Heritage Institute of Technology

(An Autonomous Institute, affiliated to MAKAUT,WB)
Accredited by NAAC with B++ grade

Where learning is an interactive
evolutionary process...

INFORMATION BROCHURE 2019

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.

KALYAN BHARTI TRUST

BOARD OF TRUSTEES

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

Chairman	Secretary
Shri Hari Krishna Chaudhary, Vikram India Ltd.	**Shri Sajjan Bhajanka,** Century Plyboards (I) Ltd.
Vice-Chairman	**Treasurer**
Shri Vikram Swarup, Paharpur Cooling Towers Ltd.	**Sajan Kumar Bansal,** Skipper Ltd.

Members

Shri Prahlad Rai Agarwala, Rupa & Co Ltd.
Shri Dayaram Agarwal, RGA Software Systems Pvt. Ltd.
Shri Dharam Chand Agarwal, Hi-Tech Systems & Services Ltd.
Shri Mahabir Prasad Agarwal, Shyam Sel & Power Ltd.
Shri Sanjay Agarwal, Century Plyboards (I) Ltd.
Shri Jaydeep Chitlangia, Madhya Bharat Papers Ltd.
Shri Suresh C. Bansal, Beekay Steel Industries Ltd.
Shri Hari Prasad Budhia, Patton International Ltd.
Shri Narain Prasad Dalmia, Dalmia Securities Pvt. Ltd.
Shri Kamal Kumar Dugar, KK Dugar & Co.
Shri Mahendra Kumar Jalan, MKJ Enterprises Ltd.
Shri Shyam Sundar Kejriwal, Kiswok Industries Pvt. Ltd.
Shri Narhari Prasad K.Koya, Indian Coal Agency
Shri Manish Periwal, Pioneer Urban Land & Infrastructure Ltd.
Shri Vishambhar Saran, Visa Steel Ltd.
Shri Sundeep Shah, Eastern Silk Industries Ltd.
Shri Gaurav Swarup, Paharpur Cooling Towers Ltd.

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

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. 2016-2017 Academic Session

** Accredited by NBA for a period of 2-years w.e.f. 2017-2018 Academic Session

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).

RECOGNITION

- In National Institutional Ranking Framework (NIRF) 2018 by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology (HITK) has been ranked within the band 101-150 among all other Engineering Universities and Institutes (considering both Government and Private) in the country. The Institute also ranked within the band 101-150 among 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 acredited by NAAC with B++ grade w.e.f. 22.02.2017
- 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 monitorde 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 47th among Top 50 T-schools** (Government and Private combined) in India.
- The Institute received the 'Best Engineering College Award' for two successeive years in 2017 and 2018 by 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 Academic Year 2017 & 2018
- As per Careers 360, Tech Colleges Ranking in West Bengal, April 2018, the Institute is rated AAAA in the State.
- 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.

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 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 of autonomous Heritage Institute of Technology

1st Convocation of autonomous Heritage Institute of Technology was held on 05.09.2017. His Excellency, Shri Keshari Nath Tripathi, Governor of West Bengal graced the occasion as Chief Guest. Prof. (Dr.) Ajoy Kumar Ray, Director, IIEST, 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.

Second Graduation Ceremony of autonomous Heritage Institute of Technology

Second Graduation Ceremony of autonomous HITK was organized on 25th January, 2019. The 2018 graduands of B.Tech. & M.Tech. was awarded the Degree Certificate. 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, Professor, IIT, KGP and Former Director, IIEST, Shibpur and Prof. (Dr.) Suranjan Das, Hon'ble Vice Chancellor, Jadavpur University were the Guest 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 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.

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.

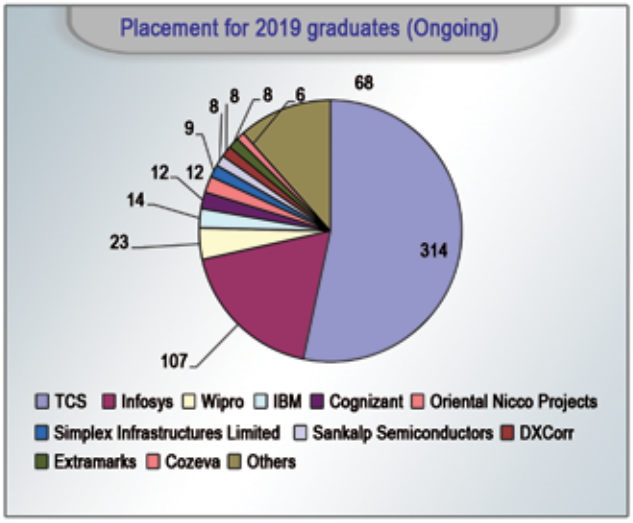
- **Training** : The Cell organizes certain orientation programmes, grooming sessions, mock interview sessions for students of each stream. Besides, the Cell organizes various summer internship programmes for students to provide them with hands-on experience and introducing them to the professional environment.

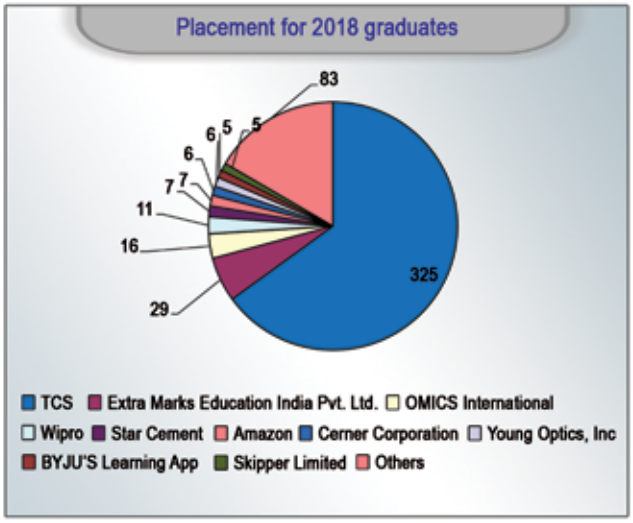
- **Placement** : The Cell continuously co-ordinates with various industries and organizations for placement of students. It has already successfully placed a high percentage of students in industry. It actively obtains feedback from organizations and conveys it to respective departments which, in turn, 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.	METAL JUNCTION SERVICES LTD.	GRINDWELL NORTON	STAR CEMENT
AKASH INSTITUTE	NESTLE INDIA LTD.	HALDIA PETROCHEMICALS LTD.	STUP CONSULTANTS PRIVATE LTD.
ALOM POLY EXTRUSIONS LTD.	NIIT TECHNOLOGIES LTD.	HCL TECHNOLOGIES LTD.	SUBEX LTD,
AMAZON	OMICS INTERNATIONAL	HEWLETT PACKARD INDIA	TATA CHEMICALS LTD.
ASAHI INDIA GLASS LTD.	PAHARPUR COOLING TOWERS LTD.	HEXAWARE TECHNOLOGIES	TATA CONSULTANCY SERVICES LTD.
BERGER PAINTS LTD.	PATTON INDIA LTD.	HITACHI CON'TING SOFTWARE SERVICES INDIA PVT. LTD.	TATA ELXSI LTD.
BIRLA CORPORATION	PERSISTENT SYSTEMS LTD.	IBM INDIA PVT. LTD.	TATA RYERSONS
BLUE COPPER TECHNOLOGIES	PHILIPS CARBON BLACK LTD.	IDEA CELLULAR	TECH MAHINDRA LTD.
BOC INDIA LTD. (LINDE GROUP)	RELIANCE COMMUNICATIONS LTD.	IDEAL PROPERTIES	TEGA INDUSTRIES LIMITED
BOSCH	CHEMTEX SPECIALITY LTD	INDWARE TECHNOLOGIES	THE SHRACHI GROUP
CADENCE DESIGN SYSTEMS	RMC READY MIX (INDIA) LTD.	INFOSYS TECHNOLOGIES LTD.	ITHIRD EYE CONSULTING SERVICES LTD.
CAPGEMINI INDIA PVT. LTD.	SAMSUNG R&D	INFOWAY	TRACTORS INDIA
CEAT LTD.	KRAYSOFT	ITC INFOTECH LTD.	TRANSASIA BIO-MEDICALS LTD.
CENTURY PLYBOARDS (I) LTD.	DELTAX	JAMES WARREN TEA LTD.	UST GLOBAL
CERNER CORPORATION	DIAMOND BEVERAGES PVT LTD. (COKE)	JARO EDUCATION	VA TECH WABAG INDIA
CHEMTEX SPECIALITY LTD	DURGAPUR CEMENT	JOHNSON CONTROLS	VIKRAM SOLAR
CISCO	DYNAMIC DIGITAL TECHNOLOGY PVT. LTD.	KEROSS RESEARCH & DEV. PVT. LTD	VISA STEEL LTD.
COGNIZANT TECHNOLOGY SOLUTIONS	EMC LIMITED	KISWOK INDUSTRIES PVT. LTD.	VODAFONE
KRAYSOFT	ERICSSON INDIA GLOBAL SERVICES PVT LTD.	SANKALP SEMICONDUCTORS	VOITH PAPER TECHNOLOGY PVT. LTD.
KREETI TECHNOLOGIES PVT. LTD.	EXTRA MARKS EDUCATION INDIA PVT. LTD.	SANMAR ENGINEERING & TECHNOLOGIES LTD.	WACKER METROARK CHEMICALS
L&T INFOTECH LTD.	FUSION CHARTS	SANMAR GROUP	WEB SPIDER
LABVANTAGE SOLUTIONS PVT LTD.	GODREJ & BOYCE MFG. CO. LTD.	SIMPLEX INFRASTRUCTURE	WIPRO TECHNOLOGIES LTD.
LINDE INDIA LTD.		SKIPPER LIMITED	
MENDINE PHARMACEUTICALS			

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 2019 and 2018 graduates are presented below:





VALUE ADDITION 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, 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.
- 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 Samriddhi Organics for R&D activities.
- KernelSphere Technologiesto 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 (IIEST) 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
- New Jersey Institute of Technology (NJIT), NJ, USA for a Summer Research Program under which the first eleven batches of student had 6-week training program at NJIT during the period 2008-2018: the twelth batch of students would be leaving for this program in mid June 2019 and thus, since its inception in 2008, the NJIT-HITK Summer Research Program have catered to a total of 110 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 form 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.

FACULTY & STAFF

The faculty comprises eminent, highly qualified and experienced persons from various streams of Science, Engineering, Management and other inter-disciplinary subjects with proficiency in teaching, in-depth research and industrial experience. A high teacher-student ratio maintained by the Institute facilitates improved interaction with students.

Professor (Dr.) Pranay Chaudhuri,
Principal & Professor, CSE

Academic Departments:

Degree awarding Departments

Applied Electronics & Instrumentation Engineering (B.Tech. & M.Tech.)

Professor (Dr.) Madhurima Chattopadhyay, Professor & HOD
Professor (Dr.) Santanu Ghorai, Professor
Professor Surajit Bagchi, Associate Professor
Professor (Dr.) Arabinda Kumar Pal, Associate Professor
Prof. Reshma Sengupta, Assistant Professor
Prof. Damayanti Ghosh, Assistant Professor
Prof. (Dr.) Soumik Das, Assistant Professor
Prof. Indrajit Naskar, Assistant Professor
Prof. Arindam Sarkar, Assistant Professor
Prof. Samiul Alam, Assistant Professor
Prof. Samik Chakraborty, Assistant Professor & DC
Prof.(Dr.) Pradip Saha, Assistant Professor
Prof. (Dr.) Anil Kumar Bag, Assistant Professor
Prof. Debjyoti Chowdhury, Assistant Professor

Biotechnology (B.Tech. & M.Tech.)

Professor (Dr.) Srabanti Basu, Professor & HOD
Professor (Dr.) Dipankar Chaudhuri, Professor
Prof. (Dr.) Riddhi Goswami, Assistant Professor & DC
Prof. (Dr.) Nandan Kumar Jana, Assistant Professor
Prof. (Dr.) Tapan Kumar Ghosh, Assistant Professor
Prof. (Dr.) Soma Banerjee, Assistant Professor
Prof. (Dr.) Bhaswati Chakraborty, Assistant Professor
Prof.(Dr.) Sudipta Dey Bandyopadhyay, Assistant Professor
Prof. (Dr.) Kakali Mukherjee, Assistant Professor
Prof. (Dr.) Ruplekha Chatterjee, Assistant Professor
Prof. Plaban Chaudhuri, Assistant Professor
Prof. Sonali Hazra Das, Assistant Professor
Prof. (Dr.) Aparupa Bhattacharya, Assistant Professor
Prof. (Dr.) Rakha Majumdar, Assistant Professor (On lien)

Chemical Engineering (B.Tech. & M.Tech.)

Professor (Dr.) Sulagna Chatterjee, Professor & HOD
Professor (Dr.) Pinaki Bhattacharya,
Emeritus Professor & Head-R&D
Professor (Dr.) Swami Vedajnananda, Professor
Professor (Dr.) Tapan Kumar Parya,
Professor & Coordinator - Research & Training
Prof. (Dr.) Sangita Bhattacharjee, Assistant Professor
Prof. (Dr.) Diptendu Datta, Assistant Professor
Prof. (Dr.) Alok Kumar Sen, Assistant Professor
Prof.(Dr.) Pramita Sen, Assistant Professor (On lien)
Prof. Abhyuday Mallick, Assistant Professor & DC
Prof.(Dr.) Dwaipayan Sen, Assistant Professor
Prof.(Dr.) Aparna Ray Sarkar, Assistant Professor
Prof.(Dr.) Avijit Ghosh, Assistant Professor

Civil Engineering (B.Tech.)

Professor (Dr.) Tapas Sadhu, Professor & HOD
Professor (Dr.) Sarmila Sahoo, Associate Professor & DC
Professor (Dr.) Seema Narain, Associate Professor
Prof. (Dr.) Monideepa Bakshi, Assistant Professor
Prof. Puja Basu Chaudhury, Assistant Professor
Prof. (Dr.) Subha Sankar Chowdhury, Assistant Professor
Prof. Prithwish Saha, Assistant Professor
Prof. Rudra Prasad Roychowdhury, Assistant Professor
Prof. Tushar Das, Assistant Professor
Prof. Sourav Kar, Assistant Professor
Prof. Dona Chatterjee, Assistant Professor
Prof. Debanjan Ghosh, Assistant Professor
Prof. (Dr.) Rajashree Lodh, Assistant Professor
Prof. Bedshruti Sen, Assistant Professor
Prof. Chandrima Bhadra, Assistant Professor
Prof. (Dr.) Kaustav Bakshi, Assistant Professor(On lien)

Computer Sc. & Engineering (B.Tech. & M.Tech.)

Prof.(Dr.) Pranay Chaudhuri, Principal & Professor
Prof. (Dr.) Subhashis Majumdar, Professor, HOD & Dean (UG)
Prof. (Dr.) Amitava Bagchi, Emeritus Professor
Prof. (Dr.) Dinabandhu Bhandari, Professor
Prof. (Dr.) Prosenjit Gupta, Professor (on lien)
Prof. (Dr.) Aniruddha Dasgupta, Associate Professor (On lien)
Prof. Kalarab Ray, Associate Professor & Controller of Examinations
Prof. Kamal Podder, Associate Professor
Prof.(Dr.) Partha Basuchowdhuri, Associate Professor
Prof. Somenath Sengupta, Assistant Professor
Prof. (Dr.) Mohuya Byabartta (Kar), Assistant Professor
Prof. (Dr.) Poulami Das, Assistant Professor & DC
Prof. Shilpi Saha, Assistant Professor
Prof. Sujay Saha, Assistant Professor
Prof. Nilina Bera, Assistant Professor
Prof. Sandip Samaddar, Assistant Professor
Prof. Pratyusa Dash, Assistant Professor
Prof. Satabdi Barman, Assistant Professor
Prof. Sumana Barman, Assistant Professor
Prof. Arindam Chatterjee, Assistant Professor
Prof. Sabyasachi Banerjee, Assistant Professor
Prof. Reshma Roychoudhuri (Mitra), Assistant Professor
Prof. Nilanjana G.Basu, Assistant Professor
Prof. Anindita Ghosh, Assistant Professor
Prof. (Dr.) Anindita Kundu, Assistant Professor
Prof. Amitava Acharya, Assistant Professor
Prof. Lopamudra Dey, Assistant Professor
Prof. Piyali Datta, Assistant Professor
Prof. Susobhan Baidya, Assistant Professor
Prof. Smritikona Barai, Assistant Professor
Prof. Rumpa Hazra, Assistant Professor
Prof. Adrija Bhttacharya, Assistant Professor
Prof. Aritra Saha, Assistant Professor
Prof.(Dr.) Anirban Bhar, Assistant Professor
Prof. Saikat Bandopadhyay, Assistant Professor
Prof. Sudeshna Ghosh(Goswami), Assistant Professor
Prof. Somak Sen, Assistant Professor
Prof. Jhalak Dutta, Contractual Faculty
Prof. Partha Mukherjee, Assistant Professo (On lien)
Prof. Mandakini Majumdar, Assistant Professor(On lien)

Electrical Engineering (B.Tech.)

Prof. (Dr.) Goshaidas Ray, Professor
Prof. (Dr.) Saibal Dutta, