



**HETC**  
SINCE 2004

**HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE**  
Developing Human Resources

Information Brochure 2020



[www.hetc.ac.in](http://www.hetc.ac.in)



## ABOUT THE COLLEGE

HETC is run and managed by HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE SOCIETY.

The Society consists of eminent educationists, renowned professors and reputed social workers etc.

The objective of the society is to disseminate Scientific and Technical knowledge at different levels of teaching and learning process.

HOOGHLY ENGINEERING & TECHNOLOGY COLLEGE, since its inspection has set a goal to impart quality technical education with constant endeavour to achieve higher levels of academic excellence.



## HETC AT A GLANCE



A Society Run College



A Non-Profitting Institute



A Self-Financed Institute



No Management Quota & Capitation Fee





## VISION

To develop professionally competent and socially responsible human resources by imparting quality education in the field of engineering and technology.

- To impart learner-centric and comprehensive education that fosters holistic growth and encourages application of acquired knowledge in different areas of professional and social functioning, research and entrepreneurship.
- To create a dynamic and innovative teaching-learning process with focus on continuous up-gradation of teaching resources, tools and technologies.

## MISSION



### COURSES OFFERED (B. TECH)

Sl.	Name of the Departments	Approved Intake in 2019-20	Intake Applied for 2020-21
01	Computer Science and Engineering (CSE)	60	90
02	Electronics and Communication Engineering (ECE)	60	60
03	Electrical Engineering (EE)	60	60
04	Mechanical Engineering (ME)	60	30
05	Civil Engineering (CE)	60	60

## INDUSTRY- ACADEMIA PARTNERSHIP

To facilitate academic, research activities and industrial trainings, our college under the guidance of Hooghly Engineering & Technology College Society has made agreement (MoU) with the following organizations:



GIDS ENGINEERING PVT. LTD.  
(GIDS-EPL)



EFRAME INFOMEDIA PVT LTD.  
(EIPL)



GEETANJALI SOLAR ENTERPRISE  
(GSE)



NEOGI TECHNOLOGIES PVT. LTD.



NETCOM INFOTECH PVT. LTD.

Several other organizations are in the process of making agreement with HETC.

Approved by **AICTE** | Affiliated to **MAKAUT** (Formerly WBUT) | Recognized by **UGC**

**16 Years** of All round Excellence | **2500** Students **Employed** in Top-Notch Companies

## EXPERIENCED & EFFECTIVE FACULTY



*“Educators help change the world every single day”*

- HETC imparts quality technical education that enables the students to grow as successful professionals in their future life
- Prof. (Dr.) Sumanta Bhattacharyya, an alumnus of IIT Delhi and the Principal of HETC, leads a team of qualified and energetic faculty members and technical assistants as per the AICTE guidelines
- 60 faculty members
- 22 technical assistants
- 10 faculty members have doctorate degree i.e. Ph.D
- 25 out of 60 faculty members are pursuing Ph.D
- 2 faculty members have more than 40 years teaching & industry experience
- 5 faculty members have 21 to 40 years teaching experience
- 32 faculty members have 10 to 20 years teaching experience
- 23 faculty members have 5 to 9 years teaching experience
- Average teaching experience of faculty members is 13.7 years
- Faculty members of HETC have published 260 journal and 450 conference papers
- Existing faculty members of HETC have authored 5 books
- 38 faculties are members of IEEE, Science Congress, Indian Road Congress, Calcutta Mathematical Society etc.

## ACADEMIC PERFORMANCE

Academic performance of the students is considered to be the foundation of an academic institution. In this regard we may take pride in stating the excellent and consistent performance of the students in university examinations. Outstanding growth in university result of the students substantiates the effective and comprehensive teaching system in HETC.

YEAR OF GRADUATION	2019	2018	2017
<b>Graduation Level (B. Tech.) Performance</b> DGPA 7.25 and above i.e. equivalent to 65% marks	91%	91%	90%
<b>Entry Level Standard</b> 60% and above in 10 <sup>th</sup> Standard and 10+2 Standard	96%	96%	94%







## LIST OF PRESTIGIOUS ORGANIZATIONS WHERE STUDENTS ARE TRAINED IN SUMMER AND WINTER SESSIONS

### INDUSTRIAL TRAINING

The well organized Training & Placement Cell of the College arranges vocational & need-based training for students in industries for 4 – 6 weeks at the end of the 4<sup>th</sup> & 6<sup>th</sup> Semester. The students of the college undergo their trainings at various prestigious organizations.

#### Computer Science & Engineering



TCS > Eduplex Solutions Pvt. Ltd. > IBM > Data Brio Academy > Globsyn Skills > DRDO Webtek Labs Pvt. Ltd. > NIELIT > NIVT > NIIT > ARDENT Computech Pvt. Ltd. > Internshala ESL > Aptech Computer Education > myWBUT > CSI, Kolkata Chapter > Simoco Education CEIAT > NETCRAFT > M.N.Dastur & Company (P) Ltd. > Impact Academy and *many more*...

