

Information Brochure

Admission to M.Tech. / MURP: 2019-2020

Indian Institute of Engineering Science and Technology, Shibpur

भारतीय अभियांत्रिकी विज्ञान एवं प्रौद्योगिकी संस्थान, शिबपुर
ভারতীয় প্রকৌশল বিজ্ঞান এবং প্রযুক্তিবিদ্যা প্রতিষ্ঠান, শিবপুর

Formerly Known as Bengal Engineering and Science University, Shibpur

Howrah - 711103, West Bengal, India

NIRF Ranking (Year-2019)
Engineering-19; Overall-36



Website: www.iiests.ac.in

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1 IMPORTANT INFORMATION

1. Admission to M.Tech/MURP will be only through CCMT 2019 (www.ccmt.in) on-line system for centralized admission. For other information see Institute's website (www.iests.ac.in).
2. Hostel accommodation is not guaranteed. A limited number of seats are available which will be allocated on preferential basis.

Schedule of CCMT 2019 with Important Dates*

| Sl. | Activities | Date |
|-----|---|--|
| 1. | Advertisement and Availability of CCMT-2019 website | March 28, 2019 |
| 2. | Online registration and fee payment | April 05-26, 2019 |
| 3. | Online choice filling and Locking | April 05-29, 2019 |
| 4. | Automatic locking of saved choices | April 29, 2019 (23:59 hrs) |
| 5. | Publication of Round 1 Seat allotment | May 03, 2019 |
| 6. | Payment of Seat Acceptance fee of ₹30,000/- followed by reporting at any RC after Round 1 of seat allotment | May 07 - 10, 2019 |
| 7. | Online Seat withdrawal and Online Willingness change for Round 1 | May 07 - 10, 2019 |
| 8. | Publication of Round 2 Seat allotment | May 17, 2019 |
| 9. | Payment of Seat Acceptance fee of ₹30,000/- followed by reporting at any RC after Round 2 of seat allotment | May 20 – 22, 2019 |
| 10. | Online Seat withdrawal and Online Willingness change for Round 2 | May 20 – 22, 2019 |
| 11. | Publication of Round 3 Seat allotment | May 31, 2019 |
| 12. | Payment of Seat Acceptance fee of ₹30,000/- followed by reporting at any RC after Round 3 of seat allotment | June 03 - 07, 2019 (RCs will be closed on June 05, 2019 on account of Id-ul-Fitr) |
| 13. | Online Seat withdrawal and Online Willingness change for Round 3 | June 03 - 07, 2019 |
| 14. | Publication of National Upgradation Seat allotment | June 11, 2019 |
| 15. | Online Seat withdrawal and Online Willingness change for National Upgradation | June 12-23, 2019 |
| 16. | Download Provisional Admission Letter (PAL) | June 12-27, 2019 |
| 17. | Reporting at Allotted Institute and depositing Balance Institute Fee | June 24 - 27, 2019 |
| 18. | Publication of Internal Sliding | June 29, 2019 |
| 19. | Publication of Vacant seats for NSR | June 29, 2019 |
| 20. | Online National Spot Round (NSR) Registration and Fee payment | June 30 - July 14, 2019 |
| 21. | Online choice filling and locking for NSR | June 30 - July 15, 2019 |
| 22. | Automatic locking of saved choices for NSR | July 15, 2019 (23:59 hrs) |
| 23. | Document verification of NSR registered candidates | July 15 - 18, 2019 |
| 24. | Publication of NSR seat allotment | July 20, 2019 |
| 25. | Download NSR Provisional Admission Letter (PAL) | July 21-26, 2019 |
| 26. | Reporting of Candidates, who will be allotted Seat in NSR, at Admitted Institute | July 23-26, 2019 |
| 27. | Starting of Classes | Classes will commence as per the respective PI's Academic Calendar (please refer CCMT-2019 website or respective PI website) |

Note –

1. Dates mentioned above are tentative and may be changed due to unavoidable circumstances, if any. Candidates are advised to regularly check CCMT-2019 website for updates.
2. Visit CCMT-2019 website regularly for any update.

2 THE INSTITUTE

Indian Institute of Engineering Science and Technology, Shibpur (IEST, Shibpur) started its glorious journey in 1856 as Calcutta Civil Engineering College. Developed as a premier engineering college in pre-independence India, it has been renamed as Bengal Engineering College, Shibpur in 1920. The College has received the status of Deemed University in 1993 and subsequently transformed to Bengal Engineering and Science University, Shibpur in 2004. The then Hon'ble President Dr A.P.J. Abdul Kalam formally inaugurated this university in 2005. This premier institute has been transformed to Indian Institute of Engineering Science and Technology, Shibpur an Institute of National Importance by the NITSER Act of the Parliament in 2014. The Institute has fifteen departments of Engineering & Technology, Science and Humanities & Social Science disciplines. In addition, the Institution has five Schools and two dedicated research Centres for imparting education and research in interdisciplinary areas. The century-old legacy of the Institute has produced illustrious alumni who are spread all over the globe holding top notch positions in government organizations and giant corporations. It has a bank of excellent and eminent faculty members who have been instrumental for turning this Institution into one of the finest academic and research Institutions of the Country. This is best evidenced by the decision of the Government of India to take over the Institution as one of the centrally funded Institutes of the Country directly financed by the Ministry of Human Resource Development so that this Institution with immense potential can scale new heights in future.

3 VISION-MISSION STATEMENTS

3.1 Vision

The Vision of IEST, Shibpur is to become one of the best Institutes in the world in providing the state-of-the art multi-disciplinary research ambience that will usher innovative world class technologies developed towards realizing the goal of Developed India, and thereby establish a unique identity for the institute amongst national and international academic and research organizations through knowledge creation, acquisition and dissemination for the benefit of society and humanity.

3.2 Mission

The Mission of the Institute are as below:

- To generate high quality human and knowledge resources in our core areas of competence and emerging areas to make valuable contribution in technology for social and economic development of the nation.
- To make focused efforts towards identification, monitoring and control of objective attributes of quality for continuous enhancement of academic processes, infrastructure and ambience.
- To efficaciously enhance and expand, even beyond national boundaries, its contribution to the betterment of technical education and offer international programmes of teaching, consultancy and research.

4 FOUR-SEMESTER M.TECH / MURP PROGRAMS

The Institute offers 4-semester postgraduate courses leading to Master of Technology (M. Tech) degree in 9 disciplines, namely, Civil, Electrical, Mechanical, Metallurgical, Mining, Electronics & Tele-Communication, Computer Science & Technology, Aerospace & Applied Mechanics, and Information Technology. Another postgraduate course is also offered by the Department of Architecture, Town and Regional planning leading to the degree of Master of Urban and Regional Planning(MURP). All the ten courses are offered by the ten Engineering and technology departments of this Institute. A number of schools under this Institute offer 4-semester full-time PG courses leading to M. Tech. degree in Materials Engineering, VLSI Design, Mechatronics, Biomedical Engineering.

5 ADMISSION

Applications are invited through CCMT 2019 on-line admission system for the session 2019-20. Details are shown in the following Table.

| Institute Code | Institute Name | Department Name | Programme Name | Group | OC | EWS | OBC | SC | ST | OCPWD | EWSPWD | OBPWD | SCPWD | STPWD | Total | | |
|----------------|--|--|--|--------------|----|-----|-----|----|-----|-------|--------|-------|-------|-------|-------|----|-----|
| 405 | Indian Institute of Engineering Science and Technology Shibpur | Civil Engineering | a) Structural Engineering | G1 | 7 | 2 | 5 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 18 | | |
| | | | b) Geotechnical Engineering | G1 | 6 | 1 | 3 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 14 | | |
| | | | c) Water Resources Engg. | G1 | 3 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | | |
| | | | d) Transportation Engineering | G1 | 3 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | | |
| | | | e) Environment Engg. | G1 | 3 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | | |
| | | Electrical Engineering | a) Power & Energy Systems | G1 | 2 | 1 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | |
| | | | b) Power Electronics & Machines Drives | G1 | 6 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 14 | |
| | | | c) Control System & Instrumentation | G1 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | |
| | | Electronics & Telecommunication Engineering | a) Digital Systems | G1 | 4 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | |
| | | | b) Microwave & Communication Engineering | G1 | 3 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | |
| | | | c) Communication Engg. & Signal Processing | G1 | 8 | 2 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | |
| | | Computer Science & Technology | Computer Science & Engineering | G1 | 7 | 2 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 18 | |
| | | Aerospace Engineering and Applied Mechanics | a) Mechanics of Solids | G1 | 6 | 2 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 17 | |
| | | | b) Mechanics of Fluids | G1 | 5 | 1 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | |
| | | Mechanical Engineering | a) Machine Design | G1 | 4 | 1 | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 10 | |
| | | | b) Heat Power Engineering | G1 | 4 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | |
| | | | c) Production Engineering | G1 | 3 | 1 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | |
| | | Information Technology | Information Technology | G1 | 7 | 2 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 20 | |
| | | Metallurgy & Materials Engineering | Iron and Steel Technology | G1 | 3 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 9 | |
| | | | Surface Engineering | G1 | 4 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | |
| | | Mining Engineering | a) Mining Engineering | G1 | 8 | 2 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | |
| | | | b) Geoinformatics | G1 | 8 | 1 | 5 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 20 | |
| | | Architecture Town & Regional Planning | Master of Urban & Regional Planning | G1 | 5 | 2 | 5 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 16 | |
| | | School of Materials Sc. & Engineering | Material Sc. & Tech. | G1 | 8 | 2 | 4 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 20 | |
| | | School of Mechatronics & Robotics | Mechatronics | G1 | 8 | 2 | 5 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 20 | |
| | | School of VLSI Technology | VLSI Design | G1 | 8 | 1 | 5 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 20 | |
| | | Centre of Excellence for Green Energy & Sensor Systems | Renewable Energy Science & Technology | G1 | 7 | 2 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 17 | |
| | | Centre for Healthcare Science and Technology | Biomedical Engineering | G1 | 8 | 1 | 5 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 20 | |
| | | | Safety and Occupational Health Engineering | G1 | 4 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | |
| | | | | Total | | | 154 | 38 | 103 | 57 | 28 | 8 | 2 | 5 | 3 | 2 | 400 |

The M.Tech in Mechatronics is a programme being conducted jointly by IEST, Shibpur and Council of Scientific and Industrial Research, New Delhi, through its associated organizations; Central Electronics Engineering Research Institute, Pilani, Central Scientific Instrument Organization, Chandigarh and Central Mechanical Engineering Research Institute, Durgapur.

5.1 Eligibility

- As per the institute requirement available in *CCMT-2019* website: www.ccmt.nic.in. candidates who are eligible for admission but whose results are yet to be declared will be allowed provisional admission, if selected, on the production of Course Completion Certificate from appropriate authorities. They will be required to submit their results of the qualifying degree examinations by 30.09.2019 failing which their admission may be treated as cancelled.
- Minimum 60% (or CGPA 6.5 in scale 10) for OC/OBC(NCL) candidates and 55% (or CGPA 6.0 in scale 10) marks is required for SC/ST/PwD candidates in aggregate in the qualifying examination.

Notes:

- Candidates who qualified in the GATE in 2017 or later are eligible for admission.
- 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 OBC(NCL)/SC/ST/PwD will be as per Govt. of India Rules.

5.2 Attendance Requirement

To appear in the final/annual examination each student is required to have at least 75% attendance in each subject.

5.3 Discipline

Students are expected to observe norms of good behaviour, rules and regulations prescribed and orders issued by the Institute authorities from time to time.

5.4 Fees and other details for the full time M.Tech./MURP courses

1. Fees

Fee Details are shown in the following Table.

| Item (Per semester basis) | Amount in Rs. |
|--|----------------------|
| Registration Fee | 500 |
| Students Activity and others | 500 |
| Development Fee | 2500 |
| Tuition Fee | 35000 |
| Examination Fee | 1000 |
| Total (per semester) | 39,500 |
| Caution Deposit (Refundable see note (a) below.) | 3,000 |
| Total at the time of admission (see note (a) below) | 42,500 |

Note:

- a) During admission to 1st-year 1st semester M. Tech. a one-time caution money deposit of Rs. 3000/- (refundable) is required to be paid.
 - b) Tuition fees for SC/ST candidates are waived for all semesters.
 - c) Institute dues are to be deposited in UCO Bank BESUS branch located at the ground floor of the Science and Technology building either in cash or by Demand Draft/Pay Order drawn in favour of "Registrar, IEST, Shibpur", payable at Kolkata. A candidate should collect his/her copy of the bank receipt as well as the Institutes' copy of the receipt and shall enclose the Institutes' copy of the receipt along with his/her admission form.
2. On receiving the offer for admission, if a candidate fails to take admission in the respective course on scheduled date and time, the offer for admission to PG-course made to him/her will stand cancelled.
 3. The admission of students migrating from other Universities is provisional and subject to the approval of the Universities, from which they come.
 4. The session will commence on and from 15th July 2019. The students admitted must report to the respective Head of the department along with the Provisional Admission Certificate issued by the Dean (academic). Regarding class routine, the candidates should contact the concerned Head/Director of the Department/School.

5.5 Reservation for SC/ST/PwD/OBC (NCL)/Other Categories

Reservations for the students of SC/ST/PwD/OBC (NCL)/Other categories will be as per the Government rules.

In addition to the normal intake, a limited number of foreign students, students from other States and Union Territories, and sons and wards of India-based staff members posted abroad, may be admitted on the recommendation of MHRD, Govt. of India.

5.6 Delay in joining the Institute

Any student who is unable to join the Institute on an opening day must send an application for leave, countersigned by his guardian clearly stating the reason for absence. In case of illness, a medical certificate must be attached. If the student fails to submit his leave application he will be liable to a fine of Rs. 500/-. No student will be allowed to join the Institute after the expiry of one month from the opening of the session unless specially permitted by the Dean (Academic).

5.7 Removal from the Institute Rolls

If a student's record of progress in studies is found to be unsatisfactory within six months of his/her admission, he/she may not be permitted to continue. Likewise, lack of progress in a subsequent year will, in extreme cases, entail relegation or removal from the Institute rolls. Students considered to be unsuitable owing to ill-health, bad attendance, or other reasons of indiscipline are also liable to be removed from the Institution.

5.8 Students' Attendance

A candidate having a record of attending classes less than 75% in each of the theoretical and seasonal subjects offered in a semester shall not be allowed to sit for the relevant semester examination. Such a candidate may be allowed to seek readmission to the odd-semester of the corresponding part during the next academic session, subject to the conditions laid down in relevant regulations.

5.9 Compliance to Institute Rules

All students are bound to the Institute Rules and Regulations and must obey such orders as may be issued from time to time by the appropriate authority. A serious breach of Institute Rules may entail removal from the Institute. Following rules should be strictly followed.

1. All new students who have been allotted hostel accommodation, on their first arrival at the Institute should report themselves to the corresponding Hostel Warden.

2. Hostel Warden may not enter a student's name in the register of the hostel or assign him/her a seat until he/she produces the Cashier's Receipt for the first instalment of fees.
3. Every student must provide himself/herself his/her own bedding arrangement upon joining the institute. No furniture should be brought into the Institution except special permission from the Chief Warden.
4. Students are not allowed to stay outside their hostels beyond 11 pm without prior permission from their respective Hostel Wardens.
5. Disorderly or indecent conduct in the campus will lead to disciplinary action.
6. Students are liable to have their names entered in the Conduct Register maintained by the office of the Chief Warden for offences indicated below.
 - Disobedience to orders.
 - Absence without leave.
 - Insubordination or disrespect to the members of the Institute Staff.
7. Students may be expelled for habitual or gross misconduct or for continued absence or negligence of work, or for frequent entry of their names in the Conduct Register.
8. Students leaving their rooms must see that those are properly locked.
9. Smoking anywhere within the campus is strictly prohibited.
10. The inmates of a room are collectively held responsible for the care of all fittings and furniture in and near their rooms. Any damage other than that due to normal wear and tear will be chargeable to the inmate or inmates responsible for the damage.
11. The Institute swimming pool, beyond scheduled hours, and all ponds and lakes are strictly out-of-bounds for students.
12. The Oval Ground is out-of-bounds after dusk.
13. Students found involved in the act of ragging will be strictly punished as per rules.
14. No students should use slippers during class hours.
15. Use of microphones, external lighting, VCR and Cable TVs in hostel-rooms are strictly prohibited without the permission of the appropriate authority.

16. Students are advised to always carry Identity cards.
17. Swimming and bathing are prohibited in (i) River Hooghly, and (ii) Ponds and lakes inside the campus.
18. The main gate will be closed at 11 p.m. However, in case of urgent work students must get prior permission from the Hostel Superintendent to go outside the Campus after 10 p.m.
19. Hostel gates will be closed at 11 p.m.
20. If any student is found violating the rules and regulations, strict disciplinary action, to the extent of expulsion from the Institute, may be taken.
21. No bike/scooter will be allowed to remain in the Hostel.

The campus of IIEST, Shibpur is RAGGING FREE zone. At the time of admission, each student will be required to furnish an undertaking in non-judicial stamp paper of Rs. 10/- and signed by a notary in a prescribed format (text will be made available on the website) that the student will not indulge in any form of ragging. The Institute may take appropriate action including expulsion from the Institute, against the erring students.

5.10 Vacations and Holidays

The Institute has only one vacation called the Summer Vacation. No student may stay at the hall or hostel of residence during the vacation without the special permission of the Chief Warden. Other than the two-month summer vacation, students enjoy short Puja holidays and winter recess for a week. Institute's holiday list and the academic calendar are notified on the website: www.iiests.ac.in.

6 CAMPUS

The Institute has a beautiful green campus covering an area of about 49 Hectares with several water bodies situated on the northern bank of the river Hooghly, opposite to the Kolkata Port and next to the Acharya Jagadish Chandra Bose Indian Botanical Garden. The campus accommodates 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.



A portion of The Institute Campus

6.1 Academic Area

The main academic complex is a four storied building covering about 22000 m^2 area that accommodates most of the engineering departments, Department of Human Resources Management, Office of the Dean and Office of Examinations.

The newly constructed eight-storied Science and Technology building with 14400 m^2 area accommodates some of the existing engineering departments, science and management departments, and various centres and schools. Offices of the Director, Deans, Registrar, and other financial and administrative offices are also located in this building. Annex buildings are now being constructed to accommodate future departments, schools, centres and offices.

The old Workshop complex where the Bengal Engineering College was originally started in this campus is now a heritage building. Part of the workshop is housed in the adjoining

building. The workshop complex is quite large, encompassing an area of about $8500m^2$.



Main Academic Building

6.2 Accommodation

The Institute, with a student population of more than 3700, has 18 hostels including three girls' hostels. However, residential accommodation of all the UG and PG male students is not guaranteed due to a shortage of hostels. The Institute also provides accommodations to a number of faculty members and staff within the campus.

6.3 Amenities

Besides Institute building, students' hostels, staff quarters and various student and staff activity centres, the campus has the following amenities:

1. Students Centre for Creative Expressions at Slater hall
2. R. N. Banerjee Student's Recreation Centre
3. Institute Hall: A Multipurpose Auditorium
4. A Well-equipped Gymnasium
5. Two well-maintained sports stadium: Oval and Lords
6. A Swimming Pool
7. Student's activity centre
8. A Student's Innovation Centre
9. Vivekananda Youth Club for Students

10. Institute guest house.
11. A hospital with outdoor and indoor facilities.
12. A student canteen and a staff canteen
13. Three banks with ATM facilities
14. Shanti-Neer: A Meditation Centre
15. B. E. College Model School

6.4 Health Service

The Institute has a hospital to cater to the needs of the campus inmates with medical officers and other supporting staff. It provides 24 hours of ambulance service. Besides, the hospital has an ID Ward to effectively isolate students suffering from infectious diseases. Serious cases are generally transferred to any city hospital.



Oval Ground



Gymnasium



Swimming Pool



Hospital Building



Students' Amenities Centre



Meditation Centre

6.5 Campus Services

The Institute is provided with uninterrupted power supply from the Calcutta Electric Supply Corporation. Water supply is provided by the Howrah Municipal Corporation. In addition, the Institute has its own captive generation plant and also water supply sources. There are three agencies which look after the maintenance of various services in the campus: the Public Works Department (Maintenance) for maintenance of all buildings and roads, the Public Works Department (Electrical) to look after the maintenance of electrical services and a Public Health Engineering Department for maintenance of water supply and sewage disposal.

7 CENTRAL FACILITIES

In addition to the academic and supporting departments, there are Central Facilities as follows.

7.1 Computer Centre

All the departments, schools and centres of the Institute have computing facilities of their own. In addition, there is a Central Computer Centre which provides computing facilities for UG/PG labs and research works. This Computer Centre along with all departments, schools, centres offices and hostels are connected to a campus-wide network with fibre-optic backbone and the whole campus is Wi-Fi enabled.

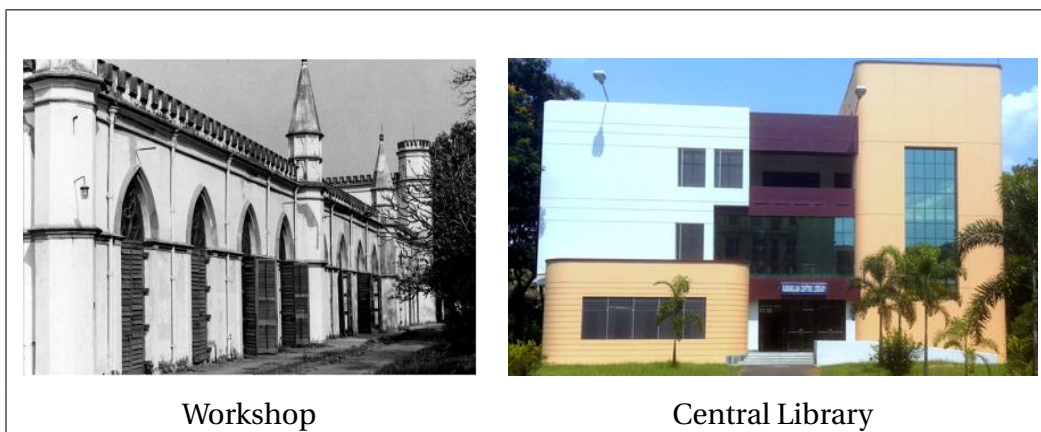
7.2 Library

The Institute has a moderate library covering 30002 sq. meter area and is open from 09:30h. to 24:00h. (Monday to Friday) and 10:00 hr. to 18:30 hr. (Saturday and Sunday). The library has RFID enabled integrated library management software, LibSys-7 with a biometric attendance management system which provides online search facilities (WebOPAC) of library databases through the Internet. It has an institutional repository where various documents (such that theses, old question papers, etc.) of the Institute are systematically archived for better management of digital resources and efficient services to its members. Currently, the library has more than 1.4 lakhs printed text and reference books, and 40,000 bound volumes of journals. It also has a huge collection of documents such as patents, standards, technical reports and pamphlets. The library boasts of having a good collection of old and rare books

and journals of the nineteenth century. The library is a core member of e-Shodh Sindhu Consortium for Higher Education Electronic Resources (an initiative by Ministry of Human Resource Development, Government of India). The library provides current as well as archival access to peer-reviewed journals and number of bibliographic, citation and factual databases including ACM Digital Library, American Chemical Society (ACS) Journals, American Institute of Physics (AIP) Journals, American Physical Society (APS) Journals, American Society of Civil Engineers (ASCE) Journals, American Society of Mechanical Engineers (ASME) Journals, IEL Online, JSTOR, Nature, Science Direct, Scopus, South Asia Archives, Springer-Link, Taylor & Francis Journals, Web of Science and many others. The Library also provides similarity (Plagiarism) checking services. Currently, the library is under the process of renovation and modernization with the objective of providing 24-hrs access to printed books, more e-resources, learning resources and video lectures.

7.3 Workshop

The Workshop Complex has nine engineering workshops extending facilities to all the engineering departments for teaching as well as for the development of prototypes/models of any research students.



Workshop

Central Library

7.4 Students' Affairs

Headed by a Dean of Students Affairs, the students of this Institute are encouraged to participate in sports and games as well as various cultural activities like music, photography, dramatics, paintings, model making, creative writing and debating etc. in the Students' Centre for creative expressions.

7.5 Human Resource Management

Department of Human Resource Management is responsible for facilitating job placements as well as practical training for the engineering students of this Institute. The department assists the students in arranging training in industrial and educational establishments during summer vacation and also coordinates Post Graduate Practical Training for fresh graduates.

7.6 Games and Sports

All students are encouraged to join games or participate in some form of physical training. Every student must possess a pair of black shorts and a pair of white tennis shoes. All students must join the athletics Club and at least one of the societies in the Students' Activity Centre.

8 HOSTEL ACCOMMODATION

Hostel accommodation will be provided as per availability of the rooms.

8.1 Hostel Dues and Mess Charges

Hostel Dues and *Mess Dues* are to be paid by students residing in hostels. All these dues are to be paid in advance at the time of admission to the first semester and also at the beginning of other semesters. Caution money, however, is one-time only (during admission) and need not be paid in other semesters. Caution money will be refunded after the completion of the course. However, caution money will be forfeited if not claimed within one year after passing the course or leaving the Institution for any other reason, whichever is earlier. Students withdrawing from the Institute after admission may get some refund as per the refund policy of the Institute notified in the website.

8.1.1 Hostel Dues (for students staying in hostels)

Hostel Charges of Rs. 1900/- is to be deposited in UCO Bank, BESUS Branch located in the ground floor of the Eight-Storeyed Building(either in Cash or by Demand Draft/Pay order drawn in favour of "Registrar, IEST, Shibpur", payable at Kolkata. The candidate should collect his/her copy of the bank receipt as well as the Institutes' copy of the receipt and shall enclose the Institutes' copy of the receipt together with his/her application form for admission to Hostel.

| Sl No | Item | Amount per Semester (Rs.) |
|-------|---|---------------------------|
| 1 | Hostel Maintenance Charge | 1000 |
| 2 | Seat Rent | 600 |
| 3 | Electricity and Water Charges | 300 |
| | Total amount payable at the time of admission | 1900 |

All charges may change as per orders of the Institute authority. The candidates will be notified about the changes through the website.

8.1.2 Mess Dues (for students staying in Hostels)

Mess dues of Rs. 25500/- is to be deposited in the State Bank of India, BESU Branch preferably through HMS (Hall Management System Portal “MESS ADVANCE/MESS ENTRANCE/MESS CAUTION/MESS ESTABLISHMENT A/C”) at the time of admission. The candidates are requested to carry Debit Card/ Credit Card or may pay using Net Banking. In extreme case, payment will be accepted through Demand Draft/ Pay Order in favour of above account in consultation with the admission officers.

| Sl No | Item | Amount per Semester (Rs.) |
|-------|--|---------------------------|
| 1 | Mess Caution Money (one time and refundable) | 1000 |
| 2 | Mess Dues Advance (per semester and adjustable) | 17500 |
| 3 | Mess Entrance Fee (per year and non-refundable) | 3000 |
| 4 | Mess Establishment Fees (per semester and non-refundable) | 4000 |
| | Total amount payable at the time of admission | 25500 |

All charges may change as per orders of the Institute authority. The candidates will be notified about the changes through the website.

For Hostel accommodation contact Chief-warden.

8.2 Opening of Bank Account

Institute fees (Tuition fees and Examination fees etc.) are collected through the individual bank account of the student (to be opened with UCO Bank, BESUS Branch). This is mandatory and to be opened within a month from the date of admission failing which the candidature of the student will be cancelled. A student is expected to keep a sufficient amount in his/her

account. The dues are notified from time to time and deducted automatically from the account of the students. Defaulters with pending dues are not allowed to pursue further academic activities of the Institute. Payment method may change in future.

8.3 Refund of Fees

- a) If a student withdraws in writing his or her name from the Institute before the scheduled date for commencement of the course, Institute will refund the entire amount after deduction Rs. 1000/- as processing fee.
- b) If a student withdraws his or her name from the Institute after the commencement of the academic session then the Institute will refund only the caution deposit. In addition, students staying in a hostel will get refund the mess Caution Money Deposit.
- c) Refund will be made available to the student immediately after withdrawal of admission in writing. Refund money will be paid to the student by Account payee cheque.

9 IMPORTANT WEB LINKS

| Departments, Schools and Centres | Website |
|--|---|
| Aerospace Engineering and Applied Mechanics | https://www.iests.ac.in/index.php/home-ae |
| Architecture, Town and Regional Planning | https://www.iests.ac.in/index.php/home-arch |
| Civil Engineering | https://www.iests.ac.in/index.php/home-civil |
| Computer Science and Technology | https://www.iests.ac.in/index.php/home-cst |
| Electrical Engineering | https://www.iests.ac.in/index.php/home-ee |
| Electronics and Telecommunication Engineering | https://www.iests.ac.in/index.php/home-etc |
| Information Technology | https://www.iests.ac.in/index.php/home-it |
| Mechanical Engineering | https://www.iests.ac.in/index.php/home-me |
| Metallurgy and Materials Engineering | https://www.iests.ac.in/index.php/home-met |
| Mining Engineering | https://www.iests.ac.in/index.php/home-min |
| Dr M.N. Dastur School of Materials Science and Engineering | https://www.iests.ac.in/index.php/home-mnd |
| School of Mechatronics and Robotics | https://www.iests.ac.in/index.php/introduction-smr |
| School of VLSI Technology | https://www.iests.ac.in/index.php/home-vlsi |
| Centre of Excellence in Green Energy and Sensor Systems | https://www.iests.ac.in/index.php/home-g |
| Centre for Healthcare Science and Technology | https://www.iests.ac.in/index.php/home-new |

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Institute Website: <https://www.iests.ac.in>

CCMT-2019 Website: <https://www.ccmt.nic.in>