

# **Information Brochure 2013-14**

**For admission to Full Time UG Courses  
leading to the degree of B.E and B.ARCH**



**BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR  
HOWRAH – 711 103, W.B.  
INDIA**

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## **BENGAL ENGINEERING AND SCIENCE UNIVERSITY, SHIBPUR HOWRAH – 711 103.**

### **THE UNIVERSITY**

The Bengal Engineering and Science University, Shibpur, established as **Calcutta Civil Engineering College**, way back in **1856**, with the idea of introducing engineering education in the country, has long and glorious past. In the year **1920**, the college was renamed as **Bengal Engineering College, Shibpur**. Till **1992**, it was a constituent college of the Calcutta University and has been offering PG Courses in Engineering since **1954**. In recognition of its service to the nation for all these years, the college was elevated to the status of a **Deemed University** in **1993** and the then Honorable President of India, Dr. Sankar Dayal Sharma formally inaugurated the University on **March 13, 1993**. From **1<sup>st</sup> October 2004**, the Institute was further elevated to the status of a State University and was renamed as **Bengal Engineering and Science University, Shibpur**. On **July 13, 2005**. Dr. A. P. J. Abdul Kalam, Hon'ble President of India, formally inaugurated the University. The University offers all its regular programmes through three faculties, namely, Engineering and Technology, Basic and Applied Science and Management and Social Sciences. This state University has got the cabinet approval from the Union government to transform it to an Institute of National Importance, namely, Indian Institute of Engineering Science and Technology (IEST).

### **VISION**

The **vision** of the University is to be one of the best ten excellent engineering and science universities of the country, committed to transforming India to a developed nation and partnering in the realization of the Developed India **Vision 2020**, through development of world-class engineers and scientists.

The university functions as a research-intensive university whose prime areas of activity are creation of knowledge and dissemination of knowledge in an environment of research which ensures that teaching and learning are conditioned by the latest research, and the nation is endowed with skilled manpower of the highest quality. These are being achieved with the help of highly qualified faculty members, highly motivated students supported by state of the art laboratories and substantial publications on regular basis.

### **THE CAMPUS**

The University has a beautiful green campus covering an area of nearly 49 hectares on the northern bank of the river Hoogly opposite to Kolkata Port. Several Institution buildings, accommodation for staff and students, campus amenities and services are the main components of the campus.

**i) UNIVERSITY BUILDING**

The University buildings consist of the following units:

(a) The main university building covering a total floor space of about 22,000 square meters is a four stored building with a central corridor. Most of the academic departments, department of *Human Resource Management, Office of the Dean of the faculty of Engineering and Technology the Examination office* are located in this building.

(b) A composite eight storied science and technology building with a carpet area of 14,400 square meters has newly been constructed to accommodated the expansion facilities of existing and upcoming departments. *Most of the university administrative offices including the office of the Vice-Chancellor, Dean (Sc), Dean (Mgmt), Registrar and PICSA* are located here.

(c) The Workshop complex is housed partly in the premises of the heritage building and partly in the adjoining building. The total area of the workshop complex is about 8,500 square meters.

(d) The M.N. Dastur block and A. K. Seal hall also house some of the academic and administrative departments.

The University is expanding, new buildings are being constructed, and some of the old buildings have been converted to accommodate Banks, offices as well as specialized schools set up for the research and development activities.

**(i) ACCOMODATION FOR STUDENTS AND STAFF**

The university, with a student population of more than 3200, has 16 hostels including three for girls. However, residential requirement is optional for PG Students and accommodation of all UG students in the campus hostels are not guaranteed. The university also provides accommodation for a sizeable number of faculty members and other categories of staff within the campus.

**(ii) AMENITIES**

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

(a) The university guest house and centenary alumni building.

(b) The hospital with outdoor and indoor treatment facilities under the supervision of medical officers.

(c) The staff recreation centre – staff common room, professors' common room, etc.

(d) The institute hall – a multipurpose auditorium.

(e) B. E. College Model School (from KG to H.S. level).

(f) A well equipped gymnasium and well maintained Sports Fields.

(g) A student Canteen and a staff cum student canteen.

(h) Campus wide networking; Banks and ATM counters.

- (i) A students' activity centre to carry out activities of different societies like photography, drama, music, debate & Quiz, adventure sports etc.
- (j) A swimming pool.

**(iii) HEALTH SERVICE**

The university has a hospital to cater to the needs of the campus inmates with medical officers other supporting staff. Besides, the hospital has an ID Ward to effectively isolate students suffering from infectious diseases such as chicken pox, mumps, measles etc. Outdoor treatment is available in two shifts: morning and afternoon except Sundays and holidays. Serious cases are generally transferred either to any city hospital or to the students health home, Kolkata. This Institution has a university membership of the students health home. The university hospital provides 24 hours ambulance service.

**(iv) CAMPUS SERVICES & MANAGEMENT**

The university is provided with, uninterrupted power supply from the Calcutta Electric Supply Corporation. Water supply is provided by the Howrah Municipal Corporation. In addition, the University 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) with an Assistant Engineer-in-charge for maintenance of all buildings and roads, the Electrical Wing of the P.W.D. with a Sub Assistant Engineer-in-charge to look after the maintenance of electrical services and a Public Health Engineering Department with a sub-Assistant Engineer-in-charge for maintenance of water supply and sewage disposal services.

For looking after the security of the campus and maintenance of the compound, there is an Estate Office.

## **ACADEMIC PROGRAMMES**

**(i) UNDERGRADUATE COURSES:**

The University, at present, offers 4-year full time undergraduate courses leading to B.E. and B.Arch. Degrees in ten disciplines as listed below:

- Aerospace Engineering
- Architecture
- Civil Engineering
- Computer Science & Technology
- Electrical Engineering
- Electronics & Telecommunication Engineering
- Information Technology
- Mechanical Engineering
- Metallurgy and Materials Engineering
- Mining Engineering

A regular course of study for the degree courses extends over 8-semesters, except in Architecture in which case it is extended over 10-semesters.

Note that all UG programmes are AICTE approved and a few are NBA accredited as well. The UG programmes from various departments are supported by the following departments who usually offer PG and Doctoral programmes. They are;

- Mathematics
- Physics
- Chemistry
- Earth Sciences
- Humanities

Mathematics, Physics, Chemistry and Earth Sciences are under the faculty of Basic and Applied Sciences while the Humanities department is under the faculty of Management and Social Sciences.

## **POST GRADUATE COURSES**

The University offers 4-semester post graduate courses leading to **Master of Engineering (ME)** degree in 10 disciplines, namely, Civil, Electrical, Mechanical, Metallurgical, Mining, Electronics & Tele-Communication, Computer Science & Technology, Aerospace & Applied Mechanics, and Information Technology and also to **Master of Town and Regional Planning (MTRP)**. The University offers 4-semester postgraduate course leading to **Master of Technology (M. Tech)** degree in Materials Engineering and VLSI Design.

In addition to above, the University also offers the following post-graduate courses:

- 6-semester part time evening post-graduate course in Civil Engineering in five areas of specialization namely Structural Engineering, Geo-technical Engineering and Environmental Engineering, Transportation Engineering and Water Resource Engineering.
- 6-semester part time evening course in Industrial Metallurgy.
- 6-semester part-time M.Tech. course in Information Technology in Purabi Das School of Information Technology (PDSIT).
- 6-Semester part time M.Tech course in Safety and Occupational Health Engineering.
- 4-Semester full time course in Mechatronics.
- 4-semester full time course in Master of Business Administration (MBA) under School of Management Science (SOMS)
- 4-semester full time M.Sc. courses in Applied Chemistry, Applied Geology, Applied Mathematics and Applied Physics.
- 4-semester M.Sc. Course on Food & Nutrition Science

The University has been approved as a Q.I.P. Centre for **Master of Engineering** Courses in Civil Engineering, Electrical Engineering, Mechanical Engineering, Mining Engineering and Computer Science and Technology disciplines.

## **DOCTORAL PROGRAMMES**

The academic departments offer guidance and facilities for Ph.D. Programme. Total number of registered candidate in the doctoral program at present is more than 400.

## **CONTINUING EDUCATION PROGRAMMES**

From time to time, the academic departments organize various continuing education programmes including summer and winter schools sponsored by AICTE, ISTE etc. These departments also organize seminars and workshops for working engineers in collaboration with the industries and professional societies.

## **CENTRAL FACILITIES**

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

### **COMPUTER CENTRE**

All departments have computing facilities of their own. In addition, there is a Central Computer Centre which provides sophisticated computing machines for sponsored research and consultancy projects. All the departments, Computer Centre and all the hostels are connected in a campus wide network with fiber-optic backbone and the whole campus is wi-fi enabled.

### **LIBRARY**

The University library has the distinction of being one of the oldest and the largest resourceful technical library in the South-east Asia. The total area of the library is 3,000 square meter and it is open from 8.00 A.M. to 8.00 P.M. (Mondays to Fridays) and 9.00 A.M. to 1.00 P.M. (Saturdays and Sundays).

The library has hardware and integrated library management software, LIBSYS-4. The library is providing online search facilities (OPAC) of its database from any computer connected to the Internet through WebOPAC and four nodes installed in the library dedicated for the users. The library is connected with the local area network (LAN) of the University and providing e-mail and Internet browsing facilities to the users of the library. The present collection of books is about 1.32 lakhs and 40,000 bound volumes of journals, besides it 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 nineteenth century. The Library is a member of Indian National Digital Library in Engineering Science and Technology (INDEST) and UGC-INFONET Digital Library consortium of Information and Library Network (INFLIBNET) Centre and providing access to the following online full text electronic resources to the users:

1. American Society of Civil Engineers (ASCE) Journals
2. American Society of Mechanical Engineers (ASME) Journals
3. Economic and Political Weekly
4. IEEE/IEE Electronic Library (IEL Online)
5. ISID
6. JCCC@INFLIBNET

7. JSTOR
8. Science Direct
9. Springer Link

### **PRESS**

The university has a modest printing press with necessary staff and machines. The press is utilised to print University News Bulletins, Seminars and other miscellaneous materials. Recently, a Desk Top Publication System has been added.

### **WORKSHOP COMPLEX**

The Workshop Complex has nine engineering Shops to offer various training in different basic shop practice e.g., Carpentry Shop, Smithy Shop, Welding and Painting Shop, Fitting Shop, Machine Shop, Foundry and Pattern Shop, Boiler Shop, Electric Shop, Automobile Shop and Project Model Shop.

### **DEPARTMENT OF STUDENTS' ACTIVITIES**

Headed by a Professor-In-Charge of Students' Activities (PICSA), this department encourages and enables the students to participate in Games, Sports and various Cultural Activities.

### **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 University. The departments assists the students in arranging training in industrial establishments during summer vacation for the pre-final year students and also coordinates Post Graduate Practical Training for fresh graduates in collaboration with Board of Practical Training, Eastern Region , Govt. of India . The activity is organized by HRM Department through Campus/Off-campus process by reputed organizations. Following statistics of placement of students in jobs under initiative of the HRM Department reveals the demand of students of the University in job markets as well as its changing trend during the current years:

<b>Year</b>	<b>%</b>
2007-08	87
2008-09	75
2009-10	94
2010-11	90
2011-12	90
2012-13	93

## ADMISSION PROCEDURE

### Eligibility for Admission

UG admission is done through the Joint Entrance examinations conducted by the WBJEEB. The admission criteria in detail may be available from the website of the WBJEEB. However, some general information is given below.

Applicants for admission should be citizens of India. Applications will be entertained from candidates both male and female who have appeared/passed Higher Secondary (10+2) Examination this year with at least five subjects of which not more than two shall be vernacular subjects in General or Vocational stream of the Council of Higher Secondary Education, West Bengal, with English, Physics, Chemistry, Mathematics and Vernacular or any other subject (Full Marks not less than 100) or in equivalent examination of a recognized Board or university. A student shall be considered eligible for admission to the 1<sup>st</sup> year of the B.E./B.Arch. degree course of the Bengal Engineering and Science University, Shibpur **provided he/she has passed the Higher Secondary Examination (10+2) or equivalent in the subjects mentioned above with a minimum 45% marks for General candidates (a minimum 40% marks for SC/ST/PH candidates) in the subjects Physics, chemistry and Mathematics taken together and with minimum 30% marks in English (for all category of candidates).**

Students seeking admission to the Department of Architecture may see the additional details on NATA test and other stipulations from the website of the Council of Architecture, India.

### Reservations for SC/ST/PC and certain other categories :

- (i) 22%, 6% and 3% of the seats are reserved for Scheduled Caste, Scheduled Tribe and Physically Challenged students, respectively.
- (ii) In addition to the normal intake, a limited number of (a) foreign students, (b) students from other States and Union Territories and (c) sons and wards of India-based staff posted abroad, shall be admitted on the recommendation of MHRD, Govt. of India.
- (iii) Defence Quota: 3 seats are reserved. Students may be admitted from amongst the children of Defense personnel/Ex-servicemen. The candidate must appear in the WBJEE. They must secure at least the qualifying marks in their Higher Secondary (10+2) standard) or equivalent examinations as prescribed for the JEE-CSC. The admission to a particular discipline will be based on rank (opening to closing) of the SC/ST candidates who will be admitted to this University through JEE-CSC for 2011-12 session.
- (iv) A maximum of 5% seats (supernumerary) is reserved for Tution Waiver Scheme.



### **No. of seats in different UG disciplines**

Admission to different branches will be made according to the following list for the session 2013-14.

1.	Aerospace and Applied Mechanics	30
2.	Architecture	24
3.	Civil Engineering	90
4.	Computer Science & Technology	60
5.	Electrical Engineering	60
6.	Electronics and Telecommunication Engineering	40
7.	Information Technology	60
8.	Mechanical Engineering	60
9.	Metallurgy and Materials Engineering	30
10.	Mining Engineering	30
	Total	494

### **ADMISSION PROCEDURE**

#### **Joint Entrance Examination**

Each eligible candidate shall be required to appear and to qualify at a written test being conducted by the “West Bengal Board of Examination for Admission to Engineering and Technological Degree Colleges”. However this is not mandatory for the foreign students.

#### **Selection for Admission**

Candidates who reach qualifying standard at the written test will be offered admission by the WBJEEB in order of merit through on-line choice filling and multiple round of allocations.

#### **Admission**

The selected candidates will have to pay their dues on the dates mentioned in the admission form. The details of fees and other dues are shown under the heading DUES. Payment should be made only by Demand Draft/Pay Order. Any student failing to pay his/her claim for admission and his/her place will be filled up by another candidate, The admission fee and the first installment of other fees except caution money are not refundable. Each student must also submit with his admission fee three copies of his recent photograph (one passport size and two stamp size). One stamp size photograph will be pasted in the Identity Card with due attestation which will be issued to the students after admission. **The candidate must also submit attested copy of proof of age, qualification, SC/ST, Physically Challenge certificate etc.**

**Date of Commencement of Academic Session: 8 July, 2013 (1 August, 2013 for 1<sup>st</sup> Semester UG Class only)**

### **Accommodation Facilities**

Each Hall/Hostel of residence manages its own mess through duly elected Mess Committee which works under the guidance of Superintendent of the Hostel as Mess President. All boarders are provided with the two principal meals from the attached messes unless specially exempted by the PICSA. There are three hostels for girl students.

At the time of joining the University, each male student should provide himself with four pairs of trousers (out of which at least one should be white), four shirts (including one white full sleeved), two pairs of shorts (one black and one white), a pair of shoes, a pair of white canvas shoes and two pairs of socks (including one white). Similarly, each girl students should, apart from her usual dress, provide herself with a pair of white divided skirt, a pair of white blouses, a pair of white socks and a pair of white canvas shoes. Besides, each student must bring one mosquito net and necessary bedding. No student will be permitted to attend classes, laboratories or workshops in loose garments.

### **Delay in joining the University**

Any student who is unable to join the University on the opening day must send in an application for leave, countersigned by his guardian, stating the reason. 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 university after the expiry of one month from the opening of the session, unless specially permitted by the Dean (FET).

### **Removal from the University 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 University Rolls. Students considered to be unsuitable owing to ill-health, bad attendance, or other reasons are also liable to be removed from the Institution.

### **Students' attendance**

**A candidate having a record of attending 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 of B.E./B.Arch. Courses.**

### **Lateral Entry in 3<sup>rd</sup> Semester**

The applicant must be an Indian citizen and must have either (i) passed Diploma Course in Engineering/Technology or (ii) have passed all the previous Semesters and due to appear in the 6<sup>th</sup> Semester Examination 2013 of the Diploma Course in Engineering/Technology from any of AICTE approved Polytechnics of the country. Any Diploma holder (excepting Architecture and Pharmacy) securing at least 60% marks in the relevant discipline will be eligible for admission to second year of Degree Courses subject to the condition that they are merit listed by the West Bengal Joint Entrance Examination Board on the basis of Joint Entrance Examination (JELET 2013). There is no restriction regarding the age of the candidates. **Students joining the diploma course right after Madhyamik Examination and have not gone through 10+2 standard will not be accepted for admission.**

The Diploma holders of Architecture and Pharmacy are not eligible to apply.

Diploma holders will be admitted to Degree Course in Engineering /Technology in respect of the discipline for which Diploma is awarded.

### **Intake and Reservation**

Admission to Degree Courses by diploma holders will be governed by the reservation policy of the State Government. Lateral Entry will be limited to a maximum of 5% of the sanctioned intake in the respective discipline at first year level.

**Caste certificate (where applicable), Mark sheet and other relevant papers in original are required to be produced at the time of admission.**

## **GENERAL INFORMATION**

### **Compliance to University Rules:**

All students are bound by the University Rules and must obey such orders as may be issued from time to time by the appropriate authority. Serious breach of university Rules may entail removal from the University. Following rules should be rigidly followed:

(i) All new students, who have been allotted hostel accommodation, on their first arrival at the University, should report themselves to the corresponding Hostel Superintendent.

(ii) A Superintendent may not enter a student's name in the roll of the Hostel or assign him a seat, until he/she produces the Cashier's Receipt for the first installment of fees.

- (iii) Every student, on first joining the University, must provide himself with bedding and mosquito net. Except with special permission from the PICTSA, no furniture should be brought into the Institution.
- (iv) Students are not allowed to stay outside their hostels beyond 10 p.m. without prior permission from their respective Superintendents.
- (v) Disorderly or indecent conduct in the campus will lead to disciplinary action
- (vi) Students are liable to have their names entered in the Conduct Register maintained by the office of the Vice-chancellor for offences indicated below:
- Disobedience to orders
  - Absence without leave and
  - Insubordination or disrespect to the members of the University Staff.
- (vii) Students may be expelled for habitual or gross misconduct or for continued absence or neglect of work, or for frequent entry of their names in the Conduct Register.
- (viii) Students leaving their rooms must see that those are properly locked.
- (ix) Smoking within the campus including the Class Rooms, laboratories and Workshops etc. is strictly prohibited.
- (x) 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.
- (xi) The University swimming pool, beyond scheduled hours, and all ponds and jheels are strictly out-of-bounds for students.
- (xii) The Oval Ground is out-of-bounds after dusk.
- (xiii) Students found involved in the act of ragging will be punished as per rules.
- (xiv) No students should use slippers or chappals during class hours.
- (xv) Use of microphones, external lighting, VCR and Cable TVs in hostels are strictly prohibited.
- (xvi) Students are advised to carry Identity cards, specially when they move outside the campus.
- (xvii) Swimming and bathing are prohibited in: (a) The river Hooghly , (b) Ponds inside the campus.

(xviii) The main gate will be closed at 10.30 p.m. However, in case of urgent work students must get prior permission from the Hostel Superintendent to go outside after 7 p.m.

(xix) Study hours is 7.00 p.m. to 10.00 p.m. Loitering of the students in the campus after 7 p.m. will not be allowed. However, for consultations with their classmates, students may go to other hostels with prior permission of both the Hostel Superintendents.

If any student found loitering inside campus or outside without prior permission of the respective Hostel Superintendent disciplinary action may be taken against him/her.

(xx) Hostel gates will be closed at 10.30 p.m.

(xxi) If any student is found violating the rules and regulations, disciplinary action up to expulsion from the University may be taken.

(xxii) No bike/scooter will be allowed to remain in the Hostel.

**The candidates jointly with their parents at the time of admission of the students to the University will be required to furnish an undertaking in a prescribed format that the candidates will not indulge in any form of ragging. The University may take an appropriate action against the erring students.**

### **Medical Arrangement**

The campus inmates are under the general medical supervision of two Resident Medical Officers. There is a dispensary and a hospital within the campus, where minor cases of illness can be treated. Serious cases are referred to Government Hospitals. Besides, the University has universal membership for the Students Health Home, Kolkata.

### **Games and Sports**

Students are 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 any of the societies in the Students' Activity Centre.

### **National Cadet Corps (NCC) /National Social Services (NSS)/Physical Training :**

The University provides NCC/NSS/Physical Training as Compulsory Additional Elective Subject under extracurricular activity for all the 1<sup>st</sup> year (B.E. /B. Arch) students. The students both boys and girls not enrolled in NCC/NSS course must be enrolled in Physical

Training course. They will have to undergo Physical Training once in a week by specially trained Gents/Lady Physical Instructor.

Attendance will be given by Physical Instructor and 75% attendance is compulsory for each student. Marks will be given by Physical Instructor in consultation with the PICSA depending upon the performance of the student and the same will be forwarded to the Controller of Examination by PICSA after each semester examination.

#### **Dress Code for Physical Training :**

**a) During summer season the boy students should wear white coloured half pant with white color T-shirt and white color PT-shoe and socks. During winter season all boy students to wear blue track suit with yellow lining.**

**b) All girl students to wear white color salwar suit with white PT-shoes and socks. Every student must possess a complete set of P.T. dress as indicated above, before joining the course.**

#### **Vacations and Holidays**

The University has only one vacation – the Summer Vacation. No student may stay at the Hostels/Halls during the vacation without the special permission of the PICSA. Other than the two month plus summer vacation students enjoy Puja Holidays for about 10 days and a winter recess for a week. University holiday list and the academic calendar are available in the website [www.becs.ac.in](http://www.becs.ac.in).

### **DUES & CHARGES**

#### **University Dues**

The students are to pay the following dues and charges at the time of admission:

<b>Sl.No.</b>	<b>Item</b>	<b>Amount (Rs.)</b>
I	Admission fee (one time)	200
II	Registration fee (one time)	200
III	Students Activities and other fees (Annual)	100
IV	Caution Deposit (One time) (Refundable)	1,000
V	Infrastructural Maintenance Fee (per semester)	2,000
VI	Examination Fee (per semester)	1,000
VII	Tuition fee (per semester):	7,200
	<b>Gross Amount payable at the time of Admission:</b>	<b>11,700</b>

University fees as detailed in above is to be deposited in the UCO Bank of India 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, BESU, Shibpur**”, payable at Kolkata. The candidates will collect his/her copy of the Bank Receipt as well as the University’s copy of the Receipt and shall enclose the University’s copy of the Receipt together with his/her **Admission Form**.

### Hostel Charges

Hostel charges per semester as detailed below (for those who stay in Hostel) has to be paid in advance as and when they move to next semester.

Sl. No.	Item	Amount (Rs.)
1.	Hostel Maintenance Charge (per semester)	1,000
2.	Seat Rent (per semester )	600
3.	Electricity & water (per semester)	300
	<b>Total:</b>	<b>1,900</b>

(b) Hostel Maintenance Charges and Mess Dues are to be paid at the time of admission to Hostel: Hostel Charges of Rs. 1900/- is to be deposited in the United Bank of India, BESUS Branch. This branch is located in the ground floor of the Heaton Hall (Adjacent to Pandya Hall as well as Wolfenden Hall) within the University Campus, either in **Cash** or by **Demand Draft/Pay order** drawn in favour of “**Registrar, BESU, Shibpur**”, payable at Kolkata. The candidate should collect his/her copy of the Bank Receipt as well as the University’s copy of the Receipt and shall enclose the University’s copy of the Receipt together with his/ her **application form for admission to Hostel**.

(c) Caution Money will be forfeited if it is not claimed within 1 year after graduation or leaving the Institution for any other reason, whichever is earlier.

### Mess Dues :

Sl. No.	Item	Amount (Rs.)
1.	Mess Caution Money Deposit (Refundable )	1,000
2.	Mess Charge Advance (Adjustable )	1,000
3.	Mess Entrance Fee (Annual )	750
4.	Mess Charges (per month)* for 6 months	9,600
	<b>Total:</b>	<b>12,350</b>

\* The mess is run by the students with the supervision of the Hostel/Hall superintendent and logistic support from the mess staff. The exact amount of mess dues vary from time to time. Two major meals are supplied in the mess.

**Note:**

1. Mess dues of Rs. 12,350/- is to be deposited in the United Bank of India, BESUS, in Cash.
2. Mess Caution Money will be forfeited if it is not claimed within 1 year after graduation or leaving the Institution for any other reason, whichever is earlier.

**All Charges may change as per orders of the appropriate authority.**

## **SCHOLARSHIPS**

The University offers a large number of scholarships to its students. Practically every meritorious and/or financially poor students may get scholarship. Approximately 50% of the UG students are getting scholarships.

The scholarships are disbursed through the Scholarship cell, Registrar's Office. List of scholarship is available with the cell. The announcement for application to get the scholarship is usually done approximately in the month of September/October.

### **Tuition Fee Waiver Scholarship:**

Tuition fee waiver scholarship in the form of full/half free studentship will be awarded strictly on merit cum means basis as per the notification of the W.B. Government.

### **Other Scholarships, Stipends, Medals and Awards**

Apart from the above, there are many other Government and non-Government Scholarships and Stipends of various nature viz., Government of India National Scholarships, Loan Scholarships, Merit Scholarships for the Children of Primary and Secondary School Teachers, Scheduled Castes and Scheduled Tribes Stipend and "Vivekananda Youth Scholarship and Book Grant" Stipends for poor and meritorious students, and some other Trust Fund Scholarships available for the students.

#### **(i) Gold Medal**

A Gold Medal is awarded to the student with highest academic attainment in the Bachelor of Engineering Degree Examination of the University, on the occasion of Annual Convocation.

#### **(ii) B.E. College Alumni & Memorial Scholarship**

- (a) 40 Scholarships of the value of Rs. 10,000/- per annum to help needy students of B.E. College irrespectively of any branch. The Scholarship is funded by the generous donations from B. E. College Alumni and relatives of B.E. College



Alumni currently residing in the USA & Canada and payment is through the university.

- (b) BECAA, a Maharashtra Merit Scholarships Rs. 10,000/- per year for 2 scholarships.
- (iii) Two Nos. of BEC 1955 Entrants Awards @ Rs. 10,000/- each to the highest ranking boy and highest ranking girl in general category in the Joint Entrance Examination joining the B.E.S.U., Shibpur.
- (iv) **BECAA (57-61) Scholarship – 4 Nos. @ Rs. 12,000/- p.a.**
- (v) **Jogesh Chandra Banerjee Memorial Scholarship – 4 nos. @ Rs. 6,000/- p.a.**
- (vi) **Dr. S.P. Brahma Memorial Scholarship**

One scholarship @ Rs. 6,000/- per annum is awarded to a student of Civil Engineering Department on the basis of Joint Entrance Examination results. However, the scholar may continue to get the scholarship in all the rest three years provided he is among the top five of his class.

**(vii) Von Neumann Scholarship**

One Scholarship @ Rs. 2500/- per annum to a third semester student of CST/ETC department with a low family income.

**(viii) Dr. Pradyut Roy Steinmetz Scholarship**

- (a) 2 Scholarship @ Rs. 3600/- per annum from 2<sup>nd</sup> year and onwards who would secure highest marks in aggregate in part –I examination provided he/she is regular and passes all examinations in the first chance. This scholarship is payable to Metallurgy and Architecture branch ( one from each branch )
- (b) 2 prizes of Rs. 2,200/- each would be awarded to two students one from Metallurgy and the other from Architecture department who would secure top position in the B.E./B.Arch. Final Examination respectively.

**(ix) R.& K. Ahmed Merit Scholarship**

One Scholarship of the value of Rs. 2000/- per annum awarded to an outstanding graduating Metallurgy student each year

**(x) Indranil Mallick Memorial Award**

Medals and Prizes are awarded to Electrical Engineering Students to encourage and promote their proficiency in curricular and extra-curricular activities, in memory of Indranil Mallick (1969-92) who graduated in Electrical Engineering in 1992.

**(xi) Pulakesh Prasad Roy Memorial Award**

Prizes / medals are awarded to E.E. students for the sole and singular purpose of elevating the academic standard of the students of E.E. Approximately there are twelve awards of about Rs. 1000/- each year in memory of Pulakesh Prasad Roy (1968-96) who graduated in Electrical Engineering in 1991.

**GAABESU SCHOLARSHIPS**

Other than the above scholarships several other scholarships are offered to the students by the Global Alumni Association of this University. These scholarships are offered by individuals as well as past alumni batches and several chapters of Alumni situated all over country and beyond. GAABESU acts as the nodal agency for these scholarships. For details see [www.becollege.org](http://www.becollege.org).

**MIGRATION**

A candidate who is registered with a Board/Council other than West Bengal Council of Higher Secondary Examination and/or a University other than the Bengal Engineering and Science University, Shibpur shall have to produce a migration certificate and pay the requisite Registration fee to the Bengal Engineering and Science University, Shibpur within four months from the date of admission failing which his/her admission to any course under the Bengal Engineering and Science University, Shibpur is liable to be cancelled.