Indian Oil Corporation Limited > Garden Reach Ship Builders & Engineers Limited BURN STANDARD Co. Ltd. > Metal & Steel Factory > Eastern Railway > Damodar Valley Corporation > The National Small Industries Corporation Ltd. > Jindal (India) Limited Britannia Engineering Ltd. > AIR INDIA > NTPC-SAIL Power Company Pvt. Ltd. > Ichapur Rifle factory > Dankuni Coal Complex > Public Health Engineering Department > ITC Limited > Paharpur Cooling Towers > Ordnance Factory > HPMC > Kesoram Industries Limited > Tata Steel Limited > South Eastern Coalfields Limited > Tata Cummins > Linde India Limited > Tata Motors and *many more*...

#### Mechanical Engineering



#### Civil Engineering



Kolkata Metropolitan Development Authority > Kolkata Metropolitan Water & Sanitary Authority > Central Public Works Department > Irrigation & Waterways Directorate Public Works Directorate > West Bengal Housing Board > ITD-ITD CEM Joint Venture M.C. Construction > Simplex Infrastructures Limited > Dia Consultants & Engineers Pvt. Ltd. > Bridge & Roof Co. (India) Ltd. > Siddha Group > Tata Metaliks Limited > Mackintosh Burn Limited > Damodar Valley Corporation > Paharpur Cooling Towers > Unitech Limited > Public Health Engineering Department > STUP Consultants P. Ltd. and *many more*...

Damodar Valley Corporation > CESC Limited > The National Small Industries Corporation Ltd. Britannia Engineering Ltd. > Eastern Railway > West Bengal State Electricity Transmission Co. Ltd. > Marathon Electric Motors (India) Limited > The Durgapur Projects Limited > NTPC Limited > AIR INDIA > Mother Dairy Calcutta > Danieli India Limited > Tata Steel Limited Shapoorji & Pallonji Group > SAIL Power Company Pvt. Ltd. > Bhusan Power & Steel Ltd. Kesoram Industries Limited > ITC Limited and *many more*...

#### Electrical Engineering



#### Electronics & Communication Engineering



BSNL > Eastern Railway-Signal & Telecom > IBM > Ardent Computech Pvt. Ltd. > Simoco NIVT > Haldia Dock Complex > Prasar Bharati > NTPC > Airport Authority of India Globsyn Skills > All India Information Technology Association > WEBEL > XESP > STQC Directorate > ITC Ltd. > Jaya Shree Textile > Ardent Computech Pvt. Ltd. > Tech Learning Solution Pvt. Ltd. > DRDO > Barnaparichay Academy and *many more*...

# ONLINE TRAININGS @ HETC

The college regularly organizes technical trainings keeping in mind the current requirement of the industry. Some of the important technical trainings organized in 2019-2020 are furnished below:

Free and Open Source Software (FOSS) Training (through Spoken Tutorial) in collaboration with IIT-Bombay under NMEICT, MHRD, Govt. of India were organized in the session 2019-2020 for all the students.

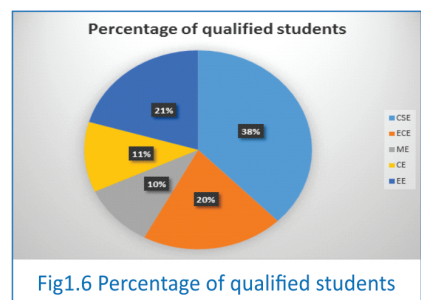
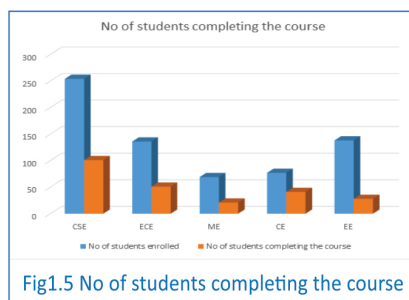
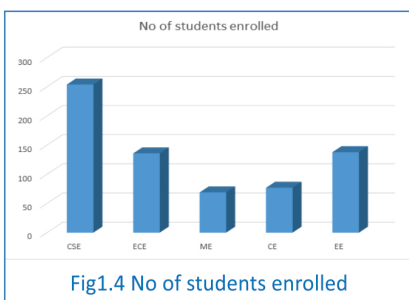
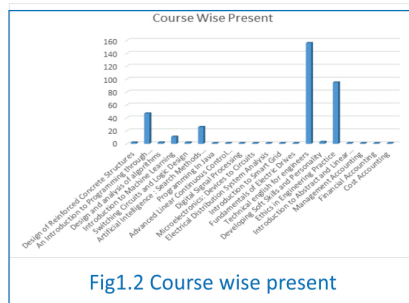
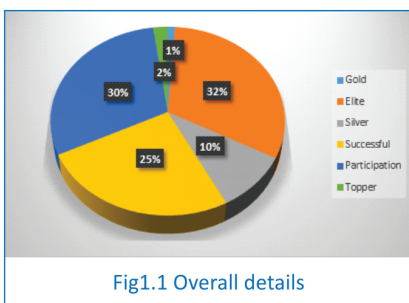
The details of training are given below:



COMPUTER SCIENCE & ENGINEERING	ELECTRONICS & COMMUNICATION ENGINEERING	ELECTRICAL ENGINEERING	MECHANICAL ENGINEERING	CIVIL ENGINEERING
Firefox	Firefox	Firefox	Firefox	Firefox
Ktouch	Ktouch	Ktouch	Ktouch	Ktouch
Linux	Advance C	C and C++	Advance C	Libre Office Suite Base
Advance C	Java	Scilab	Linux	QCAD
Scilab	Scilab	eSIM	QCad	
Java	Python	LaTeX	Scilab	
PHP	Oscad		LaTeX	
MySQL				



## REPORT FOR JUL-DEC'2019 SESSION (SWAYAM-NPTEL)







## TRAINING, TEACHING, TUTORIAL ...

### For 1<sup>st</sup> Year Students

- Class Room Teaching
- Information and Communication Technology (ICT) based Teaching
- Information and Communication Technology (ICT) based Training
- Tutorial and Remedial classes
- Laboratory Practice
- Workshop
- Soft Skills Training
- Free and Open Source Software Training (Through Spoken Tutorial in collaboration with IIT-Bombay under NMEICT, MHRD, Govt. of India)
- MOOCS Courses

### For 2<sup>nd</sup> Year Students

- Class Room Teaching
- Information and Communication Technology (ICT) based Teaching
- Information and Communication Technology (ICT) based Training
- Tutorial and Remedial classes
- Laboratory Practice
- Soft Skills Training
- Aptitude Training by reputed professional organization
- Free and Open Source Software Training (Through Spoken Tutorial in collaboration with IIT-Bombay under NMEICT, MHRD, Govt. of India)
- MOOCS Courses



### For 3<sup>rd</sup> Year Students

- Class Room Teaching
- Information and Communication Technology (ICT) based Teaching
- Information and Communication Technology (ICT) based Training
- Tutorial and Remedial classes
- Laboratory Practice
- Industrial Training
- Soft Skills Training
- Aptitude Training by reputed professional organization
- Free and Open Source Software Training (Through Spoken Tutorial in collaboration with IIT-Bombay under NMEICT, MHRD, Govt. of India)
- MOOCS Courses
- In house training for GATE

### For 4<sup>th</sup> Year Students

- Recapitulation of all kinds of training received in the previous years
- Class Room Teaching
- Information and Communication Technology (ICT) based Teaching
- Information and Communication Technology (ICT) based Training
- Tutorial and Remedial classes
- Laboratory Practice
- Industrial Training
- Soft Skills Training
- Aptitude Training by reputed professional organization
- Free and Open Source Software Training (Through Spoken Tutorial in collaboration with IIT-Bombay under NMEICT, MHRD, Govt. of India)
- MOOCS Courses
- In house training for GATE





## ENTREPRENEURSHIP DEVELOPMENT

The Entrepreneurship Development Cell of HETC functions for motivating and facilitating learners towards an alternative revenue of career development. It aims at bringing out the entrepreneurial spirit among the students. The objective of the cell is to promote entrepreneurial capabilities among the students to produce future techno-entrepreneurs.

## PLACEMENT

Training and Placement Cell is the framework for helping students to develop their personal and organizational skills, knowledge and abilities so as to enhance their personality and thereby get placed in an organization which has global presence. HETC is one of the very few colleges where the concept of training has been implemented and proved successful. The Placement Cell works sincerely to empower students with various qualities and skills to achieve professional and personal excellence.

Following are some of the reputed companies in which our students had been assessed and subsequently selected:



SEARS HOLDINGS







Asahi India Glass Ltd.



# HETC ACHIEVERS 2019 – 20

## 2500 Students Employed in Top-Notch Companies



Soumili Bhakto  
Anza Services



Sohini Ghosh  
Poornam Info Vision



Tiyasa Mondal  
ZENSAR Technologies



Subhranil Chatterjee  
Anza Services



Urjash Chakraborty  
CTS



Vishal Mishra  
CTS



Deb Kumar Das  
CTS



Shiuani Singh  
CTS / Mindtree



Sounak Mondal  
CTS



Rohit Sue  
TCS / CTS



Shashikant Show  
Infosys / CTS / TCS / Wipro



Shubhrojyoti Sanbui  
CTS



Priyanka Bhoumick  
CTS



Gholam Azrum  
CTS



Md Warish Ansari  
Pinnacle Infotech Solutions



Sathi Bhowmick  
CTS / TCS



Surajit Ghosh  
Joyrath Projects Private Limited



Sayantan Chatterjee  
Pinnacle Infotech Solutions



Md Jabid Hussain  
Pinnacle Infotech Solutions



Priti Paul  
Pinnacle Infotech Solutions



Mukesh Kumar Show  
Infotech Solutions



Souradeep Ganguly  
Vansh Constructions Pvt. Ltd.



Atanu Pachal  
Joyrath Projects Private Limited



Kingshuk Pal  
CTS



Tuhin Kumar Das  
Vansh Constructions Pvt. Ltd.



Arnob Roy  
Pinnacle Infotech Solutions



Priyanka Kumari  
Vansh Constructions Pvt. Ltd.



Oyen Roy  
Joyrath Projects Private Limited



Sourav Roy  
TCS



Tanya Anand  
Kovair Software Private Limited



Bappa Guha  
Borze India Pvt. Ltd.



Dona Munshi  
Borze India Pvt. Ltd.



Allshah Kumar Gupta  
Pinnacle Infotech Solutions



Abir Bepari  
Joyrath Projects Private Limited



Ritika Das  
Norfox Solutions Pvt. Ltd.



Sagor Saha  
Pinnacle Infotech Solutions



Vikram Prasad Shaw  
Kovair Software Private Limited



Aninda Ganguly  
WIPRO



Bishwadeep Bose  
Indian Oiltanking Limited



Archana Kumari  
CTS



Indranil Pal  
Vansh Constructions Pvt. Ltd.



Nitiin Pawan  
Anza Services



Sangita Sharma  
Indian Oiltanking Limited



Shouvik Basu  
WIPRO



Sayani Bhowmick  
Pinnacle Infotech Solutions



Ashis Kulla  
Koyo Electronics India Pvt. Ltd.



Suvam Das  
Pinnacle Infotech Solutions



Arunava Mondal  
Joyrath Projects Private Limited



Subhomoy Chatterjee  
TCS



Tanmoy Mustafi  
Pinnacle Infotech Solutions



Prasant Long  
Pinnacle Infotech Solutions



Suchibrata Das  
CTS



Pritam Das  
CAPGEMINI



Subhayan Chaki  
AMAZON



Ritwik Mondal  
Indian Oiltanking Limited



Anirudha Roy  
CAPGEMINI



Priathamou Choudhuri  
TCS



Soumi Poddar  
Norfox Solutions Pvt. Ltd.



Riya Saha  
CTS



Krishnendu Das  
Joyrath Projects Private Limited



Tomosa Sarkar  
Norfox Solutions Pvt. Ltd.



Soumili Das  
CTS



Manohar Jha  
Kovair Software Private Limited



Swarnendu Chakraborty  
CAPGEMINI



Souvik Bhadra  
Joyrath Projects Private Limited



Ritwik Banerjee  
AMAZON





Suman Banerjee  
CTS



Saikat Ganguly  
VOXAI IT Solutions Pvt. Ltd.



Saswati Roy  
VOXAI IT Solutions Pvt. Ltd.



Pritam Mondal  
INFOSYS



Souvik Bhattacharyya  
INFOSYS / TCS



Nabanita Mukherjee  
TCS



Prokita Ghosh  
Cloudkaptan



Moumita Roy  
Norlox Solutions Pvt. Ltd.



Supriya Roy  
Sears Holdings Corporation



Saikat Dey  
INFOSYS



Moumita Das  
Cloudkaptan / TCS



Smita Das  
TCS



Ishita Chanda  
HANSA SOLUTIONS / TCS



Chayan Paul  
Pinnacle Infotech Solutions



Debanjana Bishnu  
Capgemini



Indrani Paul  
Capgemini



Rishav Shau  
TCS



Diya Chatterjee  
Wipro / CAPGEMINI



Pravesh Kumar Jha  
ANZA Services / TCS / JMC



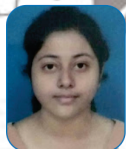
Jeet Shankar Bhattacharya  
CTS / Wipro



Sreejan Sarkar  
Pinnacle Infotech Solutions



Krisham Kumar Ghosh  
Infotech Solutions



Suneha Ghosh  
TCS / Wipro / CTS



Anjali Prasad  
TCS / Wipro



Indrajit Datta  
Bozon Technologies  
Private Limited



Souptik Roy  
Bozon Technologies  
Private Limited



Biju Das  
Vansh Constructions  
Private Limited



Mainak Das  
TCS

and many more students ...

## GATE QUALIFIED STUDENTS 2019 – 20

### CSE

Saikat Dey  
Souvik Bhattacharyya  
Moumita Das  
Kingshuk Pal

### CE

Samrat Saha  
Srija Mukherjee  
Arnab Kundu  
Soham Bhattacharyya

### ME

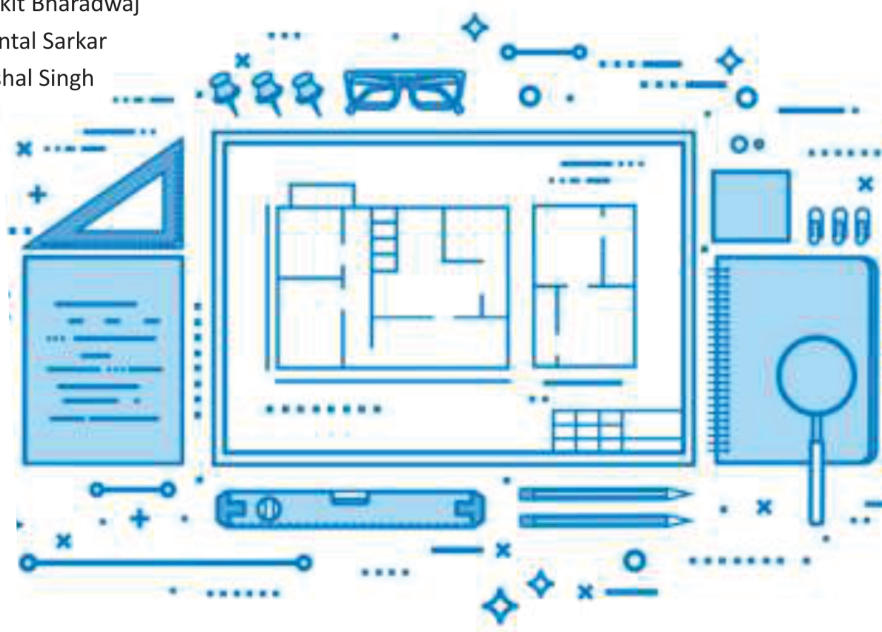
Ananya Banerjee  
Tushar Kanti Saha  
Chinmay Biswas

### ECE

Srijita Singha Roy  
Shamshad Alam  
Vishal Prasad

### EE

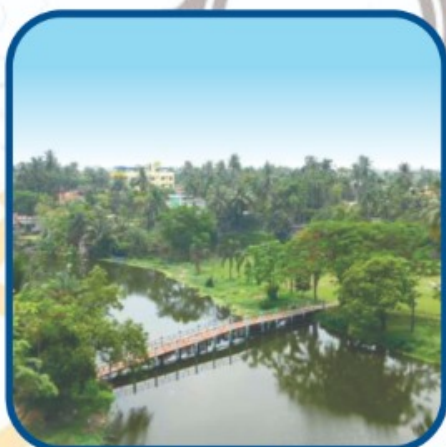
Ankit Bharadwaj  
Kuntal Sarkar  
Vishal Singh





## RANKING AND RECOGNITION

- The institute has been recognized by UGC under Section 2(f) of UGC Act, 1956.
- HETC is an ISO 9001:2008 | ISO 14001:2004 and OHSAS 18001:2007 certified institute.
- We feel proud that Hooghly Engineering & Technology College (HETC) ranks 58<sup>th</sup> among India's top 100 Tech schools. The ranking was done on the basis of survey of colleges, employees, and alumni etc. This survey was conducted by India's most trusted group DATA QUEST-CMR SURVEY on May 31<sup>st</sup>, 2015.
- Further pride added to HETC that the college has been ranked 190<sup>th</sup> among India's top 700+ Engineering colleges across India. This ranking system calculates and combines four parameters of a college's quality: the employability of its graduates, research productivity, faculty qualifications and fill rates by EDU-RAND Engineering College Rankings 2015 conducted by EDU-RAND Corporation.
- Recognized as Best New Local Chapter by SWAYAM-NPTEL, Ministry of HRD, Govt. of India.
- Hooghly Engineering & Technology College secure an All India rank 91 out of 2830 colleges participating in Internship Day 2019



## CAMPUS LIFE

### Green & Clean

With State – of – the - Art – Technology, HETC is a vibrant campus spread over an area of 10 acres. The charismatic cleanliness and lush green campus provides an environment suitable for studies. The water body amidst the campus adds a special charm to the overall beauty. The college is indeed proud of this green and pollution-free ambience which has been conducive to a good educational ambience.



You will always feel blessed to be a part of this amazing campus life, for it gives you memories to treasure for a lifetime.

## RAGGING FREE CAMPUS

Anti-ragging measures are controlled by two separate bodies namely (i) Anti-Ragging Committee and (ii) Anti-Ragging Squad. Anti-Ragging Committee is formed of representatives from Civil Administration, Local NGO, Parents/Guardians, Faculty and Administrative staff members. Anti-Ragging Squad is formed of the members from faculty, technical assistants and staff members. Senior students are also included in the committee. Monthly meetings are held to review the situation time to time. Strict vigilance is maintained throughout the college working hours by the team members for a period of 3-4 months time after the new admission is complete every year.



“After I Joined HETC in Computer Science & Engineering for the 2014 – 2018 session, I was relieved to be in friendly, supportive environment as I got acquainted with the unknown and challenging features of college life. With the help of friendly seniors, caring faculty members and helpful administrative staff members, soon my friends and I became a part of the institution.”

– Abir Lal Pal | CSE | 2014– 18

“Like every parent, I was worried about my son when he joined Hooghly Engineering and Technology College in 2013. My worries mainly grew from the news that we hear from the different engineering colleges not only in our state but also throughout the country. But I am very happy that my son studied in a ragging free, education friendly environment. It is important that every student leads a happy college life in the career building phase of their lives.”

– Dr. Asis Pal, Father of Abir Lal Pal, Bandel





# CAMPUS AMENITIES

## HOSTEL – Home away from Home

Though a non-residential institute, HETC provides well organized hostel facilities for both girls and boys separately:

- The girls' hostel accommodating fifty students is within the college campus under proper surveillance.
- Separate boys' hostel is situated close to the college campus.
- All the hostels are well furnished and equipped with facilities for comfortable staying.



