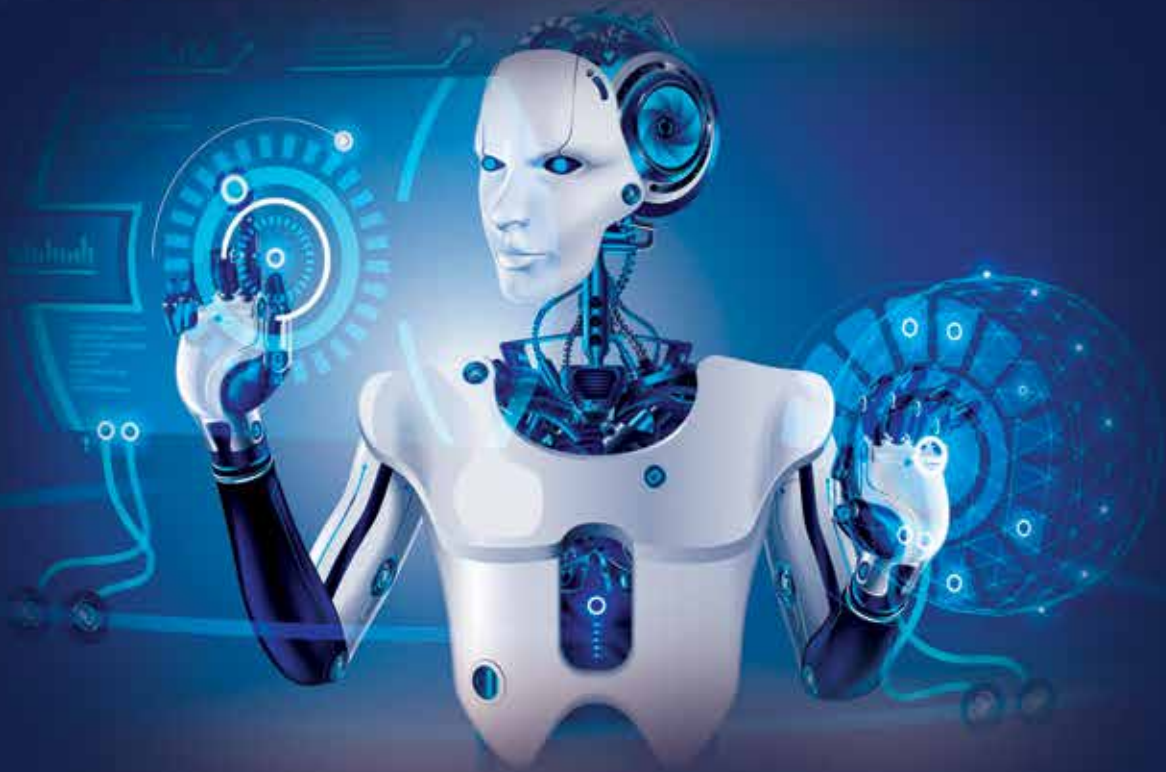




# Heritage Institute of Technology

*(An Autonomous Institute, affiliated to MAKAUT, WB)*

*Accredited by NAAC*



**INFORMATION BROCHURE 2020**

[www.heritageit.edu](http://www.heritageit.edu)





## Introduction

Inspired by the noble cause of education and philanthropic zeal, 22 (twenty two) Kolkata based like-minded industrialists joined hands to form a charitable foundation - Kalyan Bharti Trust (KBT) - to further their dreams of serving the Society.

Heritage Institute of Technology, Kolkata (HITK), established by KBT in 2001, while following the norms of the Maulana Abul Kalam Azad University of Technology (MAKAUT) formerly West Bengal University of Technology (WBUT), its affiliating University, ensures that students become self-motivated and employable.

On recommendation of the UGC the Institute has been conferred autonomous status by the affiliating University in 2014, initially for a period of 6 (six) years. It is also recognized under Section 2(f) of the UGC Act. The Institute has been accredited by NAAC with B++ grade for a period of 5 years w.e.f 22.02.2017.

## Vision

- To prepare dynamic and caring citizens to meet the challenges of global society while retaining their traditional values

## Mission

- To prepare students with strong foundation in their disciplines and other areas of learning
- To provide an environment for critical and innovative thinking, and to encourage life-long learning
- To develop entrepreneurial and professional skills
- To promote research and developmental activities and interaction with industry
- To inculcate leadership qualities for serving the society

## Kalyan Bharti Trust

### Board of Trustees

Trustees of the Kalyan Bharti Trust are reputed industrialists, educationists and technocrats.

| Chairman  | Vice-Chairman  |
|---|--|
| Shri Hari Krishna Chaudhary<br>Chairman, Vikram India Ltd.                  | Shri Vikram Swarup<br>MD, Paharpur Cooling Towers Ltd.                         |
| Secretary   | Treasurer  |
| Shri Sajjan Bhajanka<br>Chairman, Century Plyboard (I) Ltd                  | Shri Sajan Kumar Bansal<br>Chairman & MD, Skipper Ltd.                         |
| Members   |  |
| Shri Prahlad Rai Agarwala<br>Chairman, Rupa & Co Ltd.                       | Shri Kamal Kumar Dugar<br>Chairman & MD, KK Dugar & Co.                        |
| Shri Dayaram Agarwal<br>Chairman, RGA Software Systems Pvt. Ltd.            | Shri Mahendra Kumar Jalan<br>Chairman & MD, MKJ Enterprises Ltd.               |
| Shri Dharam Chand Agarwal<br>Chairman & MD, Hi-Tech Systems & Services Ltd. | Shri Manish Periwal<br>Chairman & MD, Pioneer Urban Land & Infrastructure Ltd. |
| Shri Mahabir Prasad Agarwal<br>Chairman, Shyam Sel & Power Ltd.             | Shri Raj Kejriwal<br>MD, Kiswok Industries Pvt. Ltd.                           |
| Shri Sanjay Agarwal<br>MD, Century Plyboards (I) Ltd.                       | Shri Narhari Prasad K.Koya<br>Chairman, Indian Coal Agency                     |
| Shri Jaydeep Chittlangia<br>MD, Madhya Bharat Papers Ltd.                   | Shri Vishambhar Saran<br>Chairman, Visa Steel Ltd.                             |
| Shri Suresh C. Bansal<br>Chairman & MD, Beekay Steel Industries Ltd.        | Shri Sundeep Shah<br>Chairman & MD, Eastern Silk Industries Ltd.               |
| Shri Hari Prasad Budhia<br>Chairman, Patton International Ltd.              | Shri Gaurav Swarup<br>MD, Paharpur Cooling Towers Ltd.                         |
| Shri Narain Prasad Dalmia<br>Director, Dalmia Securities Pvt. Ltd.          | Shri Siddharth Swarup<br>Director, Paharpur Cooling Towers Ltd.                |



# Heritage Institute of Technology

## Board of Governors

**Shri Prahlad Rai Agarwala-Chairman**  
Chairman, Rupa & Co. Ltd.

**Shri Vikram Swarup-Vice Chairman**  
MD, Paharpur Cooling Towers Ltd.

## Members

**Shri Sanjay Agarwal**  
MD, Century Plyboards (I) Ltd.

**Swami Atmapriyananda Maharaj**  
Vice Chancellor, Ramakrishna Mission Vivekananda Educational  
& Research Institute, Belur

**Shri Hari Prasad Budhia**  
Chairman, Patton International Ltd.

**ERO, AICTE**  
Nominee of AICTE

**Shri Narain Prasad Dalmia**  
Director, Dalmia Securities Pvt. Ltd.

**Prof. (Dr.) Somdatta Chakravorty**  
Associate Professor, Dept. of Information Technology, MAKAUT, WB,

**Shri Siddharth Swarup**  
Director, Paharpur Cooling Towers Ltd.

**Prof. (Dr.) Dinabandhu Bhandari**  
Professor, Dept. of CSE, HIT-K

**Smt. Chandani Tudu**  
Special Secretary, Dept. of Higher Education,  
Government of West Bengal

**Prof. (Dr.) Mousiki Kar**  
Assistant Professor, Dept. of ECE, HIT-K

## Member-Secretary

**Prof. (Dr.) Pranay Chaudhuri**  
Principal, Heritage Institute of Technology

## Permanent Invitees

**Shri Hari Krishna Chaudhary**  
Chairman, Vikram India Ltd. & Chairman,  
Board of Trustees, KBT

**Shri Sajjan Bhajanka**  
Chairman, Century Plyboards (I) Ltd. & Secretary,  
Board of Trustees, KBT





## Existing Academic Programmes:

| Disciplines                                       | Approved Intake |       |
|---|-----------------|-------|
|   | UG              | PG    |
| Applied Electronics & Instrumentation Engineering | 60*             | 18    |
| Biotechnology                                     | 60*             | 18    |
| Chemical Engineering                              | 60*             | -     |
| Civil Engineering                                 | 120             | -     |
| Computer Science & Engineering                    | 180             | 36*** |
| Electrical Engineering                            | 60              | -     |
| Electronics & Communication Engineering           | 180*            | 18*** |
| VLSI  | -               | 18    |
| Information Technology                            | 60              | -     |
| Mechanical Engineering                            | 120**           | -     |
| Renewable Energy                                  | -               | 18    |
| Computer Applications                             | -               | 60    |

\* Accredited by NBA for a period of 3 years w.e.f. 2019-20 Academic Session

\*\* SAR submitted to NBA, Expert Team visit awaited

\*\*\*Extended accreditation by NBA in 2019 for another 1 (one) year

For Undergraduate programmes, there is a provision of Lateral Entry of Diploma holders and B.Sc. Degree holders in the 2nd year with an additional intake of 10% of the approved intake.

All the programmes are duly approved by the All India Council for Technical Education (AICTE) and are affiliated to the Maulana Abul Kalam Azad University of Technology (MAKAUT) formerly West Bengal University of Technology (WBUT).

**The Institute received Extension of Approval (EOA) letter from AICTE for all existing UG & PG programmes along with introduction of the following new courses :**

- ✦ B.Tech. in Computer Science and Business Systems
- ✦ Bachelor of Design (B.Des)



## Recognition

- ✦ In National Institutional Ranking Framework (NIRF-2020) by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology ranked 154 among all engineering Universities and Institutes (considering both Government and Private) in the country. The Institute also ranked 150 in the year 2019 & within the band 101-150 among all engineering Universities & Institutes (considering both Government and Private) in the country in NIRF for the year 2017 and 2018, respectively.
- ✦ Institute is recognized u/s 2(f) of the UGC Act, 1956.
- ✦ The Institute has been accredited by NAAC with B++ grade w.e.f. 22.02.2017 for a period of 5 (five) years.
- ✦ Heritage Institute of Technology received an initial grant of Rs. 4.0 crores under Technical Educational Quality Improvement Program, Phase-II (TEQIP-II) funded by the World Bank and monitored by MHRD, Govt. of India. Being one of the 51 better performing institutes in the country with the initial grant, the institute received an additional grant of Rs. 2.0 crores.
- ✦ In Dataquest Tech School Survey 2018, the Institute is ranked 47 among Top 50 T-schools (Government and Private combined) in India.
- ✦ The Institute received 'Most Preferred Engineering Institute of the Year-2020 (East)' Award in February 2020 from ASSOCHAM, India.
- ✦ The Institute received "Best Engineering College of the Year" consecutively for the years 2017, 2018 and 2019 from ASSOCHAM, India.
- ✦ The Institute received "Best Engineering Institute in India-East" in February 2018 from ASSOCHAM, India.
- ✦ Education World ranked HIT-K as No. 1 Engineering College in West Bengal (in the Private Self-financed engineering college ranking) for the year 2017, 2018, 2019 & 2020.
- ✦ As per Career 360 Outlook Group Tech College Ranking in West Bengal, 2018 the Institute graded AAAA.
- ✦ As per Careers 360, Outlook Group Tech Colleges Ranking in West Bengal, April 2015, the Institute is graded AAA+ and its Biotechnology program is graded as No. 1 in West Bengal out of 6 such institutes offering Biotechnology courses.
- ✦ The Institute had been rated as "Gold" in the AICTE-CII Survey of Industry Linked Technical Institutes 2017.
- ✦ HITK is listed in The Indian Science Technology and Engineering Facilities Map (I-STEM) for 2018. I-STEM is a national web portal and an initiative of Centre for Nano Science Engineering, IISc, Bengaluru, developed with the concept "One nation One Portal" for the scientific community, aimed at "Linking Researchers and Resources".
- ✦ The Institute received the Best Engineering College of the Year -2019 award from Higher Education Review.
- ✦ The Institute is recognized among the Top 3 Engineering Colleges in the State for 2020 by THREE BEST RATED.



## Institutional Membership

- The Institution of Engineers (India)
- Confederation of Indian Industry
- Indian Institute of Chemical Engineers
- Bengal National Chamber of Commerce and Industry
- Indian Green Building Council (IGBC)
- Association of Professional Academic Institutions, (APAI) WB

## Teaching & Learning

Education at HITK is a memorable experience. Besides usual curricular activities, students are exposed to a number of inter-disciplinary programmes through debates, group discussions, group tasks, interactive seminars and brain storming sessions – all designed to bring about the creative, analytical and comprehensive capabilities in them. These programmes constantly inspire, encourage and motivate students to develop their leadership qualities as well as their communicative skills.

Assessment of students' performance is made on the basis of end semester examinations and also through continuous evaluation by course teachers to track and record the overall growth of students.

TEQIP-II has provided a scope for improving the quality of teaching learning process and research work with a view to enhancing employability of students.

## Guidance and Counselling

For providing guidance, counselling and psychological boost-up to students, there is a Counselling Cell, coordinated by a highly qualified full time Students' Counsellor. Besides, in order to help students adapt and make the best use of their learning environment, mentoring system has been introduced in the Institute, where a group of students (mentees) are assigned a mentor (faculty member). By building up rapport with the mentees, the mentor would be able to infuse confidence in them and make them feel at home.

## University Examination Results

Since inception the Institute has produced 42 Gold medallists, 33 Silver medallists and 29 Bronze medallists from the University in various UG & PG programmes. It has also bagged 7 Topper of Toppers medal considering all disciplines in UG & PG programmes. In general, students of the Institute perform very well in the University Examinations with an average pass percentage of above 98%. The highest DGPA so far obtained by a student is 9.92 in the scale of 10.

### University Toppers covering all disciplines

- Ms. Shramana Chakraborty, topper in ECE (B.Tech) in 2016 stood 1st amongst successful candidates covering all disciplines, securing 9.60 DGPA.
- Ms. Pranamita Biswas, topper in BT (M.Tech) in 2015 stood 1st amongst successful candidates covering all disciplines, securing 9.72 DGPA
- Ms. Neha Arora, topper in BT (M.Tech.) in 2013 stood 1st amongst successful candidates covering all disciplines, securing 9.79 DGPA
- Ms. Arpita Das, topper in AEIE (M.Tech) in 2012 stood 1st amongst successful candidates covering all disciplines, securing 9.92 DGPA
- Shri Dipan Chatterjee, topper in BT (M.Tech) in 2009 stood 1st amongst successful candidates covering all disciplines, securing 9.87 DGPA.
- Ms. Debosmita Chakraborty, topper in BT (B.Tech) in 2007 stood 1st amongst successful candidates covering all disciplines, securing 9.44 DGPA and was specially awarded by the MAKAUT.
- Ms. Anwesha Chakraborty, topper in Ch.E (B.Tech) in 2006 stood 1st amongst successful candidates covering all disciplines, securing 9.43 DGPA and was specially awarded by the MAKAUT.





