ySBjx8>

The link for admission to M. Sc : <https://forms.gle/mMwWUykCG4Kj4nhT8>

Last date of submission of online application is September 06, 2023.

For any query regarding:

M. Tech./M. Plan admission, please send email to: niloy.aero@faculty.iiests.ac.in

M. Sc. admission, please send email to: papu.chem@faculty.iiests.ac.in

This is issued with the approval of the competent authority.

Sd/-

Dr.Nirmalya Kumar Bhattacharyya
Joint Registrar (Academic)

No. 272/ACAD/1(08)/2023

Date: August 25, 2023

Copy forwarded for information and necessary action to:

1. Office of the Director
2. The Dean(Student Welfare)
3. All Heads of the Departments/Schools/Centers
4. The Chairman-SPGC
5. The Professor-In-Charge(Admission)
6. The Student Senate
7. The Academic Section-File
8. Institute Website

Joint Registrar (Academic)
IIEST, Shibpur

Information Brochure for Institute Spot Round after CCMN admission process

Admission to M. Sc. Program
Academic Session 2023-24



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 valid JAM score for admission to the full-time two-year (four semesters) M. Sc. Program of this Institute for the academic session 2023-'24 for Institute Spot Round (ISR) after completion of CCMN admission process. 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.

- 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. 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)

4. M. Sc. Admission

Candidates seeking admission to M.Sc. programs are advised to register through the Google form link:

<https://forms.gle/mMwWUykCG4Kj4nhT8>

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 | Eligible JAM Paper | Number of Seats | | | | | | | | | |
|---|--------------------|-----------------|-----|-----|----|----|--------|---------|---------|--------|--------|
| | | OC | EWS | OBC | SC | ST | OC PWD | EWS PWD | OBC PWD | SC PWD | ST PWD |
| M. Sc. in Chemistry | CY | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 |
| M. Sc. in Applied Geology | GG | 0 | 1 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| M. Sc. in Applied Mathematics | MA | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| M. Sc. in Physics | PH | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| M. Sc. in Food Processing and Nutrition Science | BT | 7 | 0 | 5 | 2 | 2 | 0 | 1 | 1 | 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 2023 eligibility for qualifying degree and JAM paper mapping).
- Valid JAM score

Special eligibility:

| Program Name | Name of the Dept/School | Eligible JAM Paper Code | Special eligibility criteria |
|---|--|-------------------------|---|
| M. Sc. in Chemistry | Chemistry | CY | 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 | Geology/Applied Geology/Geological Science/Earth Science related subjects for 6 semesters/3 years in UG level. |
| M. Sc. in Applied Mathematics | Mathematics | MA | 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 | 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 | 1. Biological Science as one of the subjects in UG level 2. Chemistry as one of the subjects in UG level |

Note:

- In general ISR 2023 shall follow the guidelines set by CCMN 2023 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
- 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, 2023.
- 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/-.
- 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 |
| No.: 700028178 | MICR IFSC Code: UCBA0002369 |
| Account Type: Savings Account | Account Number: 23690110000489 |

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 | September 06, 2023 up to 3.00 p.m. |
| 3 | Date of counselling and spot admission | September 07, 2023 |

Information Brochure for Institute Spot Round after CCMT admission process

Admission to M. Tech./M. Plan. Program
Academic Session 2023-24



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

1. Important Guidelines for M. Tech./M. Plan. Application

Applications are invited from candidates having valid GATE score for admission to the full-time two-year (four semesters) M. Tech./M. Plan. program of this Institute for the academic session 2023-'24 for Institute Spot Round (ISR) after completion of CCMT 2023 admission process. 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.

- 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. Four Semester M. Tech./M. Plan. Program (Specialization)

The Institute is offering four-semester postgraduate programmes leading to Master of Technology (M.Tech.) and Mater of Planning (M. Plan.) degree.