## AUDITORIUM

There are two State-of-the-Art air conditioned auditoriums to hold several kinds of activities throughout the year. Both the auditoriums are backed by modern multimedia system and frequently used for presentations, seminars, lecture, Tech Fest etc.

The auditorium in the ground floor can accommodate up to 200 people comfortably and it is also used as a smart class room in case of special trainings conducted by the Training and Placement Cell.

The newly built spacious auditorium with gallery system has a fixed stage and can accommodate up to thousands of audience comfortably.

## HEALTH CARE

A well equipped students' health home with experienced doctors is situated right across the road in front of the college. Students get different sorts of medical care ceaselessly.



## CAFETERIA

A spacious canteen within the campus caters hygienic and nutritious food to the students and staff members. Nevertheless, there is round the clock pure drinking water supply.

## STATIONERY & PHOTOCOPY CORNER

A stationery store with facility of photocopier exists within the campus for students and staff members.

## SPORTS CORNER

- The college provides playgrounds for soccer, volleyball, cricket and badminton. All necessary equipments and accessories required for these games are also provided.
- There are spacious common rooms for boys and girls separately, with facilities of indoor games.



## 24 X 7 SECURITY

The security section is managed by dedicated professionals both in college campus as well as in the hostels. There is electric supply backed by generators throughout the day.



## STUDENTS' ACTIVITIES

### ORIENTATION PROGRAMME

The students organize Orientation Programme every year to welcome the newly admitted students.

### ANNUAL MAGAZINE – ETHNIC

The annual magazine of the college, ETHNIC, is published by the students in the month of May every year. Ethnic serves as a proper platform for the budding talents to showcase their creations.

### ANNUAL CULTURAL FEST- UTKARSHA

The students organize the annual cultural fest, UTKARSHA, every year. Besides renowned bands and singers, the students get an opportunity to exhibit their skills and hidden talents in the field of performing art.

### TECHNICAL FEST – TECHetc

The technical fest of HETC is known as 'TECHetc'. It is a two day long state level technical fest for students across the state. The primary objective of the tech fest- 'TECHetc' is to help the students imbibe technical innovativeness and to provide them with an opportunity to demonstrate their engineering skills, knowledge and interests. The two-day event turns out to be extremely interesting and also provides a learning platform for all the students, giving them a practical experience of teamwork and organizational skills.



## COMPUTING FACILITIES HETC presents a variety of IT facilities to its students



- HETC owns four high end IBM servers for maintaining the college network, database, library and other computing facilities.
- The entire college campus is 4G Wi-Fi enabled (including Hostel).
- The College owns 34 Mbps internet connection from Sify and Airtel and thus provides secured, high-speed network connections to all corners of the campus.
- Total 30 nos. of latest application software, system software & compiler.
- There are seven state-of- the-art computer laboratories, equipped with high end Intel core i5 desktop computers (350 nos.), scanners and printers.
- The computing environment is primarily made up of LINUX systems along with a large number of Windows systems.

## COLLEGE LIBRARY

The Library of an education institution is regarded as the 'Nerve Centre of Knowledge', the centre of intellectual life and the heart and soul of the academic activities. The discoveries and developments are actually made in the Library and subsequently tested in the Laboratory. It helps the professionals of engineering education in updating their ability and knowledge about new outlook, concept and study of new inventions in engineering education.

Our college library is fully automated and air-conditioned. Apart from the Central Library, the college has departmental Libraries as well. The library has more than 2000 titled books and 38,000 book volumes. Digital Library facility has been installed in the library and it will be put into operation shortly.



Our Central Library is well equipped and fully automated with LIBSYS Software. Apart from the Central Library, the college has Departmental Libraries as well. The library has good number of collections with printed materials as well as e-resources. The library has subscribed e-books and online journals from Videeya and DELNet. The library has provides Institutional Repository Service with DSpace SOFTWARE and OPAC services also.





# LABORATORIES OF ALL DEPARTMENTS

## BASIC SCIENCE AND HUMANITIES

- Physics Lab
- Chemistry Lab
- English Communication and Language Lab

## ECE

- Basic Electronics Engineering Lab
- Solid State Device Lab
- Signal & System Lab
- Analog Electronic Circuits Lab
- Digital Electronic & Integrated Circuits Lab
- EM Theory & Transmission Lines Lab
- Antenna Lab
- Microwave Lab
- Analog Communication Lab
- Digital Communication Lab
- Optical Communication & N/W Lab
- Advance Communication Lab
- Microprocessors & Microcontrollers Lab
- Control System Lab
- Digital Signal Processing Lab
- Electronic Measurement & Instrumentation Lab
- Microelectronics & VLSI Design Lab
- Design Lab
- Project Lab

## CSE

- Programming Lab
- Numerical Methods Lab
- Data Structure Lab
- Software Tools Lab
- Software Engineering Lab
- Operating System Lab
- Object Oriented Programming Lab
- Design and Analysis of Algorithm Lab
- Database Management System Lab
- Internet Technology Lab
- Computer Organization and Architecture Lab
- Artificial Intelligence Lab
- Computer Network Lab
- Internet Lab
- Design Lab
- Project lab