## 1st Convocation

1st Convocation of autonomous Heritage Institute of Technology was held on 05.09.2017. His Excellency, Shri Keshari Nath Tripathi, Former Governor of West Bengal graced the occasion as Chief Guest. Padma Shri Prof. (Dr.) Ajoy Kumar Ray, Former Director, IEST, Shibpur graced the occasion as Guest of Honour. Prof. (Dr.) Saikat Maitra, Hon'ble Vice Chancellor of MAKAUT presided over the ceremony.

M.Tech. graduands of 2016 & 2017 and B.Tech. graduands of 2017 (Lateral Entry) received their Degree Certificates and Toppers of each discipline were awarded with Medals.



## 2nd Graduation Ceremony

2nd Graduation Ceremony of autonomous HITK was organized on 25th January, 2019. The 2018 graduands of B.Tech. & M.Tech. programmes were awarded the Degree Certificates. The Graduation Ceremony was chaired and declared open by Prof. (Dr.) Saikat Maitra, Hon'ble Vice Chancellor, MAKAUT, WB. Swami Atmapriyananda Maharaj, Hon'ble Vice Chancellor, Ramakrishna Mission Vivekananda Educational and Research Institute (Deemed- to- be-University) was the Chief Guest. Padma Shri Prof. (Dr.) Ajoy Kumar Ray, Former Professor, IIT, KGP and Former Director, IEST, Shibpur and Prof. (Dr.) Suranjan Das, Hon'ble Vice Chancellor, Jadavpur University were the Guests of Honour in the said Graduation Ceremony.

Prof.(Dr.) Pranay Chaudhuri, Principal, HITK in his introductory speech illustrated about the achievements of the Institute and the students in different areas during the academic year.

A total number of 879 B.Tech and 34 M.Tech graduands have successfully completed their degree in the Academic Year 2017-2018.

Shri Ankit Chatterjee of the Department of Electrical Engineering was the recipient of the Topper of the Toppers Award (B.Tech.), 2018 covering all UG disciplines and Ms. Sukriti Roy of the Department of Computer Science & Engineering was the recipient of the Topper of the Toppers Award (M.Tech.), 2018 covering all PG disciplines. Both of them were presented with a Medal and both Topper and Topper of Toppers Certificates.

Students securing 1st, 2nd and 3rd position in various disciplines both in UG & PG level were awarded medals, topper certificates along with their degree certificates.





### 3rd Graduation Ceremony

3rd Graduation Ceremony of autonomous HITK organized on 25th January, 2020. The 2019 graduands of B.Tech., M.Tech. and MCA was awarded the Degree Certificate. The Graduation Ceremony was chaired and declared open by Prof. (Dr.) Saikat Maitra, Hon'ble Vice Chancellor, MAKAUT, WB. Prof. (Dr.) Anil D. Sahasrabudhe, Chairman, AICTE was the Chief Guest and Revered Swami Suparnanandaji Maharaj, Secretary, The Ramakrishna Mission Institute of Culture, Golpark, Kolkata and Padma Shri Prof. (Dr.) Ajoy Kumar Ray, Former Director, IIST, Shibpur were the Guests of Honour in the said Graduation Ceremony.

A total number of 1008 B.Tech, 36 M.Tech and 47 MCA graduands have successfully completed their degree in the Academic Year 2018-2019.







## Training & Placement

Training & Placement Cell complements the efforts of the members of faculty by organizing value-added programmes and providing placement opportunities to students. It acts as one of the major interfaces with the corporate sector and helps develop the industry-academia inter-relationship.

**Training :** The Cell organizes certain orientation programmes, grooming sessions, mock interview sessions for students of each stream. Besides, the Cell organizes various summer internship programmes for students to provide them with hands-on experience and introducing them to the professional environment.

**Placement :** The Cell continuously co-ordinates with various industries and organizations for placement of students. It has already successfully placed a high percentage of students in industry. It actively obtains feedback from organizations and conveys it to respective departments which, in turn, train students accordingly, thereby increasing their employability.



Some of the leading industrial houses in which students have been placed through campus interview since inception of the Institute, are listed below.

|                                      |
|--------------------------------------|
| ACCENTURE SERVICES PVT. LTD.         |
| AKASH INSTITUTE                      |
| ALOM POLY EXTRUSIONS LTD.            |
| AMAZON                               |
| ASAHI INDIA GLASS LTD.               |
| BERGER PAINTS LTD.                   |
| BIRLA CORPORATION                    |
| BLUE COPPER TECHNOLOGIES             |
| BOC INDIA LTD. (LINDE GROUP)         |
| BOSCH                                |
| CADENCE DESIGN SYSTEMS               |
| CAPGEMINI INDIA PVT. LTD.            |
| CEAT LTD.                            |
| CENTURY PLYBOARDS (I) LTD.           |
| CERNER CORPORATION                   |
| CHEMTREX SPECIALITY LTD              |
| CISCO                                |
| COGNIZANT TECHNOLOGY SOLUTIONS       |
| COZEVA                               |
| DELTA                                |
| DIAMOND BEVERAGES PVT. LTD. (COKE)   |
| DURGAPUR CEMENT                      |
| DYNAMIC DIGITAL TECHNOLOGY PVT. LTD. |

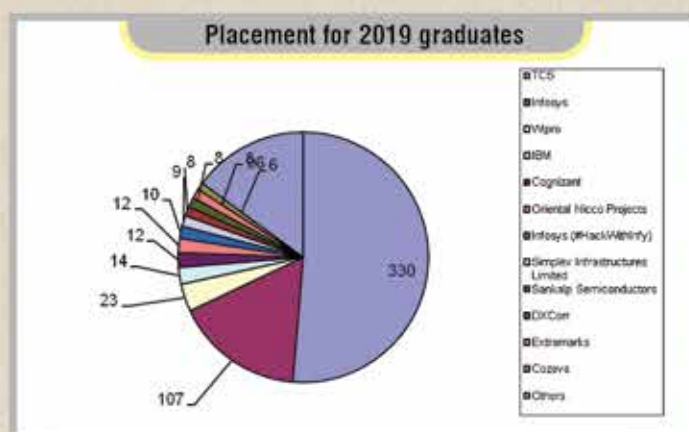
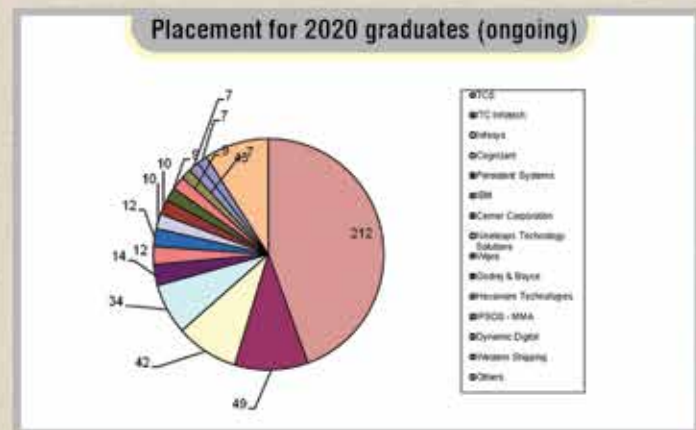
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|--|
| EMC LIMITED  |
| ERICSSON INDIA GLOBAL SERVICES PVT LTD.            |
| EXTRA MARKS EDUCATION INDIA PVT. LTD.              |
| FUSION CHARTS                                      |
| GODREJ & BOYCE MFG. CO. LTD.                       |
| GRINDWELL NORTON                                   |
| HALDIA PETROCHEMICALS LTD.                         |
| HCL TECHNOLOGIES LTD.                              |
| HEWLETT PACKARD INDIA                              |
| HEXWARE TECHNOLOGIES                               |
| HITACHI CON'TING SOFTWARE SERVICES INDIA PVT. LTD. |
| IBM INDIA PVT. LTD.                                |
| IDEA CELLULAR                                      |
| IDEAL PROPERTIES                                   |
| INDWARE TECHNOLOGIES                               |
| INFOSYS TECHNOLOGIES LTD.                          |
| INFOWAY  |
| ITC INFOTECH LTD.                                  |
| JAMES WARREN TEA LTD.                              |
| JARO EDUCATION                                     |
| JOHNSON CONTROLS                                   |
| KEROS RESEARCH & DEV. PVT. LTD                     |
| KISWOK INDUSTRIES PVT. LTD.                        |

|  |
|--|
| KRAYSOFT                               |
| KREETI TECHNOLOGIES PVT. LTD.          |
| L&T INFOTECH LTD.                      |
| LABVANTAGE SOLUTIONS PVT LTD.          |
| LINDE INDIA LTD.                       |
| MENDINE PHARMACEUTICALS                |
| METAL JUNCTION SERVICES LTD.           |
| MICROSOFT                              |
| NESTLE INDIA LTD.                      |
| NIIT TECHNOLOGIES LTD.                 |
| OMICS INTERNATIONAL                    |
| PAHARPUR COOLING TOWERS LTD.           |
| PATTON INDIA LTD.                      |
| PERSISTENT SYSTEMS LTD.                |
| PHILIPS CARBON BLACK LTD.              |
| RELIANCE COMMUNICATIONS LTD.           |
| RMC READY MIX (INDIA) LTD.             |
| SAMSUNG R&D                            |
| SANKALP SEMICONDUCTORS                 |
| SANMAR ENGINEERING & TECHNOLOGIES LTD. |
| SANMAR GROUP                           |
| SIMPLEX INFRASTRUCTURE                 |
| SKIPPER LIMITED                        |

|                                    |
|------------------------------------|
| STAR CEMENT                        |
| STUP CONSULTANTS PRIVATE LTD.      |
| SUBEX LTD.                         |
| TATA CHEMICALS LTD.                |
| TATA CONSULTANCY SERVICES LTD.     |
| TATA ELXSI LTD.                    |
| TATA RYERSONS                      |
| TECH MAHINDRA LTD.                 |
| TEGA INDUSTRIES LIMITED            |
| THE SHRACHI GROUP                  |
| THIRD EYE CONSULTING SERVICES LTD. |
| TRACTORS INDIA                     |
| TRANSASIA BIO-MEDICALS LTD.        |
| UST GLOBAL                         |
| VA TECH WABAG INDIA                |
| VIKRAM SOLAR                       |
| VISA STEEL LTD.                    |
| VODAFONE                           |
| VOITH PAPER TECHNOLOGY PVT. LTD.   |
| WACKER METROARK CHEMICALS          |
| WEB SPIDER                         |
| WIPRO TECHNOLOGIES LTD.            |



At Heritage, employment is not ensured to allure students. However, an all-out effort is made to groom the students for enhanced employability. The T&P Cell has a good record of placement. Industry-wise break-ups, as applicable for placed Engineering & Technology (E&T) graduates / post graduates, for 2020 and 2019 graduates are presented below:



## Value Added Programmes

The Institute conducts career and personality orientation programmes on a regular basis. It also organizes industry-oriented special summer / winter courses in collaboration with reputed professional bodies for learning beyond curriculum. The Language Lab provides students and interested members of faculty and staff an opportunity to upgrade their skills in spoken English. A Grooming Cell has been constituted to develop soft skills (Aptitude, HR, GD, PI etc.) in students to make them feel comfortable before interview boards and thus enhancing their employability.

## Collaborative Efforts

### National

- Semi Conductor Laboratory, Department of Space, Government of India, SAS Nagar, Punjab signed a MOU with Heritage Institute of Technology for exchange of staff and students, collaboration in teaching, R&D and consultancy activities in the fields of (i) Advanced VLSI device fabrication, (ii) MEMS fabrication, (iii) VLSI device / MEMS characterization, (iv) VLSI / CMOS – RF circuit design and (v) VLSI device modeling.
- DXCorr Hardware Technologies Pvt. Ltd., Bangalore (Corporate Headquarter at California, USA) signed a MOU with Heritage Institute of Technology for development, up-gradation of technology, Innovation and Training in the field of VLSI Design, Layout, Verification methods and Nano-Technology.
- Instrument Society of India (ISOI) had launched its first student chapter in Kolkata at Department of Applied Electronics and Instrumentation Engineering, Heritage Institute of Technology. This will help the students to organize seminars, project competition etc.
- The Institute has set up a new Industrial IoT (Internet of Things) Lab sponsored and equipped by Kernel Sphere Technologies. Along with Research work the Laboratory will provide training in Industrial Internet of Things to the students for a career in this field.



- Hemraj Infocom Pvt. Ltd. signed a MOU with Heritage Institute of Technology for teaching/training methodology and suitably customized the curriculum as per Industry standards so that HIT students have an exposure of Industrial Training, Internship, R&D activities etc.
- MindSpace Ventures (Free Flow) signed a MOU with Heritage Institute of Technology regarding Innovation Enablement Training and Ecosystem Development.
- Confederation of Real Estate Developers' Associations of India (CREDAI), signed a MOU with Heritage Group of Institutions for Summer Internship/on the spot Training inputs/Project visits and R&D activities.
- Electronics Center of Excellence (e-COE) signed a MOU with HITK to bring & train the students into the domain of VLSI for various employment oriented program and collaborative research in VLSI domain.
- HITK Signed a MOU with M/S Samridhi Organics for R&D activities.
- KernelSphere Technologies to sponsor and equip an Industrial Internet of Things (IIoT) Lab for research work and to provide training in Industrial Internet of Things to the students during the AY 2017-18.
- HITK established collaboration with UMC (United Microelectronics Corporation) and IMEC through EUROPRACTICE IC Service which is a milestone in VLSI Domain. With the help of this collaboration the Institute started a feasibility study on Micro Chip Development for India Chip Program (InChiP), a make in India Initiative by NETRA (National ESDM Technology Research Academy).
- Knowledge Incubation for Technical Education (KITE) Centre, IIT Kharagpur for academic collaboration that would be of mutual benefit and would provide strength in research and education





- Indian Institute of Engineering Science & Technology, Shibpur (IEST) with the objective of collaborative R&D activities in the area of renewable / green energy.
- National Environmental Engineering Research Institute (NEERI) with one of the objectives of facilitating students to undertake project work at NEERI
- Vikram Solar Pvt. Ltd. for I-I-I activity
- Sun Oil Company Pvt. Ltd. for collaborative R&D programme
- Baid Power Services Pvt. Ltd. (BPS) for I-I-I activity and collaborative R&D program
- Sankalp Semiconductor Private Ltd. to foster collaboration and to provide guidance, training and also to assist in development and fabrication of VLSI Test-Chips
- Cranes Software International Ltd. Bangalore, University Programme Partner of Texas Instruments (TI), India for establishing a teaching/research lab facility using ASLK Starter Kits
- Institute selected as an empanelled centre of WBREDA, Dept. of Power & NEC, Govt. of West Bengal for carrying out awareness programme on Renewable Energy
- Infosys for Campus Connect programme for improvement of IT skills of students
- Wipro for conducting Mission 10X related programmes for training of members of faculty
- Oracle University under Workforce Development Program

## International

- University of Alabama at Birmingham, USA to promote joint research activities in Biotechnology in the field of genome-wide and epigenome-wide association studies related to chronic diseases of metabolic origin
- University of Massachusetts, Lowell, USA for a variety of joint academic and educational activities
- The Institute signed MOU with New Jersey Institute of Technology (NJIT), NJ, USA for a summer Research Program under which the twelve batches of student had 6-week training program at NJIT during the period 2008-2019. Since its inception in 2008, the NJIT-HITK Summer Research Program have catered to a total of 117 students from HITK.
- College of Natural Science, Sungkyunkwan University, Korea with reciprocal exchange of members of faculty, staff and students as one of the objectives.
- IEEE EDS Centre of Excellence, first of its kind globally, was inaugurated on December 21, 2017 at HIT-K with financial support from IEEE, USA. Its primary objective would be to provide collaborative environment to create rich teaching-learning and research experiences in the field of electron devices and circuits.





## Research Grants

- A project under department of Science & Technology (SEED division) Government of India titled "Creating a digitally enabled social knowledge management platform for rural SC community to bridge rural-urban knowledge, information and market divide" has been granted in favor of the institute jointly with IIM, Calcutta vide letter dated 13.03.2020. The total sanctioned amount in the project is Rs. 29,76,116/- (Rupees twenty nine lakhs seventy six thousand one hundred sixteen only). Prof.(Dr.) Siuli Roy, HOD, Department of Information Technology is the coordinator of this project.
- Project on "Synthesis of New Thermoelectric Materials, Exploring Cu-S Binary" funded by Science & Engineering Research Board (SERB), Govt. of India, where Prof.(Dr.) Ritayan Chatterjee, Assistant Professor, Dept. of Physics is the Principal Investigator (with a financial outlay of Rs. 31.57 lacs).
- Project on Post-Disaster Situation Analysis and Resource Management Using Delay Tolerant Peer-to-Peer Wireless Networks (DISARM) funded by Information Technology Research Academy (ITRA), Ministry of Communications and IT, Govt. of India, which is a multi-institutional research project jointly with IIT Kgp, IIMC, IIST, NIT Dgp & Kalyani GEC, where Dr. Pranay Chaudhuri, Principal is the Principal Investigator (PI) and Dr. Siuli Roy, former Director-CAC and presently HOD, Dept. of IT is the Co-Investigator (Co-I) (with a financial outlay of Rs. 43.55 lacs, out of a total of Rs. 4.28 crores sanctioned for six participating institutes).
- Project on Formulation and Fabrication of composite titania matrix with surface plasmon and quantum dots for using dye sensitized solar cell and sensor systems by DST-Nano Mission Project, Govt. of India where Prof. (Dr.) Jayati Datta, Professor & HOD, Dept. of Chemistry, and Head Renewable Energy Research Centre is the Principal Investigator (with a financial outlay of Rs. 187 Lacs)
- Project on Design and Fabrication of Pt free/low level Pt Nano catalysts for Oxygen Reduction Reaction (ORR) in low temperature Fuel cell, funded by CSIR, Govt. of India where Prof. (Dr.) Jayati Datta, Professor & HOD, Dept. of Chemistry, and Head Renewable Energy Research Centre is the Principal Investigator (with a financial outlay of Rs. 22 Lacs)
- Project on Development of capacitive type MEMS based bio-pressure sensor for assessing various physiological activities, funded by Science & Engineering Research Board (SERB) under Fast Track Scheme for Young Scientist, Dept. of S&T, Govt. of India, where Prof.(Dr.) Madhurima Chattopadhyay, Professor, AEIE is the Principal Investigator (with a financial outlay of Rs. 14.34 lacs).
- Project on Screening of potential biofilm producer isolates from clinical samples and in vitro determination of killing kinetics by application of some herbal agents with known anti-inflammatory action and application in animal model funded by WB-DST where Dr. Soma Banerjee, Asstt. Prof. Dept. of BT is the Principal Investigator with a financial outlay of Rs. 9.43 lacs.
- Project on Application of ICT in Disaster Management, funded by AICTE under RPS, where Dr. Siuli Roy, former Director-CAC and presently HOD, Dept. of IT is the Principal Investigator (with a financial outlay of Rs. 1.00 lac)

## Patents filed

### Filed in India

### Department of Applied Electronics and Instrumentation Engineering:

- Prof. (Dr.) Madhurima Chattopadhyay, HOD, AEIE, has applied for a patent - A CPAP Respirator System using MEMS sensor (2015) (Application No.-KOL/1333/2015) which has been granted.
- A process for characterization of the bioactive component present in *trigonella foenum-gracum* (methi) seeds used in the treatment of diabetic (Patentee: Subhabrata Sengupta and Abhishek Mukherjee) (Regn no-618/Kol/2007)
- A process for the characterization and partial purification and isolation of the bioactive component present in bark and root of *azadirachta indica* (neem) used in herbal remedies for the treatment of diabetic (Patentee: Subhabrata Sengupta and Abhishek Mukherjee) (Regn no-617/Kol/2007)
- A process for the characterization of the bioactive component present in bark and seeds of *eugenia jambolana* (jamun) used in herbal remedies for the treatment of diabetic (Patentee: Subhabrata Sengupta and Abhishek Mukherjee) (Regn no-619/Kol/2007)
- A process for the preparation of a complete enzyme composition from the plant *triospora cordifolia* which catalyzes hydrolysis of a starch into glucose as the major end product (Patentee: Subhabrata Sengupta, Abhishek Mukherjee and Subhasree Sengupta) (Regn no-1989/Kol/2008)

### Department of Computer Science & Engineering:

- Telnet/SSL/zModem based Secure File Transfer Process (Patentee: Arindam Chatterjee, Subhashis Majumder and 3 students who carried out their B.Tech. project work) (Filed on 24th July, 2013 in Kolkata)
- Improved Merge Sort Algorithm by Creating Better Partitions (Patentee: Dr. Subhashis Majumder) (Filed on 31st July, 2014 in Kolkata) vide Docket No. : 9133.
- An optimum microfluidic sample dilution method using weighted mix-split of droplets (Patentee: Dr. Subhashis Majumder) (Filed on 27th August, 2014 in Kolkata) vide Docket No.: 10207
- Scalable Recommendation Technique using Multiplicatively Weighted Voronoi Diagrams (Patentee: Dr. Subhashis Majumder, Joydeep Das) (Patent: 966/KOL/2014) Application Number: E-2/1597/2014-KOL





## Filed in USA

### Department of Biotechnology:

GPCR / Receptor binding assay using Integrated FP-detection and pressure driven flow (Patentee: Dipankar Chaudhuri) (ID: 20173536, 2000)

Integrated Fluorescence Polarization (FP) based detection in microchip based electrophoresis separation of proteins (Patentee: Dipankar Chaudhuri) (ID: 21183201, 2001)

Use of pressure-driven flow in integrated assay detection of proteases and kinases as sample macromolecules on microchips (Patentee: Dipankar Chaudhuri) (ID: 20284536, 2002)

Integrated FP detection for microchip based cell-based assays (Patentee: Dipankar Chaudhuri) (ID: 211183215, 2002)

### Department of Electronics & Communication Engineering:

Novel low contention keeper design to enable ultra low voltage read operation of register file & ROM (Patentee: Krishanu Datta) (ID: 71308, 2009)

### Department of Computer Science & Engineering:

Optimization technique using evolutionary algorithms (Patentee: Dinabandhu Bhandari, C. A. Murthy, Sankar Kumar Pal) (Published on 15 Apr 2014, Publication No.: US8700548 B2, Application No.: US 13/265,480, PCT No. : PCT/IB2010/054679)



## Conferences

### International

#### 2nd International Conference on Advances in Bioprocess Engineering and Technology (ICABET - 2020)

Department of Chemical Engineering and Department of Biotechnology, HITK organized 2nd International Conference on Advances in Bioprocess Engineering and Technology during January 20-22, 2020. Dr. Sourav Pal, Director, IISER, Kolkata inaugurated the Conference as the Chief Guest followed by Prof. Tang Yen Wah from National University of Singapore as the Guest of Honour.

This conference which brings together national and international mix of researchers, faculty members from leading research institutions and universities and also executives from clinical and pharmaceutical industries. ICABET-2020 was a platform to share research experience, discussion over emerging innovations on Bioprocess Technology and foster collaboration with academia and industry. Along with this main theme, the conference also covered important recent areas in Bioprocessing Research such as biosensors, micro-reactors, novel separation techniques, bioprocess control, biosafety, advanced techniques for waste to wealth generation, and nanobiotechnology.



#### 2nd International Conference on Chemistry for Human Development (ICCHD - 2020)

ICCHD 2020 was organized by Professor Asima Chatterjee Foundation in association with University of Calcutta and Heritage Institute of Technology during 9th-11th January 2020.

Eminent Scientists and delegates from all over the world and India delivered keynote speeches and also participated in the conference.

**1st International Conference on Chemistry for Human Development (ICCHD-2018)** was jointly organized by Professor Asima Chatterjee Foundation, Kolkata and Heritage Institute of Technology, Kolkata to celebrate the birth centenary (2017-2018) of the legendary scientist Professor Asima Chatterjee with a view to perpetuate her memory and to inspire future generations for the significant improvement of the standard of chemical education and research in India. This Conference focused on Chemistry of Natural Products, Carbohydrate Chemistry, Organic Synthesis, Catalysis, Medicinal Chemistry, Herbal Drugs, Advanced Bioorganic and Biochemistry, Structural Chemistry, Chemistry and Industry, Organic Materials, and Nanoscience and Engineering. 30 (thirty) eminent experts in the field of Chemistry from abroad and 31 (thirty one) eminent experts from within the country delivered invited lectures during the Conference. More than 400 delegates participated in the Conference.

**An International Conference on Advancing Frontiers in Operational Research: Towards a Sustainable World (AFOR 2017)** was organized jointly by Operational Research Society of India (ORSI) and Heritage Institute of Technology, Kolkata (HITK) in conjunction with the Diamond Jubilee as well as the 50th Annual Convention of ORSI at HITK during 21st-23rd December, 2017. Prof. Nikhil Ranjan Banerjee, Former Vice Chancellor, BESU and Prof. Paolo Toth, Professor Emeritus, Univ. of Bologna, Italy and former President of International Federation of Operational Research Societies (IFORS) graced the inaugural session as Chief Guest and Guest of Honour, respectively. Experts from USA, Italy, Japan, Hong Kong and different parts of India deliberated in the 3-day long conference.

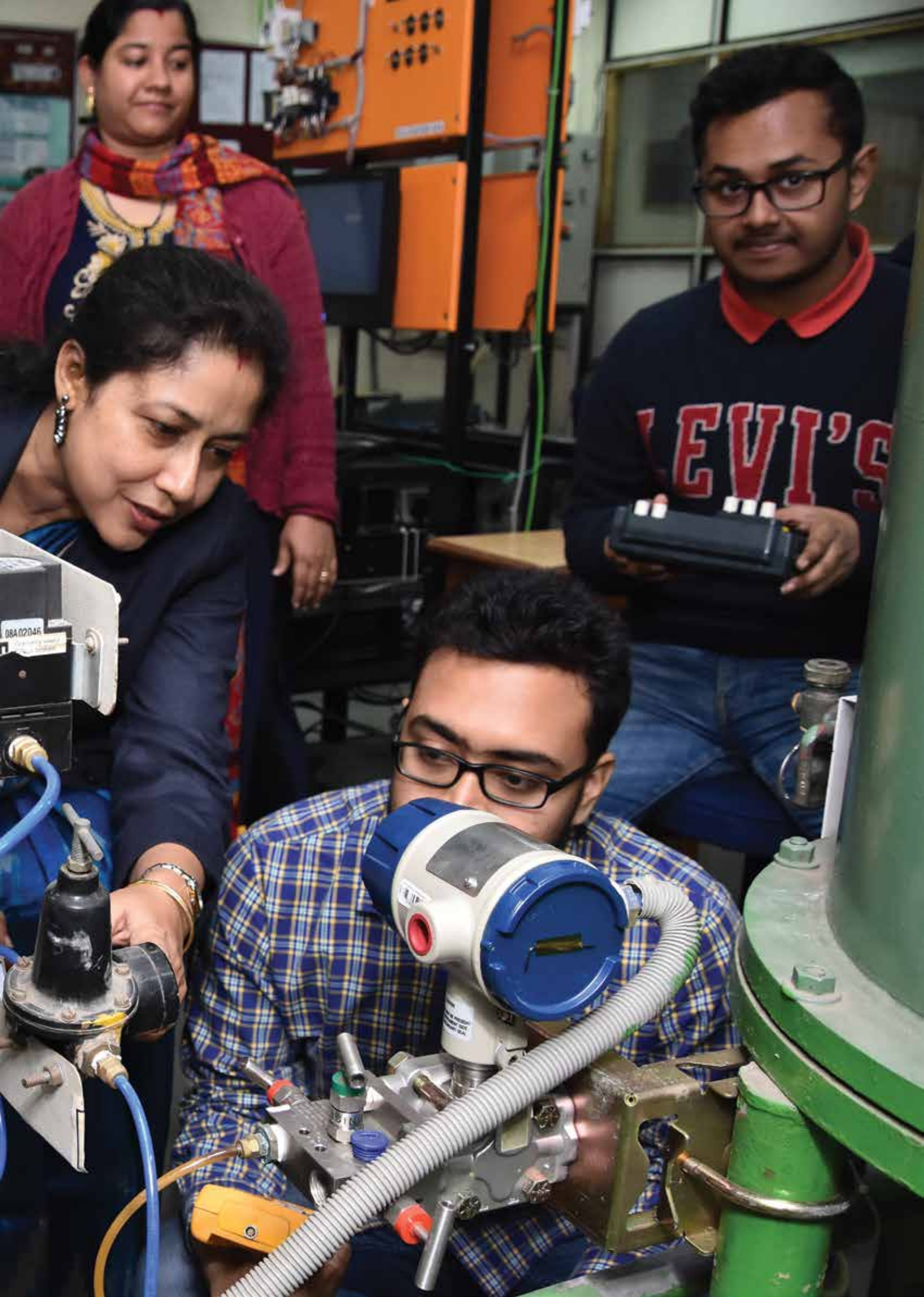


















## Departmental Laboratories

### Dept. of Applied Electronics & Instrumentation Engineering

• Analog Electronics Lab • Circuit & Networks Lab • Transducers & Sensors Lab • Electrical & Electronics Measurement Lab • Industrial Instrumentation Lab • Microprocessor & Micro-controller Lab • Control Engineering Lab • Process Control Lab • Microprocessor based System Lab • Industrial Internet of Things (IIoT) Lab • Power Electronics Lab • Telemetry & Remote Control Lab • Project Lab (UG & PG) • DSP & Embedded Systems Lab • Process & Virtual Instrumentation Lab • Research Lab (Smart Sensor)

### Dept. of Biotechnology

• Biochemistry Lab • Microbiology Lab • Environmental Biotechnology Lab • Fermentation Technology Lab • Bioinformatics Lab • Plant Tissue Culture Lab • rDNA Technology Lab • Immunology Lab • Molecular Biology Lab • R&D Lab • Genetics Lab • Food Biotechnology Lab • M.Tech. Project Lab

### Dept. of Civil Engineering

• Strength of Materials Lab/Solid Mechanics Lab • Survey Lab • Building Design & Drawing Lab • Soil Mechanics Lab I & II • Concrete Lab • Engineering Geology Lab • Highway & Transportation Engg. Lab • CAD Lab • Environmental Engg. Lab • Structural Detailing Lab

### Dept. of Computer Science & Engineering

• Basic Computing Labs – I & II • Database Management System Lab • Web Intelligence Lab • Object Oriented Programming Lab • Project Lab • AI and Machine Learning Lab • Big Data Lab • Advanced Computing Lab (M.Tech.)

### Dept. of Electrical Engineering

• Analog & Digital Electronics Lab • Basic Electrical Engineering Lab • Circuit Theory Lab • Control System Lab • Electrical & Electronic Measurement Lab • Electrical Machines Lab I & II • Electrical Drives Lab • Microprocessor & Microcontroller Lab • Power System Lab I & II • Power Electronics Lab • Signals & Systems Lab

### Dept. of Electronics & Communication Engineering

• Basic Electronics Lab • Digital System Design Lab • Analog Circuits Lab • Digital Communication Lab • Advanced Communication Lab • Analog Communication Lab • EM Theory and Transmission Lines Lab • Microwave Engineering Lab • Analog VLSI Lab • Digital VLSI Design Lab • DSP Lab • Design / Project Lab • Signals and Systems Lab • Circuit and Network Theory Lab • Control Systems Lab • Data Structure Lab • M.Tech. ECE Lab • M.Tech.VLSI Lab

### Dept. of Information Technology

• Algorithm, Software Engg. & Project Lab • Multimedia & Web Technology Lab • DBMS Lab • Java Lab • Information System Analysis & Design Lab • Network Lab • System Administration Lab • Digital Electronics & Computer Organization Lab

### Dept. of Mechanical Engineering

• Applied Mechanics Lab • Workshop Practice Lab • Advance Manufacturing Lab • Fluid Mechanics and Hydraulics Lab • Manufacturing Technology Lab • Engineering Drawing • CAD CAM Lab • Thermal Power Engg. Lab / Refrigeration and Air Conditioning Lab • Thermodynamics & Heat Transfer Lab • Metrology & Measurement Lab • Machining & Machine Tools Lab • IC Engine Lab • Dynamics of Machines Lab • Applied Fluid Mechanics Lab/ Project Lab • Mechatronics Lab • Fluid Power Control Lab

### Dept. of Computer Applications

• Programming Lab (C) • Digital Logic and Computer Architecture Lab • Data Structure Lab • Database Management Systems Lab • Advanced Database Management Systems Lab • Object Oriented Programming Lab • Computer Network Lab • Web Technology Lab • CASE Tools Lab • Computer Graphics Lab • Business Communication Lab

### Dept. of Chemistry

• Engineering Chemistry Lab • Renewable Energy Research Lab

### Dept. of Humanities

• Language Lab I & II

### Dept. of Physics

• Engineering Physics Lab

### Renewable Energy Research Laboratory

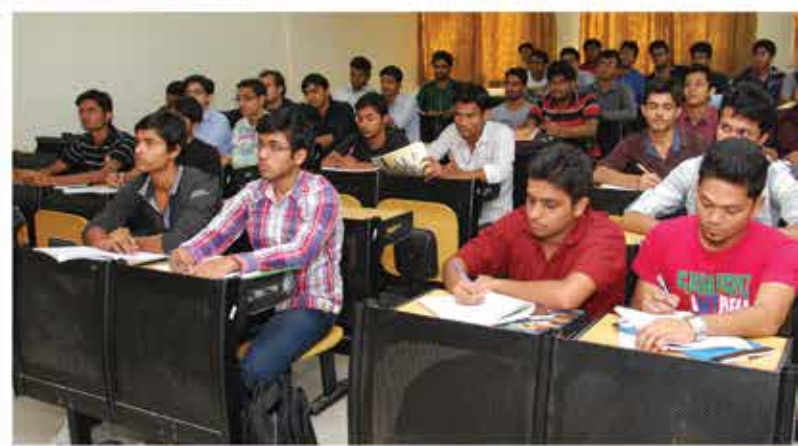
• Designing and architecture of nano structured energy materials.  
• Energy harvesting through renewable energy sources.  
• 3rd Generation optical devices & thin film technology.  
• Conjugated semiconductor solar cells.  
• Dye Sensitized solar cell.  
• Quantum dot solar cell.  
• Fuel cell technology & Electro-catalysis.



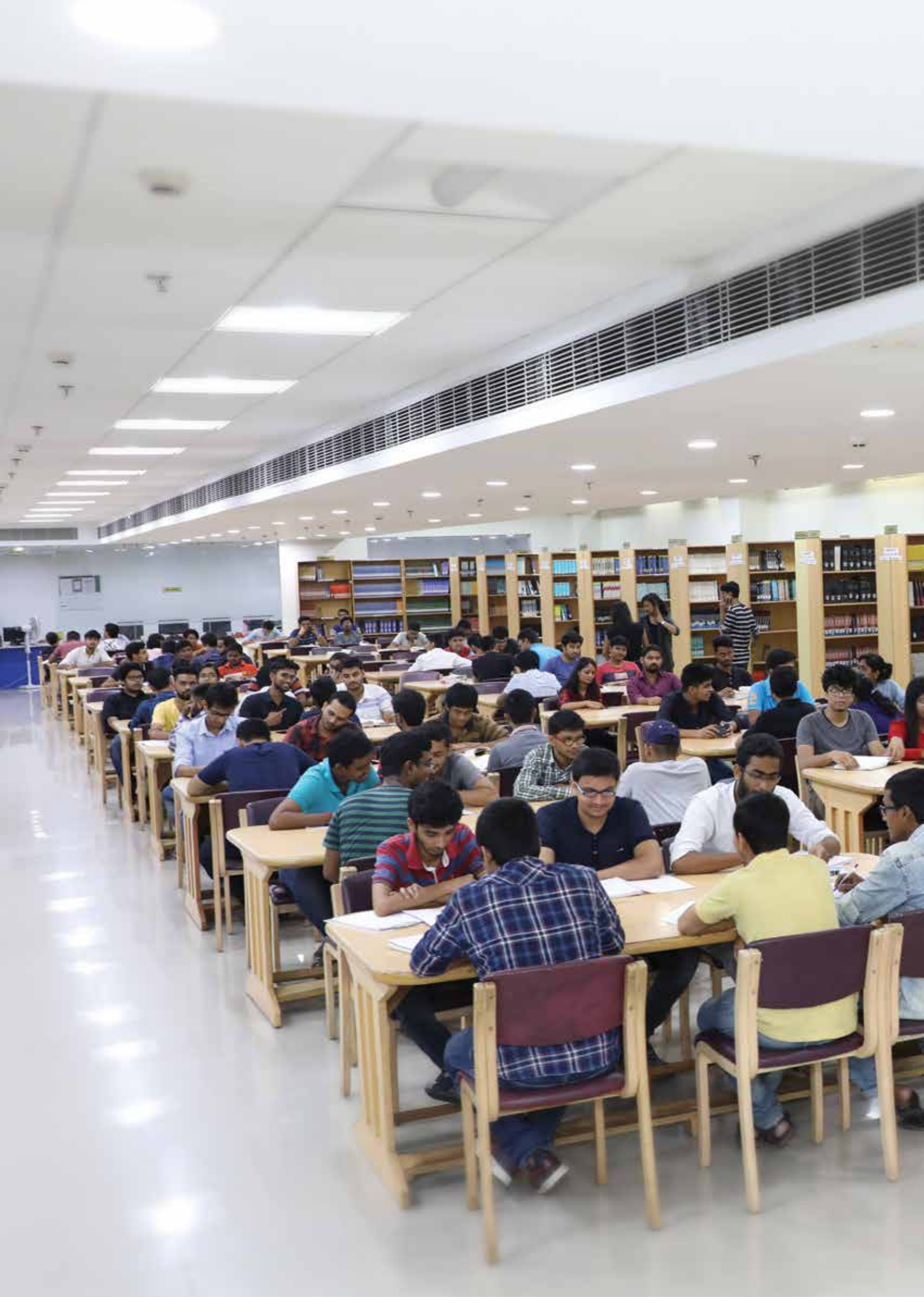


CME  
BUILDING











## The Central Library

The fully air conditioned Central Library is housed in Central Block with a covered area of about 20000 sq.ft.

It has a generous collection of about 58,263 (approx) text and reference books on all relevant subjects. The Institute subscribes to a large number of journals, periodicals, proceedings, magazines & local and national dailies, which are available for the benefit of the readers. Facilities at the library are constantly upgraded and expanded. Some of the current facilities include - Reprographics, Internet and educational CDs. The Library is fully automated with LIBSYS and Online Public Access (OPAC) facility along with D-Space and KOHA- open source software.

Institutional repository is being built and developed by following open source software D-Space along with Dublin Core Metadata. At present, question papers of all departments (all semesters) under autonomous HITK are being uploaded on regular basis and highlighted to the students for its use. Bibliographical data of the publications of members of faculty and others of HITK have also been uploaded.

E-Journals & E-books related to Engineering & Technology are received through IEEE (ASPP). Besides, the Institute also subscribes for NPTEL, a joint initiative of IITs and IISc., Bangalore, funded by MHRD, GOI, thus allowing access to web courses and video courses, prepared by senior members of faculty of those institutes. The Institute has tie-up with The British Council Library and The American Library as Institutional Member and members of faculty, staff and students can avail themselves of this facility.

Besides, these inhouse facilities we also made provision to watch MOOCS courses through SWAYAM and we are institutional member of National Digital Library.







## Other Facilities

### Lecture and Tutorial Rooms

Classrooms are very spacious, airy and equipped with overhead projector and modern magnetic ceramic board. Separate tutorial rooms are also available for special classes. Model classrooms are fitted with LCD projectors and white screen.

### Computing Facilities

All degree awarding departments are equipped with their own computer laboratories with sufficient number of computers. The entire campus is Wi-Fi connected with 100 Mbps leased line for 24 hours for net surfing and online study. All students are provided with unique email id for having anytime access to institute related information.

### Auditorium

There is an Auditorium (Swami Vivekananda Auditorium) with 500 seating capacity which is centrally air-conditioned.



## Students' Amenities

### Health Care

A medical unit is available in the campus. In addition the Institute made arrangements with nearby hospitals for emergency medical treatment.

### Transportation

Transportation is available from prominent locations in Kolkata at scheduled hours based on students' demand. Transport facilities for members of faculty and staff, as also for visitors, are available from Ruby Island.

### Electric Substation and Generator

The campus has its own electric substations with two transformers- 1000 kVA & 630 kVA- and three gensets-250 kVA & 380 kVA, besides 100 kWh solar power. These are maintained as per norms prescribed by the CESC authorities.

### Hostel

Board and lodging facilities are available separately for outstation boys and girls. Seats are limited and allotted on distance basis.

### Banking

A branch of Punjab National Bank is located within the campus with ATM facility for the benefit of students and members of faculty & staff. It also extends various soft loans.

### Postal facilities

All postal facilities are available at East Kolkata Township P.O. located nearby. Besides there is an arrangement with DTDC so that members of faculty, staff and students can also avail themselves of courier services.





## Students' Discipline

- It is expected that students maintain dignity and decorum within the campus. The sanctity of the Institute must always be preserved through strict discipline, decent behavior respect for others and use of appropriate language. It is expected that students accord highest respect to the members of faculty and staff. Any damage to the Institute's property will have to be compensated by the student concerned. Students must strictly refrain from any such activity that may be detrimental to the interest and goodwill of the Institute.
- As per Supreme Court verdict, directive of Govt. of West Bengal and AICTE guideline, any type of physical and / or psychological ragging is strictly prohibited within the campus and any student found contravening these regulations will be expelled from the Institute. Furthermore, as per Hon'ble Court's Order, such a student would not be eligible for admission to any other Institute.
- All students seeking admission to the Institute and / or accommodation in the hostel as well as their guardians are required to submit affidavits individually to the effect that both of them are aware of the law regarding prohibition of ragging as well as the punishments if found guilty of the offence of ragging and / or abetting ragging. To make the process easy, MHRD has developed an ONLINE facility and students should also file affidavits ONLINE at : [www.antiragging.in](http://www.antiragging.in) OR [www.amanmovement.org](http://www.amanmovement.org).
- Smoking, consumption of alcohol, use of drugs, chewing pan and zarda are strictly prohibited within the campus. Offenders will be severely punished as per Institute's norms and practices.
- Discipline, attendance and positive attitude are the virtues, which are considered as cornerstones of success and play the most dominant role on the career growth of a student. It is expected from all students that they should try to maintain hundred percent attendance for all-round development through maximum exposure. In case attendance falls below 75% for whatsoever may be the reason, a student is liable to be debarred not only from appearing at the Semester Examinations but also at the campus interviews and no claim in this respect shall be entertained.
- The Institute has Students' Chapters of Association of Computing Machinery (ACM), Instrumentation, Systems & Automation Society (ISA), Indian Institute of Chemical Engineers (IIChE), Institute of Electrical & Electronics Engineers (IEEE) and Instrument Society of India (ISOI). The Chapters frequently organize seminars, debates and workshops inviting experts from industry and academia.
- To encourage activities pertaining to robotics and participation by HITK students in robotics competition, both within and outside the campus, a robotics society – iRobotix – has taken shape at the Institute.
- The Institute has a Photography, Film and Drama Club: Prabhasvana. Also, there is a Social Awareness & Community Service Club (SPARSH).
- To fulfill societal commitment, Rotaract Club of the Institute (Udaan) under the parent body Rotary Club of Mahanagar has been established, which is very active.
- To encourage entrepreneurship activities, the Institute maintains close coordination with NEN (National Entrepreneurship Network). Also an Entrepreneurship Development Cell has been constituted with financial assistance from AICTE.
- The Institute's Foundation Day, which falls on Teachers' Day (5th September), is celebrated with enthusiasm and reverence to the teaching fraternity. Students also organize Freshers' Welcome to induct the new-comers to the Heritage family and Farewell ceremony for the outgoing students.
- Department of IT maintains a departmental website where students are allowed to post various technical / non technical articles. Students can post their queries related to their subject matter which in turn being replied back by the members of their departmental faculty.
- Department of Biotechnology publishes its Bi-Annual newsletter titled "Biosys", which is very informative.
- An Alumni Association is functional and may be reached by clicking the Alumni Portal at the Institutes website ([www.heritageit.edu](http://www.heritageit.edu)).

## Students' Activities

- Micro-Chip Development by HITK under Prestigious India Chip Program (Make in India Initiative) - HITK completed 32 Kb Memory IP Design of a Micro-chip (Mercury2) before schedule for a Product Development Project (Research towards Productization) under Prestigious India Chip Program (Make in India Initiative) in collaboration with eCOE (Electronic Centre of Excellence, supported by ESSCI, Skill India). This project by eCOE is under Indo-US joint project scheme. The project is sponsored by Intel, IUSSTF and DST having partnership with NJIT, University of California, Stanford University and IIT Delhi. HITK is an academic Partner of eCOE (HITK signed an MOU with eCOE last year). This Micro-chip Mercury2 is going to be a SOC (System on Chip) IOT solution for smart sensing at edge or Fog computing in Indian environment for real time environment monitoring system. This Micro-chip designed during June 2019 (once other modules are done and integrated together), and it is expected that the Manufactured (fabricated) Silicon chip to be completed by August, 2019.
- The Memory Module (IP) that HITK developed has almost Quarter Million Physical Transistor in only 248um x 235um Si Area, satisfying Industry Standard Design Criteria (Power-Performance-Area) using one of latest Technology (65nm) for mixed signal product (Analog + Digital) to be manufactured by TSMC (Taiwan Semiconductor Manufacturing Corporation), best foundry in the world today. This scale of integration is first of its kind by any engineering College in India. Total 8 (eight) HITK students worked in this Memory IP project (7 B.Tech. students in ECE and 1 M. Tech. students in VLSI) under the guidance of Prof. Krishanu Datta, Associate Professor, Dept. of ECE.
- The Institute constituted 21 (twenty one) various Clubs to encourage and organize various co-curricular and extra curricular activities. The Annual Cultural Festival – Heritage Utsav and Annual Technical Events are organized with much fanfare and enthusiasm.

## Outstanding Students' Achievements in Competitive Examinations

Success at CAT (only 90 percentile and above quoted)

| 2019                                   |                  |
|--|------------------|
| Name / Branch                          | Score            |
| Shri Jeet Shahi (ME)                   | 98.73 percentile |
| Shri Utkarsh Singhania (AEIE)          | 97.82 percentile |
| Ms. Rashmita Mazumdar (ECE)            | 97.50 percentile |
| Ms. Sulagna Moitra (IT)                | 96.02 percentile |
| Shri Vinayak Ghosh (ECE)               | 95.55 percentile |
| Ms. Twinkle Khanna (ECE)               | 93.80 percentile |
| Shri Debarghya Sue (ECE)               | 92.22 percentile |
| Shri Aditya Bikram Bhattacharjee (ECE) | 92.00 percentile |
| Shri Sayan Mukherjee (AEIE)            | 90.95 percentile |
| Ms. Sampurna Chakraborty (ChE)         | 90.44 percentile |



2018

| Name / Branch                  | Score            |
|--------------------------------|------------------|
| Shri Abhisek Chopra (CSE)      | 99.13 percentile |
| Shri Sayan Mondal (CSE)        | 97.53 percentile |
| Shri Sourajit Sinha (CE)       | 96.47 percentile |
| Ms. Sayanti Halder (CE)        | 95.84 percentile |
| Shri Kumar Rishabh (ME)        | 95.83 percentile |
| Shri Manoram Taparia (CSE)     | 95.57 percentile |
| Shri Subham Tantia (CSE)       | 95.13 percentile |
| Ms. Sakshi Bansal (BT)         | 95.00 percentile |
| Shri Prem Shankar Prasad (CSE) | 94.50 percentile |
| Shri Prafull Anand(CSE)        | 93.85 percentile |
| Shri Pratik Naha (ME)          | 92.00 percentile |
| Shri Raj (ME)                  | 92.00 percentile |
| Shri Snehashis Roy (CE)        | 91.84 percentile |

2017

| Name / Branch              | Score            |
|----------------------------|------------------|
| Shri Rahul Agarwal (IT)    | 98.00 percentile |
| Shri Aniket Datta (ECE)    | 98.00 percentile |
| Shri Sounak Mandal (ECE)   | 97.70 percentile |
| Ms. Jessica Daklia (IT)    | 97.00 percentile |
| Ms. Sneha Ghosh (CSE)      | 93.33 percentile |
| Ms. Pragya Sahay (CSE)     | 92.35 percentile |
| Shri Ankur Biswas (CE),    | 92.00 percentile |
| Shri Sagnik Dasgupta (CSE) | 91.78 percentile |
| Ms. Rachita Choudhury (IT) | 91.00 percentile |
| Shri Prashant Ranjan(CE)   | 91.00percentile  |
| Ms. Shalini Chaudhuri (EE) | 91.00 percentile |

## Success at GATE

(All India Rank only up to 150 quoted)

2019

| Name / Branch            | All India Rank |
|--------------------------|----------------|
| Ms. Sayantika Ghosh (BT) | 1              |
| Ms. Debanjali Dey (BT)   | 21             |
| Shri Srijon Sarkar (CSE) | 81             |
| Shri Aihik Banerjee (BT) | 82             |
| Shri Rajat Varma(CSE)    | 90             |
| Shri Aditya Singh (CSE)  | 98             |
| Ms. Swagata Datta (BT)   | 102            |
| Ms. Ishita Ghosh (ChE)   | 134            |

2018

| Name / Branch             | All India Rank |
|---------------------------|----------------|
| Ms. Debasmita Bose (BT)   | 71             |
| Shri Aditya Sikhwal (ECE) | 74             |
| Shri Arijit Dey (BT)      | 118            |
| Ms. Oeshi Sarkar (BT)     | 130            |
| Ms. Sonam Sadhukhan (ECE) | 138            |
| Shri Aakash Saha (BT)     | 141            |

2017

| Name / Branch             | All India Rank |
|---------------------------|----------------|
| Shri Utkarsh Agarwal (IT) | 46             |
| Shri Anurag Nandy (ECE)   | 63             |
| Shri Sanket Basu (EE)     | 79             |
| Ms. Ankita Das (BT)       | 125            |
| Ms. Urjaa Roy (ChE)       | 144            |





## Success at Joint Entrance Screening Test (JEST) 2019 Physics Examination

Shri Sayan Mondal, a Electrical Engineering graduate in 2019 from HITK, scored 99.14 percentile in the prestigious JEST 2019 (Physics) Examination. His All India Rank is 58 out of 13397 candidates.

## Higher studies by some graduates from HIT

Every year, graduates from Heritage Institute of Technology pursue higher education at various reputed Institute / Universities within the country as well as abroad. A list of some recent graduates pursuing higher education is given below:

### International Level

#### 2019

- Ms. Ranjabati Sen, CSE, University of Minnesota
- Ms. Amrita Bhattacharjee, CSE, Arizona State University
- Ms. Soumita Das, CSE, SUNY Buffalo
- Shri Sambo Dutta, CSE, SUNY Buffalo
- Shri Ketan Patel, CSE, Bauhaus University Weimar, Germany
- Shri Ankur Kejriwal, CSE, John Hopkins University
- Shri Abhishek Agarwal, CSE, Technical University Munich
- Ms. Upasana Dutta, CSE, University of Colorado Boulder
- Ms. Shreya Ghosh, ECE, Purdue University, USA,
- Shri Arijit Dey, ECE, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
- Ms. Kamolini Chakraborty, IT, University of California, Fresno, USA
- Shri Swapnil Bhaumik, IT, Khoury College of Computer Sciences at Northeastern University, Boston
- Shri Dhruv Mundhra, IT, Rutgers University, New Brunswick, New Jersey, USA
- Shri Rahul Dubey, MCA, Ontario Tech University
- Shri Shubham Bhattacharya, ME, Clemson Graduate School, USA
- Shri Soumyoraj Mallick, ME, Queen's University, Belfast, UK
- Ms. Vartika Rungta, ME, Clemson Graduate School, USA

#### 2018

- Ms. Tulika Das, AEIE, New Jersey Institute of Technology, USA
- Shri Arghya Majumdar, AEIE, University of Twente, Netherlands
- Shri Saptarshi Sengupta, BT, M.Sc. in Biology, York University, Toronto, Canada
- Shri Shounak Ghoah, BT, M.Sc. Medical Photonics, University of Jena, Germany
- Shri Sayantan De, BT, M.Sc. Microbiology, University of Jena, Germany
- Shri Abhiroop Mukherjee, BT, ME Mechanical Engineering, University of Saskatchewan, Canada
- Ms. Mehma Kaur Chawla, BT, MS Biomedical Engineering, Rutgers University, USA
- Ms. Anwesha Bhowmik, BT, MS Biomedical Informatics, Arizona State University, Tempe Campus, USA
- Ms. Kundanika Mukherjee, BT, MS Biomedical Sciences, University of Saskatchewan, Canada
- Shri Subhradweep Patra, BT, MS Bioprocess Engineering, Kansas State University, USA
- Ms. Samalee Banerjee, BT, PhD Bioengineering, Kansas State University, USA
- Shri Aakash Saha, BT, PhD, Bioengineering, University of California, Riverside, USA
- Shri Debapreet Batabyal, CE, M.S., Technical University of Munich, Germany
- Shri Raunak Lohar, ChE, Uni Kiel, Germany
- Shri Manish Seal, CSE, Arizona State University, USA
- Shri Debopriya Chatterjee, CSE, Syracuse University, New York, USA
- Shri Raunak Das, ECE, North Carolina State University, USA
- Shri Rishabh Poddar, ECE, Singapore Management University, Singapore

- Murchhana Islam, ECE, University of Florida, USA
- Ms. Semonti Dewanjee, ECE, University of South Florida, Tampa, USA
- Ms. Deepshikha Nath, ECE, University of Windsor, Canada
- Ms. Jasman Kaur, IT, University of Canada-West, Vancouver British Columbia

#### 2017

- Ms. Sayani Bhattacharjee, BT, Ph.D. program, University of Toledo, USA
- Ms. Pallabi Kundu, BT, Ph.D. program, University of Nebraska, Lincoln USA
- Ms. Indrani Gupta, BT, Ph.D. program, University of Texas, San Antonio, USA
- Ms. Madhujha Chakraborty, BT, Ph.D. University of Waterloo, Canada
- Ms. Akshita Gupta, CSE, MS program, Purdue University, Deptt. of Aeronautics and Astronautics, USA
- Shri Satyaki Sikdar, CSE, Ph.D. program, University of Notre Dame, USA
- Shri Abhijit Pal, ECE, MS program, Univer. of Bremen, Germany
- Ms. Jayati Dev, ECE, MS program, Indiana University, USA
- Shri Aditya Ranjan Bhattacharya, ECE, MS & Ph.D. program, University of Florida, USA
- Shri Sudipto Shekhor Mondol, ME, MS program, University of Saskatchewan, Canada
- Shri Koustav Kanjilal, ME, MS program, University of Freiburg, Germany





## 2016

- Shri Abhinanda Dutta, AEIE, MS program, University of Rochester, USA
- Shri Mark Savio MacIntyre Wheatley, AEIE, MS program, University of Ottawa, USA
- Ms. Sreejita Saha, AEIE, MS program, University of Utah, USA
- Shri Amitangshu Mukherjee, AEIE, MS program, Iowa State University, USA
- Ms. Sinjini Banerjee, AEIE MS program, University of Buffalo, USA
- Shri Shubham Sharma, ChE, PhD program, Brown University, USA
- Shri Archisman Ray Banerjee, ChE, M.Tech. program, University of Waterloo, Canada
- Ms. Ashmi Banerjee, CSE, MS program, TU Munich, Germany
- Shri Shaunak Mukherjee, CSE, MS program, Johns Hopkins University, USA
- Shri Abhimanyu Mukherjee, CSE, MS program, Virginia Tech, USA
- Shri Swapnadeep Poddar, ECE, PhD program, Hong Kong University of Science & Tech.
- Shri Rahul Goswami, ECE, MS program, University of Ulm, Germany
- Shri Arpan Dasgupta, ECE, MS program, University of California, Los Angeles, USA
- Ms. Deb Datta Ray, ECE, PhD program, University of Basel, Switzerland
- Shri Vurikriti Prashant, ECE, MS program, Texas A & M University, USA
- Shri Jishnu Ganguly, ECE, MS program, Tufts University, USA
- Shri Reetam Sen Biswas, EE, PhD program, Arizona State University, USA
- Shri Avinaba Dasgupta, IT, MS program, Indiana University, Bloomington, USA
- Shri Pritam Banerjee, EE, IIT, Delhi
- Shri Rahul Kumar, EE, IIT, Guwahati
- Shri Santoo Bandyopadhyay, EE, NIT, Warangal
- Shri Pratik Kumar, IT, IIT, Kanpur
- Shri Anirban Ghosh, IT, IIM, Indore
- Shri Swadhin Majumdar, MCA, M.Tech (IEM)
- Shri Pratik Naha, ME, Indian Statistical Institute, Bengaluru
- Shri Rohan Kumar, ME, NIT Warangal
- Shri Atin Kumar Dolai, ME, IIT Kharagpur
- Shri Amit Kumar Hansda, ME, Kalyani Govt. Engg. College
- Shri Amit Jain, ME, IIT-ISM, Dhanbad
- Ms. Nazish Pervez, ME, IISWBM, Kolkata
- Shri Rakesh Vishwas, ME, National Institute of Foundry & Forge Technology, Ranchi

## 2018

- Shri Amit Kumar Nandi, AEIE, BIT-Mishra
- Shri Somkalpa Laha, AEIE, IMT Ghaziabad
- Shri Siddhant Katyan, AEIE, IIIT, Hyderabad
- Shri Rounak Ray, AEIE, IIM, Calcutta
- Ms. Labanya Dutta Ray, AEIE, International Management Institute, Bhubaneswar
- Ms. Dwiteeya Chaudhury, AEIE, IIEST, Shibpur
- Shri Riju Ghosh, BT(M.TECH.), Project Fellow, Indian Statistical Institute, Kolkata
- Ms. Sucharita Banerjee, BT, M.E. Biotechnology, BITS Pilani
- Ms. Kuhelika Das, BT, M.Tech. Bioinformatics, NIT Bhopal
- Ms. Oeshi Sarkar, BT, M.Tech. Biological Science & Bioengineering, IIT Kanpur
- Shri Arjit De, BT, M.Tech. Biomedical Engineering, IIT Delhi
- Ms. Debasmita Bose, BT, M.Tech. Bioprocess Engineering, IIT Madras
- Shri Saptarshi Biswas, BT, M.Tech. Biotechnology, IIT Guwahati
- Ms. Ekta Gupta, BT, M.Tech. Biotechnology, NIT Rourkela
- Shri Reeshab Routh, BT, M.Tech. Biotechnology, NIT Rourkela
- Shri Anurag Ghosh, CE, IIT, Chennai, M.Tech
- Shri Rohit Kumar Prince, CE, IIT, Mumbai M.Tech.
- Shri Ravi Kumar, CE, Jadavpur University, M. Tech.
- Shri Suphal Kirtania, CE, Jadavpur University, M.Tech.
- Shri Sourish Dandapat, CE, Jadavpur University, M.Tech.
- Shri Aakash Kumar, CE, NIT Trichy, M.Tech.
- Shri Arindam Karmakar, CE, NIT, Durgapur, M.Tech.
- Shri Abhijit Pal, CE, NIT, Rourkella, M.Tech.
- Ms. Sambita Choudhury, ChE, IIT Guwahati
- Ms. Somashree Mondal, ChE, IIT Guwahati
- Shri Dipayan Chakraborty, ChE, IIT Kharagpur
- Shri Deeptayan Datta, ChE, IIT Kharagpur
- Ms. Sreyashi Ghosh, ChE, IIT Kharagpur
- Shri Kaustuv Bhattacharya, ChE, IIT Roorkee
- Shri Rahul Das, ChE, ISM Dhanbad
- Shri Soumyadeep Das, ChE, ISM Dhanbad
- Shri Kaustav Banerjee, ChE, ISM Dhanbad
- Shri Sayan Banerjee, ChE, JU
- Shri Sumitom Shome, ChE, JU

## National Level

### 2019

- Shri Ujjwal Kumar, CE, IIT, Guwahati
- Shri Shubham Singh, CE, BIT, Meshra
- Shri Shivesh Kumar, CE, IIT, Bhubaneswar
- Ms. Sayanti Halder, CE, IIM Kolkata
- Shri Diwakar Kumar, CE, NIT, Surat
- Shri Sayantan Bera, CE, NIT Agartala
- Shri Avishek Ghosh, CE, NIT, Silchar
- Ms. Puja Ghosh, CE, NIT Agartala
- Shri Nilotpal Acharya, CE, NIT, Trichi
- Ms. Richa Jha, CSE, IIIT Bangalore
- Shri Srijon Sarkar, CSE, IIT, Bombay
- Shri Sohan Ghosh, CSE, ISI Kolkata
- Shri Pritam Kumar Nath, CSE, Indian Institute of Science, Bangalore
- Shri Sayan Mondal, CSE, Department of Business Economics, Delhi University, South Campus
- Shri Subham Tantia, CSE, SCMHRD ( Symbiosis Centre for Management and Human Resource Development)
- Shri Abhisek Chopra, CSE, Indian Institute of Management, Udaipur
- Ms. Shradha Jaiswal, CSE, Indian Institute of Information Technology, Allahabad
- Shri Chandra Sekhar Mukherjee, CSE, ISI Kolkata
- Shri Subhojit Roy Bardhan, ECE, IIT Bombay, India,
- Shri Priyanka Sarkar, ECE, IIT Bombay
- Shri Shubhang Pandey, ECE, IIT Madras
- Shri Sushant Kumar Roy, EE, IIT, Kharagpur



- Shri Sambit Dutta, ChE, JU
- Ms. Oindrila Roy, ChE, JU
- Ms. Zinia Chowdhury, ChE, JU
- Shri Arjun Chowdhury, ChE, CU
- Ms. Sanjita Biswas, ChE, CU
- Ms. Prakriti Mallik, ChE, CU
- Ms. Sukriti Roy, CSE (M.Tech.), ISI Kolkata
- Ms. Ishani Karmakar, CSE, IIM-Indore
- Ms. Harshita Priyadarshini, CSE, IIM Kozhikode
- Shri Neelabja Roy, CSE, IIT Kanpur
- Shri Pratik Karia, CSE, IIT Kharagpur
- Shri Ankan Kumar Das, CSE, ISI Kolkata
- Shri Naveen Ojha, CSE, ISI Kolkata
- Shri Satyam Parsuramka, CSE, Jadavpur University
- Shri Debanik Banerjee, CSE, NIT, Surathkal
- Shri Manojit Chakraborty, CSE, IIIT Hyderabad
- Shri Rishu Raj, CSE, IIIT Allahabad
- Shri Sulagna Hom Chowdhury, ECE, BITS Pilani, Hyderabad Campus
- Shri Souradip Sen, ECE, IIT Bombay
- Shri Shauvik Das, ECE, IIT Kharagpur
- Ms. Bastobika Guha, ECE, IMT Ghaziabad
- Javvad Alam, ECE, St. Xavier's University
- Ms. Shaoni Paul, EE, Jadavpur University
- Ms. Riti Ganguly, EE, Presidency University, Bangalore
- Shri Anand Bhararia, IT, ISM Dhanbad
- Shri Rahul Agarwal, IT, MDI Gurgaon
- Shri Subhankar Baishya, IT, ICFAI Business School (Bangalore)
- Ms. Jessica Daklia, IT, IIM Ranchi
- Shri Saurav Kumar, ME, IIT Guwahati
- Shri Rohit Kumar, ME, IIT Kharagpur
- Shri Subham Agarwal, ME, IMT Ghaziabad
- Shri Sreejit Ghosal, ME, NITIE, Mumbai

## 2017

- Shri Bilhan Sen, CSE, M.Tech. (CS) program, ISI, Kolkata
- Shri Saumajit Saha, CSE, M.Tech. program, IIT Patna
- Shri Anurag Nandy, ECE, M.Tech. program, IIT Bombay
- Shri Arpan Mukherjee, ECE, M.Tech. program, IIT Kharagpur
- Ms. Yalini Chaturvedi, AEIE, PGD program, NITIE Mumbai
- Ms. Apurva Suresh Singh, AEIE, M.Tech. program, BIT Mesra
- Ms. Sayantani Ghosh, AEIE, PGD program, IIM Kozhikode
- Ms. Shrutiti Bansal, IT, ME program, BITS Pilani
- Ms. Snigdha Jain, IT, M.Tech. program, NIT Tiruchirappalli
- Shri Rishabhchand Singh, IT, PGD program, IIM Rohtak
- Shri Aditya Neel, IT, M.Tech. program, IIIT Hyderabad
- Shri Subhradip Ghosh, ChE, M.Tech. program, IIT Guwahati
- Ms. Nilanjana Lahiri, ChE, M.Tech. program, IIT Bombay
- Ms. Vidhi Shah, ChE, M.Tech. program, NIT Trichy
- Shri Subradip Bhattacharjee, ChE, M.Tech. program, IIT Guwahati
- Shri Deepak Rai, ChE, M.Tech. program, IIT Madras
- Shri Soumavo Ghosh, ChE, M.Tech. program, IIT Guwahati
- Ms. Sailayee Ray, ChE, M.Tech. program, IIT Roorkee
- Shri Samyabrata Chatterjee, ChE, M.Tech. program, IIT BHU
- Ms. Sohini Adhikary, ChE, M.Tech. program, IIT Kharagpur

- Shri Sushmit Chakraborty, ChE, PGD program, IIM Calcutta
- Shri Sayan Halder, ChE, M.Tech. program, IIT Delhi
- Shri Syedus Sualeheen, ChE, M.Tech. program, IIT Kharagpur
- Shri Somnath Patra, ChE, M.Tech. program, IIT Madras
- Shri Soumya Mukunda, ChE, PGD program, Ta Pal Management Institute
- Shri Prosenjit Kundu, ChE, M.Tech. program, IIT Kharagpur
- Shri Vivek Chakrabarty, ChE, M.Tech. program, IIM Trichy
- Shri Ranadip Roy, ChE, M.Tech. program, IIT Kharagpur
- Shri Moni Mahesh Ghosh, ChE, M.Tech. program, IIT Kharagpur
- Shri Bibek Saha, ChE, M.E. program, Jadavpur University
- Ms. Shrutarshi Dutta, ChE, PGD program, IIM Bangalore
- Ms. Sanghamitra Banerjee, ChE, M.Tech. program, IIT (ISM) Dhanbad
- Shri Ashutosh Kumar Dheeraj, ChE, M.Tech. program, IIT Kharagpur
- Ms. Ankita Singh, BT, PGD program, IIM Ahmedabad
- Ms. Sucheta Ghosh, BT, M.Tech. program, IIT Mandi
- Ms. Sayani Bhattacharjee, BT, Ph.D. program, University of Toledo, USA
- Ms. Pallavi Chakraborty, BT, ME program, Jadavpur University
- Ms. Sayantani Roy, BT, M.Tech. program, IIT Delhi
- Ms. Swachhatoa Ghosh, BT, M.Tech. program, IIT Mandi
- Ms. Debasmita Mukherjee, BT, M.Tech. program, IIT Ropar
- Ms. Ankita Das, BT, M.Tech. program, IIT Kanpur
- Ms. Anwesha Lahiri, BT, M.Tech. program, IIT Bombay
- Ms. Meenakshi Mukherjee, BT, M.E. program, Jadavpur University
- Ms. Nikita Goel, BT, PGD program, IIM Lucknow
- Ms. Dipanjali Saha, BT, M.Tech. program, IIT Guwahati
- Shri Sujit Das, CE, M.Tech. program, IEST, Shibpur
- Shri Tathagata Bandyopadhyay, CE, MS program, IIT Kanpur
- Shri Ramanand Shukla, CE, M.Tech. program, BITS Pilani
- Shri Aritichya Chandra, CE, M.Tech. program, BITS Pilani
- Mohammad Qutubuddin, CE, M.Tech. program, IEST, Shibpur
- Shri Sanjoy Pondit, EE, ME program, Jadavpur University
- Shri Ayan Saha, EE, MTech program, Univ. of Calcutta
- Shri Mithlesh Kumar, EE, M.Tech. program, IIT (ISM) Dhanbad

## 2016

- Ms. Aruja Rustagi, BT, M.Tech. program, IIT Kharagpur
- Shri Sunandan Dhar, BT, M.Tech. program, IIT Kanpur
- Ms. Ahana Chatterjee, BT, M.Tech. program, IIT Bombay
- Ms. Torsha Kundu, BT, M.Tech. program, IIT Guwahati
- Ms. Saptadwipa Ganguly, BT, M.Tech. program, BITS Goa
- Shri Mriganka Saha, BT, M.Sc. program, IIT Guwahati
- Ms. Pritha Paul, BT, M.Tech. program, NIT Rourkela
- Shri Ruptanu Banerjee, BT, M.Tech. program, IIT Mandi
- Ms. Antara Mukhopadhyay, BT, M.Tech. program, IIT Mandi
- Shri Anirban Ghosh, ChE, ME program, Jadavpur University
- Ms. Rinku Pramanik, ChE, ME program, Jadavpur University
- Shri Tirthankar Mukherjee, ChE, ME program, Jadavpur University
- Shri Ritankar Bhattacharya, ChE, ME program, Jadavpur University
- Shri Harshit Upadhyay, ChE, ME program, Jadavpur University
- Shri Sayantan Naha, ChE, M.Tech. program, University of Calcutta
- Shri Siddhartha Maity, ChE, M.Tech. program, University of Calcutta
- Ms. Debopriyo Bhattacharya, ChE, M.Tech. program, University of Calcutta
- Ms. Tanima Bhowmick, ChE, M.Tech. program, University of Calcutta
- Shri Abir Lal Bose, ChE, M.Tech. program, University of Calcutta



- Shri Dipankar Halder, ChE, M.Tech. program, IIT Kharagpur
- Shri Chandrachur Banerjee, ChE, M.Tech. program, IIT Kharagpur
- Ms. Neha Prasad, ChE, M.Tech. program, IIT Roorkee
- Shri Neeladri Sekhar Ray, ChE, M.Tech. program, IIT Guwahati
- Shri Soumya Basu, ChE, M.Tech. program, NIT Durgapur
- Shri Saibal Trivedy, ChE, M.Tech. program, NIT Rourkela
- Ms. Gitika Rani Saha, ChE, M.Tech. program, ISM Dhanbad
- Ms. Sujata Sen, ChE, M.Tech. program, ISM Dhanbad
- Ms. Abhipsa Basu, CSE, M.Tech. program, IIT Kharagpur
- Shri Aniket Kuiri, CSE, M.Tech. program, IIT Bombay
- Ms. Sakshi Maskara, CSE, M.Tech. program, IIT Bombay
- Shri Utsab Banerjee, CSE, M.Tech. program, IIT Kanpur
- Shri Tuhin Rakshit, ECE, MBA program, Dept. Business Economics, Univ. of Delhi
- Shri Mohit Agarwal, IT, M.Tech. program, BITS Pilani
- Shri Jigme Dorjee Sherpa, ME, PGDM program, IIM Calcutta
- Shri Dwaipayan Chakraborty, ME, PGDM program, IIM Tricity
- Shri Rahul Rakshit, ME, M.Tech. program, ISM Dhanbad
- Shri Rahul Kumar Verma, ME, M.Tech. program, ISM Dhanbad
- Shri Abhinaba Chandra, ME, ME program, Jadavpur University
- Shri Keshab Patra, ME, M.Tech. program, IIT Mumbai
- Shri Arnab Ghosh, ME, M.Tech. program, IIT Guwahati

## Students achievements

### 2020

- 'Paving Plus' the project made by our students Ranjan Kumar Gupta, B.Tech (Civil) 2nd year and Anushka Nayak, B.Tech (Electrical) 3rd Year had won laurels at TATA Social Enterprise Challenge 2020 at IIM Calcutta and grabbed the second runners-up position among all the best start-up from entire East and North East India at TIECON 2020.
- Shri G. Aravind, student of CSE 4th year stood 6th All India Rank in GATE 2020 out of 97481 candidates appeared in the Computer Science and Information Technology Examination Paper. His GATE Score is 982.
- Shri Rajat Sureka, student of BT 4th year stood 8th All India Rank in GATE 2020 out of 10313 candidates appeared in the Biotechnology Examination Paper. His GATE Score is 880.
- Shri Amit Kumar, student of ECE 4th year invented a new device which maintains social distancing to fight against COVID-19.
- Students of HITK took part in the "Wild life conservation awareness" rally organized by ANUBHB, Expedition for better tomorrow, a government approved organization.
- Rotaract Club of Heritage Institute of Technology had a vibrant presence at the 48th Annual Rotaract District Conference of RID 3291, DisCon 2020 held during 15-16th February 2020. Our Club won 11 trophies including the Best Club Award in the Conference.



### 2019

- Shri Shreyasis Roy, Shri Anindit Sinha and Ms. Ankita Thakur, CSE, 4th Year secured 3rd place in Education Track in "HackHarvard Global 2019" held at Harvard University, USA on October 19, 2019.
- Ms. Anuska Baidya Roy and Ms. Sayeri Dhawa, ChE, 4th Year have won the 1st prize (amounting to 60,000 INR) in TechExpo at Techniche 2019 (annual Tech fest at IIT Guwahati), competing with 41 other teams from all over India.
- The Department of Space, Govt of India (ISRO) has sanctioned a sum of rupees three lakhs ( Rs 300000) towards a project " Geofencing of data on NavIC/IRNSS" as a part of post HACKATHON 2018 activities. The team named Ciphers participated in HACKATHON 2018 last year are entitled to avail this grant for continuing their project. ISRO has selected only 4 such projects in India and we are one of them. The students involved in this project are -Team Leader-Deepak Prasad ( CSE 4th yr), Team member- Sagar Sangam ( CSE 4th Yr), Team member-Aman Adersh ( CSE 4th Yr), Team member-Pritam Raj ( IT 4th Yr).
- Two members of Entrepreneurship Development Cell, Heritage Institute of Technology, Ranjan Kumar Gupta, B.Tech (Civil) 2nd Year and Anushka Nayak, B.Tech (Electrical) 3rd Year participated at Hult Prize 2019 held in Ho Chi Minh City, Vietnam. Along with their team they grabbed 6th position in the whole of South East Asia for their project 'Vasundhara' which focuses on recycling of waste to generate energy as well as employment for rural India.
- Ranjan Kumar Gupta, B.Tech (Civil) 2nd Year and Anushka Nayak, B.Tech (Electrical) 3rd Year were selected by NIT Durgapur for Festival of Innovation & Entrepreneurship (FINE) which was organized by NIF (National Innovation Foundation) at Gujarat.
- 'Paving Plus' the project made by our students Ranjan Kumar Gupta, B.Tech (Civil) 2nd year and Anushka Nayak, B.Tech (Electrical) 3rd Year had won Special Jury Award at Entrepreneurship Work Cup 2019 held at Gangtok and was also selected at the Tech Incubation Competition 2019 organized by Webel & BCCI.
- Ms. Sayantika Ghosh, a 4th year B.Tech (Bio - Technology) student ranked 1st in the All India Rank in the Graduate Aptitude Test in Engineering (GATE) 2019. She got a score of 1000 out of 1000.
- Shri Somendu Ghorui, Shri Avishek Biswas and Shri Debam Saha, 3rd year CSE students, participated in Cadence Tensilica Hackathon 2019, a part of the prestigious 32nd International Conference on VLSI Design and 18th International Conference on Embedded Systems held on 5th & 6th January 2019 in New Delhi and secured 2nd position. They were rewarded with a prize money of Rs. 35,000/- from this competition.
- Shri Sayan Mondal a 4th Year Student of Electrical Engineering of Heritage Institute of technology scored 99.14 percentile in the prestigious JEST 2019 (Physics) Examination. His All India Rank is 58.



- Ms. Riya Dutt, Shri Billodal Roy and Ms. Anjani Kumar Singh of BT 2nd Yr won the FIRST PRIZE in the category EUREKA in the KSHITU (Tech-fest of IIT Kharagpur), 18-20 Jan, 2019.
- The following three students got selected in the prestigious Summer Research Fellowship Programme-2019 conducted by Indian Academy of Sciences (IAS):
- Ms. Taniya Jaiswal (BT 2nd yr) – International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi
- Ms. Shalini Kumari (BT 3rd yr) – National Institute of Plant Genome Research (NIPGR), New Delhi
- Ms. Sayani Purkait (BT 3rd yr) – AIIMS, New Delhi

## 2018

- 4 teams from CSE & IT Department, namely Ciphers (CSE, 3rd year), Programmatori Informatici (IT, 3rd year) had participated in the final round of Smart India Hackathon 2018 held in Nagpur on 30th & 31st March, 2018.

Among the above teams following have won prizes:

The team Ciphers (CSE, 3rd year) won the 4th prize with Deloitte Innovation award under the Ministry Department of space (ISRO) Problem category "Geofencing of data of NavIC/IRNSS signal", 2018. The team has secured an internship to deploy their proposed solution at ISRO. A grant of Rs. 3,00,000/- from Department of Space, Government of India has been received for this project.

Programmatori Informatici (IT, 3rd year) represented by Shri Rohit Agarwal (Team Leader), Shri Aman Khandelwal, Shri Anirban Ghosh, Shri Aishik Deb, Shri Dhruv Mundra and Ms. Shruti Sinha won the 4th prize under the Ministry of Goa Problem category "Automatized traffic Control System (Automatic Issue of Notices). The prize money was Rs. 10,000/-.

Solos (CSE, 3rd year) represented by Shri Mukul Kumar, Shri Himanshu Kumar, Shri Aniruddh Kumar, Ms. Ranjabati Sen, Ms. Seema Anjum and Shri Raushan Kumar won the 5th prize with KPIT Innovation Award under the Ministry of Railway Problem category "Public Address System".

- Infosys HackWithInfy 2018: Shri Swetank Modi of 4th year CSE student, was among the top five students in the country among 100 students who qualified to participate in the Grand Finale of HackWithInfy, held on 18-21 Aug 2018 at Infosys Pune campus. The student was awarded a Trophy, a Certificate and a cash award of Rs. 40,000/-. He was also offered a placement of Rs. 8 LPA from Infosys during the programme.
- TCS CODE VITA 2018: Four students of 4th Year CSE, Shri Gautam Khanna, Shri Mohit Baid, Shri Rishabh Daga, Shri Swetank Modi were qualified for the final round of CodeVita Season VII. These students are among only eight candidates from India and 25 across the globe. They received job offers directly from TCS based on their CodeVita 2018 performance.
- 3 groups of 3rd year ECE students had participated in Inter University Engineering, Science and Technology Academic Meet held on 25th March, 2018 organized by Forum of Scientist, Engineers & Technologists (FOSET). The Academic meet was conducted at Government College of Engineering and Textile Technology, Serampore.

**Group 1** represented by Ms. Sayari Manna, Ms. Indrani Chakraborty, Shri Sayan Bagchi and Arunita Mukherjee won the 2nd prize with Smart chair project.

**Group 2** represented by Shri Mohit Kumar, Shri Keshav Agarwal and Shri Sagar Bhattacharya won the 3rd prize with idea for Piezo Electric smart Street Lighting.

Research paper entitled "Intelligent-Sun-Chargers" of Group 3 represented by Shri Akash Roy, Shri Himon Das and Shri Aniket Ghosh was published in the FOSET proceedings.

- Shri Rajat Varma and Shri Deepak Prasad both 3rd year students in Computer Science & Engineering participated in Cadence Tensilica Hackathon, part of the prestigious VLSI Design and 17th International Conference on Embedded System held on 6th & 7th January 2018 at Pune, Maharashtra and secured 3rd position. They were rewarded with a prize money of US \$ 400.

- 3rd Inter College Competition on Prototype Design for Manking (3rd ICCPDM) held on 12th April, 2018. Three teams (four students each) from the Department of Applied Electronics & Instrumentation Engineering, HITK jointly secured 1st, 2nd and 3rd position.

- Ms. Sayantika Ghosh, a student of 4th year B.Tech., Department of Biotechnology, has been selected in the summer research programme of "Indian Academy of Sciences" during 2018.

- Rotaract Club of Heritage Institute of Technology (RC-HITK) has been successful in earning the Rotary International Citation for the Rota Year 2017-18 for making a difference and achieving goals that strengthen the Club. Goals include increasing club membership, developing sustainable service projects, giving to The Rotary Foundation, and building awareness of Rotary in our community.

- Ms. Anushka Maity of 1st year ECE, who is a member of the Resonance Club of HITK has won the 2nd prize in Solo Eastern Vocals competition in Rhapsody organized by Calcutta Medical College Kolkata.

- Ms. Avisri Nandi, CSE, 4th year won the 4th Prize in the 3rd Annual Photography Exhibition cum Contest of "Dure Kothao"

- The Drama Club of HITK (Anubhav) has won 1st Prize in the Street Play event during Smagam 2018 – The Annual Festival of Loreto, Kolkata.

- The Dance Club of HITK (Ghungroo) have won the 3rd Prize in the Eastern Group Dance Competition held during Samagam – 2018 – The Annual Festival of Loreto College, Kolkata.

- The Music Club of HITK (Resonance) have won the 3rd Prize in the Categories of Folk Band Competition, Rabindrasangeet Solo Competition, Eastern Classical Solo Competition held during Samagam – 2018 – The Annual Festival of Loreto College, Kolkata.

- NASA International Space Apps Challenge : Pre-qualifiers of NASA International Space Apps Challenge was organized at Heritage Institute of Technology on 15th to 16th September, 2018. NASA is seeking real solutions to the real problems of Earth and Space through their Annual Competition. A Bootcamp was also organized at S.V. Auditorium in this respect. More than 75 teams of HITK participated in the NASA Space Apps Challenge Pre-Hackathon Program 2018. 3(three) teams qualified for the final round.

The team from B.Tech. 3rd year (Team Name: Caffeine Junkie XL) comprises of Mr. Adil Rahman, IT, 3rd yr and Ms. Anisha Gupta, CSE, 4th year was awarded the 1st Prize.

The team from B.Tech. 3rd year CSE (Team Name: Spectra) comprises of Mr. Wasim Akram, Ms. Aditi, Shri Debam Saha and Shri Avishek Biswas, was awarded the 3rd Prize.

The Team from B.Tech. 3rd year CSE (Team Name: Fire Type Pokemon) comprises of Shri Niwesh Gupta, Shri Shuvam Manna, Shri Piyush Maheswari and Shri Nikhilesh Chandak was awarded the Judges Choice award.

The Team comprises of B.Tech. 3rd year CSE Mr. Wasim Akram, Ms. Aditi, Shri Debam Saha and Shri Avishek Biswas (Team Name: Spectra) secured 2nd position in the finals of NASA Space App Challenge held in Delhi NCR during 19th to 21st October, 2018.

- TEDx Programme: First ever TEDx event was organized on January 2019 at HITK. Various events were organized in the said event. Many TEDx speakers spoke about various current issues in today's world.



## 2017

- HITK along with many other premier institutes of the State participated in Industry-Academia Conclave 2017 on 27-29.03.2017 organized by MAKAUT at Milan Mela Prangan, Kolkata. Most of the deliverables demonstrated there were direct outcome from research work of Prof. Madhurima Chattopadhyay, Head, Dept. of AEIE, and PG & UG students of the department. The sincere effort of the HIT team was rewarded with two awards: Best Project Award and Best Stall Award in the Conclave.
- One of the four teams of HITK, which were in the final round of "SMART INDIA HACKATHON 2017" (1-2 April, 2017), became Runners-Up in the Ministry of Earth Sciences Problem Category. The prize money is Rs. 75,000/-. The students were Shri Abhishek Agarwal (Team Leader), Shri Ketan Patel, Shri Sambo Dutta, Shri Shubham Sarawagi, Shri Rohit Agarwal and Ms. Soumita Das all from 2nd year Computer Science & Engineering Department.
- Shri Satyaki Sikdar, a 2017 graduate from Department of CSE was awarded the Best Student Award – 2017 by TCS on 20th April, 2017.

## 2016

- Ms. Ashmi Banerjee, a 2016 graduates from Department of CSE was conferred "The Best Student Award" – 2016 by TCS on 20th April 2016.
- Ms. Mayurakshi Mukherjee, 2nd yr. ECE student owned the prestigious Aparajita award under the aegis of Sanmarg, the largest and most widely read hindi daily in eastern India for her successful performance in 2016 Asian Rowing Indoor Championship at Pattaya, Thailand where she secured 2nd position in 500 mtrs. Mixed Doubles and 3rd position in 2 km Womens' Doubles event.
- Mr. Debjyoti Chowdhury, ex-student and currently member of faculty of AEIE Dept., along with his guide Dr. Madhurima Chattopadhyay, HOD, AEIE Dept. received prestigious Gandhian Young Technological Innovation Award at Rastrapati Bhawan, New Delhi on 13.03.2016 for development of cost-effective self stabilizing smart platform (spoon/pen) for bringing stability to the hands of elderly persons or for patients with Parkinson's disease using MEMS triaxial accelerometer

## 2015

- Shri Siddhartha Moulik, a 2012 Chemical Engineering graduate from HITK and his team guided by Scientist Dr. S. Sridhar of the Chemical Engineering division of CSIR-IICT, Hyderabad was awarded Gandhian Young Technological Innovation (GYTI) Appreciation Award in the year 2015 for their innovative design of highly compact pilot reverse osmosis/nanofiltration/ultrafiltration plants for purification of drinking water on a community level, design of submerged hand pump operated ultrafiltration system for flooded affected regions, development of memberane bioreactor systems for treatment of industrial effluents and synthesis of novel membranes for separation of liquid mixtures by pervaporation.
- Shri Arunabha Mitra, M.Tech., 2015 graduate in AEIE under the guidance of Dr. Madhurima Chattopadhyay, HOD, AEIE has received ISSS Postgraduate Student Award (Masters) 2015 for his best M.Tech. thesis organized by Institute of Smart Structures and Systems, Department of Aerospace Engineering, Indian Institute of Science, Bangalore. It's a National Level Award for Excellence. The award was presented during ISSS NC7 2015 at CUSAT, Kochi.
- Shri Anirban Roy, 2007 graduate in ChE, presently member of faculty at BITS Goa, was selected as Joint Runner Up for 5th National Award for Technology Innovation in the Category of Polymers in Public Health Care, which would help develop affordable dialysis technology: the award consists of a shield, a citation and Rs. 2.00 lacs in cash presented by the Hon'ble Minister of Chemicals and Fertilizers, GOI during a function organized at Bangalore on 21.02.2015. He was also the recipient of Young Innovator of India 2015 in Make in India Conclave awarded by the Hon'ble Prime Minister.





## Awards for Academic Excellence / Achievements by Alumni

### 2020

- Abhirup Bhattacharjee, an IT Graduate 2009 have qualified WBCS 2018 (Executive) as Deputy Magistrate and Deputy Collector in 2020 and secured 3rd rank in West Bengal. This was his second attempt, at present he is working as Assistant Commissioner GST (Bureau of Investigation) by qualifying WBCS 2017, at his first attempt.
- Ms. Chandrabali Datta, BT 2008 graduate, is a member of Oxford University team developing vaccine against COVID-19 which is currently undergoing human trials. After completing her B.Tech Degree in Biotechnology from Heritage Institute of Technology, Ms. Datta proceeded to UK for postgraduate studies and research.
- Shri Swapnadeep Poddar, ECE 2016 Graduate, has published his research paper at Nature Research (world's leading multi-disciplinary Science Journal). He is the first student of HITK to achieve this milestone.

### 2019

- Shri Subhradip Ghosh, a ChE Graduate in 2017 was a part of Chandrayaan II. He was responsible for the final clearance in the configuration of the entire propellant circuit before the actual filling of propellant transfer to the rocket in the prestigious Chandrayaan II project of ISRO. He is working in Systems Reliability Division of Satish Dhawan Space Research Center, Sriharikota.
- Dr. Jubin Mitra, a ECE Graduate in 2011 is now working at the Department of Physics, University of Oxford, UK as Lead Electronics Engineer.
- Shri Saurabh Suman Yadav, an ECE Graduate in 2010 has ranked 55th in IAS examinations 2018-19.
- Shri Siddhartha Moulik, a ChE Graduate in 2012 received Award from Telangana Academy of Sciences for his contributions in Science & Technology in 2019.

- Shri Amit Kumar Singh, a BT Graduate in 2008 received Gandhian Young Technological Innovation (GYTI) Award 2019. He is a Senior Research Fellow, Centre of Nanotechnology, IIT Guwahati.

- Ms. Manikuntala Mukhopadhyay, alumnus of HITK, 2014 graduate in ChE received the Gandhian Young Technological Innovation Award 2019.

Ms. Ekta Gupta, a BT Graduate in 2018 received Prime Minister Research Fellowship for pursuing doctoral programme. She is pursuing M.Tech. in IIT Ropar.

- Dr. Abir Ghosh, a ChE Graduate in 2010, received the Best Poster Award at 3rd Indo-German workshop-Advances in Materials, Reactions & Separation Processes, Fabrication of High Aspect Ratio Surface patterns on Viscoelastic thin Films. He completed his PhD from IIT Kanpur in the area of Chemical Engineering and a Masters from IIT Guwahati, is a Postdoctoral Research Associate at Imperial College of London in Imperial college of Science, Technology and Medicine.

- Ms. Arisha Arora, (2018 B.Tech. graduate) received the BEST POSTER AWARD for the paper 'Evaluating the potential of plant extracts against strong bio-film forming bacteria' in 'International Conference on Trends in Plant Sciences and Agrobiotechnology 2019', organized by IIT Guwahati, 14-16 Feb, 2019.

- Ms. Ayushi Dalmia, a CSE Graduate in 2013 received the Outstanding Technical Achievement Award, 2019 (highest technical award at IBM) for contribution to AI for Fashion Project. Ayushi is also the recipient of the IBM Invention Plateau Award in 2019 which is given for recognizing prolific inventors @IBM.

- Ayushi is working as a Research Engineer at IBM Research AI. She also received:

i) AI for Fashion Project received an A-level accomplishment in the Innovation category for 2018.

ii) Eminence and Excellence Award 2018 for contributions to applying AI to transform fashion and retail.

iii) Received the IBM First Invention Filing Award in 2018, award in recognition for filing first patent.





## 2018

- Shri Azar Zia, an alumnus of HITK, 2010 graduate in ECE, ranked 97, the highest from Bengal in Civil Service Examination, 2017 and joined Indian Administrative Service.
- As a Team member, Shri Siddhartha Moulik (a 2012 Chemical Engineering graduate from HITK), presently a scientist in CSIR – Indian Institute of Chemical Technology, Hyderabad has got CSIR Technology Innovation Team Award 2018 for developing Innovative, Low Cost Membrane System as Import Substitutes for Production of Medical Grade Water and Resource Recovery. The award was handed over by Hon'ble Union Minister, Science & Technology, Dr. Harsh Vardhan & Director General, CSIR Professor Ashutosh Sharma on 26th September, 2018. The award carries a cheque of Rs. 2.0 lakhs and a certificate.
- Ms. Joyeeta Das, an alumnus of HITK, 2006 graduate in AEIE and founder CEO of Gyana Limited, UK featured in FORBES and was named one of the "Top 100 Asians in UK Tech in 2018", "Top 10 Women in IT 2018". She has also featured in "Top 100 technie in UK 2017" by MSDUK.
- Shri Pritam Biswas, 2007 graduate in ChE received award from IIT Mumbai for Excellence in Ph.D. Research and also Prof. K.C. Khilar Ph.D. award (Departmental Best Ph.D. thesis award). The award was conferred to him by the Hon'ble Prime Minister of India. He was also awarded IICChE Ambuja's Young Researcher's Awards in CHEMCON.

## 2017

- Shri Soumyadip Bhattacharya, an alumnus of HITK, 2011 graduate in ECE, ranked 147 in Civil Service Examination, 2016 and joined Indian Police Service with 22 rank in IPS Cadre.
- Shri Shaw Kumar Amit, an alumnus of HITK, 2011 graduate in IT, ranked 627 in Civil Service Examination, 2016 and joined Indian Police Service with 106 rank in IPS Cadre.

## 2016

- Shri Debjyoti Chowdhury, a PG student in AEIE during 2011-2013 and now a member of faculty in the Department of AEIE received prestigious Gandhian Young Technological Innovation Award at Rastrapati Bhawan, New Delhi on 13.03.2016 for development of cost-effective self stabilizing smart platform (spoon/pen) for bringing stability to the hands of elderly persons or for patients with Parkinson's disease using MEMS triaxial accelerometer under the guidance of Prof. (Dr.) Madhurima Chattopadhyay, HOD, Department of AEIE.

## 2015

- Shri Siddhartha Moulik, 2012 graduate in ChE from HITK and his team guided by Scientist Dr. S Sridhar of the Chemical Engineering division of CSIR-IICT, Hyderabad was awarded Gandhian Young Technological Innovation (GYTI) Appreciation Award in the year 2015 for their innovative design of highly compact pilot reverse osmosis/nanofiltration/ultrafiltration plants for purification of drinking water on a community level, design of submerged hand pump operated ultrafiltration system for flooded affected regions, development of membrane bioreactor systems for treatment of industrial effluents and synthesis of novel membranes for separation of liquid mixtures by pervaporation.
- Shri Arunabha Mitra, M.Tech., 2015 graduate in AEIE under the guidance of Dr. Madhurima Chattopadhyay, HOD, AEIE has received ISSS Postgraduate Student Award (Masters) 2015 for his best M.Tech. thesis organized by Institute of Smart Structures and Systems, Department of Aerospace Engineering, Indian Institute of Science, Bangalore. It's a National Level Award for Excellence. The award was presented during ISSS NC7 2015 at CUSAT, Kochi.
- Shri Anirban Roy, 2007 graduate in ChE, presently undergoing research in Dept. of ChE, IIT Kharagpur, was selected as Joint Runner Up for 5th National Award for Technology Innovation in the Category of Polymers in Public Health Care, which would help develop affordable dialysis technology: the award consists of a shield, a citation and Rs. 2.00 lacs in cash presented by the Hon'ble Minister of Chemicals and Fertilizers, GOI during a function organized at Bangalore on 21.02.2015. He was also the recipient of Young Innovator of India 2015 in Make in India Conclave awarded by the Hon'ble Prime Minister.

# Achievements





## Achievements in Games & Sports

### 2020

In the 7th Netaji Subhash Archery Championship 2020, our student of B.tech- ECE, 4th Year, Shashi Kumar won gold medal. The event was organized by Bengal Archery Association of Sports Authority of India (SAI).

### 2019

#### Ms. Mayurakshi Mukherjee, a student of 4th Year ECE

a) won 1 silver and 1 bronze in Asian Indoor Rowing Championships 2019 held in Bangkok during 27-31 March 2019. Mayurakshi was a member of Indian Rowing Team where Team India finished off with a total medal tally of 7 golds, 5 silvers and 1 bronze, finishing at the top of the leader board.

b) represented the team Bengal Rowing Club (BRC) in the 77th ARAE FEARA (Amateur Rowing Association of East & Far East Amateur Rowing Association) held at Pune, from 7th to 12th January 2019. She represented in the following events-

(i) Women's doubles and

(ii) Women's Coxless fours. She has won Silver Medal in Women's Doubles and Bronze Medal in Women's Coxless Fours. Team BRC bagged a total of 8 Gold, 12 Silver & 11 Bronze in the regatta.

#### Shri Avishek Biswas, a student of CSE 4th Year

a) won a Bronze Medal in the 17th WKI International Karate Championship 2019 held at Visakhapatnam during 22-24 November.

b) won 2 bronze medals in Kumite & Kata of Individual Invent in 22nd All India Wadokai Karate Championship 2019 held at Kanyakumari TN during 24-26 May 2019. Unfortunately in both the events he narrowly missed the silver medals.

c) Abhishek is also the 2nd prize winner of Cadence' Tensilica Hackathon 2019 (32nd International Conference on VLSI Design) held at New Delhi during 5-9 January 2019).

Shri Shashi Kumar, 4th yr. ECE student won Silver Medal in 41st State Archery Championship held during January 2019. Shashi Kumar has also got selected for Junior National Team.

### 2018

#### Ms. Mayurakshi Mukherjee, a student of 3rd year ECE

a) represented MAKAUT, WB in All India Inter University Rowing Championship 2017-2018 held during 13th -17th March, 2018 at Sukna Lake, Chandigarh and secured 2(two) gold medals in 2000 mtrs & 500 mtrs Single Sculls event.

b) secured 2nd position (Silver Medallist) in open category Single Scull event in 76th ARAE FEARA Regatta 2018 held in Kolkata during 8th – 14th January, 2018.

Ms. Rupam Kumari, a student of 3rd yr ECE has been selected to represent the State of Bihar for participation in 3rd MINF National Federation Cup & Women's Muaythai League 2018 to be held on 19-23 April, 2018 at Shere Kashmir Indoor Stadium, Srinagar (J&K).

### 2017

Shri Mihir Barman, a student of 2nd year ME has secured the 2nd position in 10km Marathon and Shri Naman Kumar, a student of 3rd year ME secured 2nd position in 15 km Kolkata Mini Marathon organized by Aaothi on 12.11.2017

### 2016

#### Ms. Mayurakshi Mukherjee, 2nd yr B.Tech., ECE, won

a) Silver medal in both Women's Coxless Fours and Single Sculls in the 74th ARAE – FEARA Rowing Championship held at Centre of Military Engineers Rowing Club, Pune on 13-17.01.2016

b) Gold medal in both Women's Coxless Fours and Single Sculls in the 5th Netaji Subhas State Games hosted by Bengal Olympic Association from 18-21.01.2016 held at Rabindra Sarobar, Kolkata

c) Bronze in Single Sculls (500 mts.) in 34th Senior National and 18th Open Sprints Rowing Championship from 25-31.01.2016 held at Hyderabad, Telangana

d) Silver Medal in the Single Sculls and Bronze in Double Sculls in the All India Inter University Rowing (M & W) Championship 2015-2016 organized by Osmania University from 21-23.02.2016 held at Hyderabad, Telangana

e) 2016 Asian Indoor Rowing Championships held in Pattaya, Thailand on 30th October, 2016. She made us proud by bagging a Silver medal in the Open Mixed Four Category and a Bronze medal in Women's Doubles.





## Admission Procedure & Other Formalities

### Bachelor of Technology (B. Tech) (4-year duration)

#### Eligibility for Admission :

- H.S. (10+2) examination of the Council of Higher Secondary Education, West Bengal or equivalent
- Qualified in Joint Entrance Examination conducted by West Bengal Joint Entrance Examinations Board / Central Board of Secondary Education and recommended by the WBJEE Board
- 80% seats to be filled up by JEE candidates, 10% by JEE (Main) candidates and 10% under Management Quota for candidates qualified through WBJEE / JEE (Main)
- Lateral Entry of diploma holders and B.Sc. degree holders through JELET conducted by the WBJEE Board, in the 2nd year with an additional intake of 10% of the approved intake.

### Master of Technology (M.Tech.) (2-year duration)

- Admissions are made from candidates allotted by MAKAUT, WB as per eligibility criteria prescribed by them (which is a relevant AICTE recognized Bachelor's Degree in Engineering / Technology or equivalent). All applicants for admission to M.Tech. programme should sit for a written test (PGET) conducted by MAKAUT, WB.

### Master of Computer Applications (MCA) (2-year duration)

- Admissions are made from candidates who have passed Bachelor's Degree in any discipline under (10+2+3) system with Mathematics as one of the compulsory subjects at Degree level and having at least 50% marks on an average in the graduation level. Such candidates will have to be qualified in the Joint Entrance Examination (JECA) conducted and recommended by the West Bengal Joint Entrance Examinations Board. There is a provision of up to 10% of seats to be filled up through Management Quota.

## Financial Aid / Assistance

- 5% seats reserved for admission under Tuition Fee Waiver (TFW) Scheme introduced by AICTE and approved by Government of West Bengal
- Free / Half free studentship to deserving students on merit-cum-means basis as per Govt. Order
- Assistance for subsidized Educational Loan from Nationalized Banks
- Assistance for scholarship / financial assistance from various Government, Non-Government Organizations and Trusts
- Assistance for Scholarship / Stipend awarded by Backward Classes Welfare Department of Govt. of West Bengal in respect of SC/ST/OBC students
- Assistance through Educational Loan Scheme of West Bengal Minorities Development and Finance Corporation for students from minority communities.

## Approach to the Institute

The Heritage campus is located on Chowbaga Road, behind Ruby General Hospital and halfway between the Eastern Metropolitan Bypass and the Basanti Expressway. The campus is exquisitely landscaped with intertwined roads connecting various buildings inside the campus. It provides a tranquil surrounding with a backdrop of lush greenery, which offers an aesthetically pleasing and serene atmosphere, on one hand, and an intellectually stimulating environment, on the other.







## EXCELLENCE IN EDUCATION

Kalyan Bharti Trust is a consortium of noted industrialists and philanthropists committed to its objective of developing the body, mind and spirit that makes compassionate, responsible and innovative global citizens with a passion for nation-building. The Trust has been heralding truly holistic education since its inception in June 2001.

The six wings of the Trust: **The Heritage School, Heritage Institute of Technology, Heritage Business School, The Heritage Academy, Heritage Law College and The Heritage College** together offer unique educational opportunities to inspire and guide young minds to build outstanding careers.

### School

ICSE & ISC  
IGCSE (Cambridge)  
IBDP- International Baccalaureate Diploma Programme

### Business Administration

Master of Business Administration (MBA)  
Bachelor of Business Administration (BBA)

### Computer Applications

Master of Computer Applications (MCA)  
Bachelor of Computer Application (BCA)

### Legal

5- Year B. A. L. L. B

### General Degree

B. Com. Hons. in Accounting & Finance  
B. A. Hons. in English  
B. Sc. Hons. in Economics, Mathematics, Physics & Chemistry

### Media Science

M. Sc. in Media Sciences  
B. Sc. in Media Sciences

### Design

Bachelor of Design (B.Des)

### Engineering & Technology

#### Undergraduate Programmes

##### B. Tech

Applied Electronics & Instrumentation Engg.  
Bio-Technology  
Chemical Engg.  
Civil Engg.  
Computer Science & Engg.  
Computer Science & Business Systems  
Electrical Engg.  
Electronics & Communication Engg.  
Information Technology  
Mechanical Engg.

#### Post Graduate Programmes

##### M. Tech

Applied Electronics & Instrumentation Engg.  
Bio-Technology  
Computer Science & Engg.  
Electronics & Communication Engg.  
Renewable Energy  
VLSI

### Social Initiatives

**SURYAKIRAN**

*Free education for the underprivileged*

**KALYANI**

*A charitable health care centre*



## Heritage Group of Institutions

Chowbaga Road, Anandapur, P.O: East Kolkata Township, Kolkata 700 107



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