4. Application for M. Tech./M. Plan. Admission

Candidates seeking admission to M.Sc. programs are advised to register through the Google form link: <https://forms.gle/qbqkX6V3Gh1ySBjx8>

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 Financial assistance

Financial assistance will be offered as per norms to the eligible GATE qualified M. Tech./M. Plan. students

4.3 Seat Matrix

| Department Name | Program | Specialization | OC | EWS | OBC | SC | ST | OC PWD | EWS PWD | OBC PWD | SC PWD | ST PWD |
|---|---------|--|----|-----|-----|----|----|--------|---------|---------|--------|--------|
| Aerospace Engineering and Applied Mechanics | M.Tech | a) Mechanics of Solids | 5 | 2 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| | | b) Mechanics of Fluids | 5 | 1 | 3 | 2 | 1 | 0 | 0 | 1 | 0 | 0 |
| Architecture Town & Regional Planning | M.Plan | Urban and Regional Planning | 0 | 1 | 4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Civil Engineering | M.Tech | a) Structural Engineering | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | b) Geotechnical Engineering | 3 | 1 | 4 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | | c) Water Resources Engineering | 4 | 1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | d) Transportation Engineering | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | e) Environmental Engineering | 3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Computer Science & Technology | M.Tech | Computer Science & Engineering | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Electrical Engineering | M.Tech | a) Power & Energy Systems | 4 | 1 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| | | b) Power Electronics, Machines and Drives | 6 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | | c) Control System & Instrumentation | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electronics & Telecommunication Engineering | M.Tech | a) Microelectronics and VLSI Design | 0 | 2 | 4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| | | b) Microwave Communication | 4 | 0 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| | | c) Communication Engineering & Signal Processing | 7 | 2 | 6 | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| Information Technology | M.Tech | Information Technology | 0 | 2 | 5 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Mechanical Engineering | M.Tech | a) Machine Design | 4 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| | | b) Thermal Engineering | 3 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| | | c) Manufacturing Science | 4 | 1 | 3 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| Metallurgy & Materials Engineering | M.Tech | a) Materials Engineering | 3 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| | | b) Manufacturing Technology | 4 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mining Engineering | M.Tech | a) Mineral and Energy Resources Engineering | 8 | 1 | 5 | 3 | 2 | 0 | 0 | 1 | 0 | 0 |
| | | b) Geoinformatics | 8 | 2 | 6 | 3 | 1 | 1 | 0 | 0 | 0 | 0 |
| School of Advanced Materials, Green Energy and Sensor Systems | M.Tech | Materials Science & Technology | 6 | 2 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| | | Renewable Energy Science and Technology | 4 | 2 | 4 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| School of Mechatronics & Robotics | M.Tech | Mechatronics | 8 | 2 | 5 | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| School of VLSI Technology | M.Tech | VLSI Design | 8 | 2 | 6 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Centre for Healthcare Science and Technology | M.Tech | Biomedical Engineering | 8 | 2 | 5 | 2 | 1 | 0 | 0 | 1 | 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).

4.4 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 CCMT 2023 eligibility for qualifying degree and GATE paper mapping).
- Valid GATE score i.e. GATE score more than or equal to the qualifying (cut-off) marks.

Note:

- In general ISR 2023 shall follow the guidelines set by CCMT 2023 in regard to allotment of seats.
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- 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, 2023.
- The admission of students migrating from other Universities is provisional and subject to approval of the Universities, from which they come.

4.5 Fees

Every candidate taking admission to a M. Tech/ M. Plan. 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) | 35,000 |
| 6. | Institute Caution Money (One time and refundable) | 3,000 |
| | Total | 42, 500 |

- Total amount payable during admission
 OC/ OBC (NCL)/ EWS category candidates: Rs. 42, 500/-
 SC/ ST/ PwD category candidates: Rs. 7, 500/-.
- For online payment of application fee, Bank details are given below:

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

4.6 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 | September 06, 2023 up to 3.00 p.m. |
| 3 | Date of counselling and Spot admission | September 07, 2023 |