## EE

- Basic Electrical Lab I & II
- Circuit Theory Lab
- Electric Machine Lab I & II
- Electrical and Electronic Measurement Lab
- Power System Lab I & II
- Power Electronics Lab
- Control System Lab I & II
- Electric Drive Lab
- Electrical System Design Lab I & II
- Project Lab

## CIVIL

- Building Design & Drawing Lab
- Surveying Practice Lab I & II
- Autocad & STAAD. Pro Lab
- Design and Detailing of R.C & Steel Structures Lab
- Fluid Mechanics Lab
- Solid Mechanics Lab
- Soil Mechanics Lab I & II
- Environmental Engineering Lab
- Quantity Surveying Lab
- Concrete Technology Lab
- Highway & Transportation Engineering Lab
- Project Lab
- Geology Lab

## ME

- Engineering Drawing & Computer Graphics Lab
- Workshop Practice Lab
- Machine Drawing Lab
- Applied Mechanics Lab
- Fluid Mechanics and Hydraulics Lab
- Manufacturing Technology Lab
- Material Testing Lab
- Applied Thermodynamics and Heat Transfer Lab
- Design Lab
- Metrology and Measurement Lab
- Machining and Machine Tools Lab
- IC Engine Lab
- Dynamics of Machine Lab
- Air Conditioning and Refrigeration Lab
- Advanced Manufacturing Lab
- Project Lab



## LANGUAGE LAB

In order to prepare students to face the corporate world, HETC has built a state-of-the-art language lab. This language-cum-personality development lab enhances the soft skill needed to excel. The students are well groomed to face actual interviews and group discussions with confidence. They learn the techniques used for proper communication to emerge as effective leaders. This lab has been designed and set up by Centre of Advance Communication, STEP, IIT Kharagpur and is comparable to the ones in BESU, Shibpur.



## WORKSHOP

The spacious and well equipped workshops impart training in Carpentry, Fitting, Welding (Arc & Gas), Brazing & Soldering, Machining, Sheet Metal Work and Foundry in concurrence with the MAKAUT (WBUT) course curriculum. The Tin-Smithy shop ensures availability of all equipments and instruments.

## LECTURES, SEMINARS & WORKSHOPS ORGANISED



A Thalassemia Awareness and Detection Camp was organized in association with the Ranaghat Thalassemia Detection Centre in the college campus on 3rd September, 2019.



The Orientation Programme for newly admitted 1st Year students was held on 1st August, 2019.



Students of all the departments jointly celebrated "Teachers' Day" on 5th September, 2019 by felicitating the teachers and organizing cultural programmes.



Self-Defense training was held during 2nd to 16th August, 2019.



A Blood Donation Camp was organized in association with Kothari Medical Centre Blood Bank on 20th September, 2019.



Paschimbanga Vigyan Mancha organized a Science Awareness Camp on 3rd August, 2019.



A workshop on Solar Lantern was held on 2nd October, 2019 to commemorate Mahatma Gandhi.



Mr. Chandan Clement Singh, a Nature Activist, delivered a speech on 6th August, 2019.



A seminar by Mr. Ankuran Das on Entrepreneurship Awareness was organized by the ED Cell of HETC on 5th November, 2019.



A rally on AIDS Awareness was organized by the NSS unit in association with PBVM on 1st December, 2019, World AIDS Day.

## DEPARTMENTAL ACTIVITIES

### ➤ Civil Engineering Department

Department of Civil Engineering took up a consultancy work on Testing of Concrete Cube Moulds of various grades for Bansberia Highway Division – I & COSMIC.

### ➤ Computer Science & Engineering Department

A Seminar on "Biometric Security" was organized on 24th October, 2019, 11 am onwards at the Seminar Hall. The seminar was delivered by Dr. Somnath Dey, Associate Professor, IIT Indore.





## STUDENTS SPEAK



"Outstanding professors from JU, IEST and IIT comprise our panel of faculty. The library is amazing with a huge variety of resources. Apart from books there is a diversified collection of foreign journals and periodicals."

**Rohan, CE, 2<sup>nd</sup> Year**



"Necessary soft skill training along with continuous mentorship of the faculty members keeps us updated with latest information and equips us to crack our exams and interviews. In fact, I have cleared the GATE examination."

**Ananya, ME, 4<sup>th</sup> Year**



"Since we have experienced a totally no ragging scene, it is our responsibility to welcome the new comers with the same friendly attitude."

**Aritra, ME, 3<sup>rd</sup> Year**



"The faculty members are extremely student friendly. They help a lot providing us with most valuable and necessary subject knowledge. We also get access to the notes or any notices round the clock by logging into the Students Forum in our Wi-Fi enabled campus."

**Pratyush, ME, 2<sup>nd</sup> Year**



"Unlike other colleges, our college does not brag about having state-of-the art infrastructure only. Our college, in its truest sense, is backed by the most modern and well equipped laboratories."

**Saikat, CSE, 4<sup>th</sup> Year**



"Our teachers plant the seeds of knowledge into us, sprinkle them with love, care and affection and patiently nurture our growth in order to produce tomorrows' dreams."

**Ahana, ECE, 1<sup>st</sup> Year**



"It's a pleasure to complete my B.Tech course from HETC. The faculties are extremely helpful and the campus is totally ragging free. I have been placed in a well reputed core company through campus recruitment drive."

**Debanik, CE, 4<sup>th</sup> Year**



"A right decision at the right moment always leads towards the success. HETC made my college life special and memorable. It's not only a college for engineering education but also provides a platform for the grooming of the students. In fact I have been placed in TCS and HANSA Solution."

**Ishita, CSE, 4<sup>th</sup> Year**



"It was my dream to be an Engineer and it is about to be fulfilled as I will be graduating the very next year from HETC, I am extremely grateful to our college faculty members who always motivate and inspire us."

**Sreerupa Moulick, EE, 3<sup>rd</sup> Year**



"My college is like the sun which provides every possible facility to the students. It helps us think beyond the horizon to make us ready for the life ahead."

**Sayan Majhi, EE, 2<sup>nd</sup> Year**



## FEES STRUCTURE FOR B.TECH 1<sup>ST</sup> YEAR STUDENTS

	1 <sup>st</sup> Sem	2 <sup>nd</sup> Sem	3 <sup>rd</sup> Sem	4 <sup>th</sup> Sem	5 <sup>th</sup> Sem	6 <sup>th</sup> Sem	7 <sup>th</sup> Sem	8 <sup>th</sup> Sem
Tuition Fee	40,000	40,000	41,000	41,000	42,000	42,000	43,000	43,000
Admission Fee	5,000							
Library Fee	500	500	500	500	500	500	500	500
Students' Welfare, Games & Sports	500	500	500	500	500	500	500	500
Students' Grooming & Training				1,000	1,000	1,000	1,000	
Examination Fee	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200
Caution Deposit	10,000							
MAKAUT Registration Fee	500							
MAKAUT Development Fee	2,200							
Cultural & Technical Events		1,000		1,000		1,000		1,000
Book Bank	2,500		2,500					
<b>Total</b>	<b>62,400</b>	<b>43,200</b>	<b>45,700</b>	<b>45,200</b>	<b>45,200</b>	<b>46,200</b>	<b>46,200</b>	<b>46,200</b>

\* Course Fee is subject to change in accordance with Govt. order

Figures in Rupees

## FEES STRUCTURE FOR B.TECH LATERAL ENTRY STUDENTS

	3 <sup>rd</sup> Sem	4 <sup>th</sup> Sem	5 <sup>th</sup> Sem	6 <sup>th</sup> Sem	7 <sup>th</sup> Sem	8 <sup>th</sup> Sem
Tuition Fee	41,000	41,000	42,000	42,000	43,000	43,000
Admission Fee	5,000					
Library Fee	500	500	500	500	500	500
Students' Welfare, Games & Sports	500	500	500	500	500	500
Students' Grooming & Training		1,000	1,000	1,000	1,000	
Examination Fee	1,200	1,200	1,200	1,200	1,200	1,200
Caution Deposit	10,000					
MAKAUT Registration Fee	500					
MAKAUT Development Fee	1,650					
Cultural & Technical Events		1,000		1,000		1,000
Book Bank	2,500					
<b>Total</b>	<b>62,850</b>	<b>45,200</b>	<b>45,200</b>	<b>46,200</b>	<b>46,200</b>	<b>46,200</b>

\* Course Fee is subject to change in accordance with Govt. order

Figures in Rupees

### HOSTEL FEES (Per Month)

Seat Rent	750
Maintenance Charge	200
Electricity Charge	350
Food Charge	3,000
<b>Total</b>	<b>4,300</b>

Figures in Rupees

\* Caution Deposit: 3,000 INR (At the time of admission only)

### FINANCIAL ASSISTANCE

Despite the constrains there are provisions to partially waive the tuition fee of few meritorious but economically challenged students.

**NO** CAPITATION FEE  
MANAGEMENT QUOTA






# HETC

## CAMPUS

Vivekananda Road, Pipulpati, Hooghly – 712103, West Bengal


 +91 33 2680 4124 / 5702, 2681 0505  mail@hetc.ac.in  www.hetc.ac.in

## LOCATION

The college is situated in the heart of the Hooghly district. It can be reached by road (Grand Trunk Road / Delhi Road), Rail (Hooghly / Hooghly Ghat Station) and River (Chinsurah Ferry Ghat)

 Nearest Railway Station – Hooghly Ghat (0.5 km) and Hooghly (1.5 km)


 Nearest Ferry Ghat – Chinsurah Ferry Ghat (2.0 km)

 Nearest State Highway – Grand Trunk Road (0.5 km)

## CITY OFFICE

CD 299, Salt Lake City, Sector - I, Kolkata - 700 064 T +91 33 4004 8418

## ADMISSION ENQUIRY

 79804 86868 / 98313 66180 / 89811 0894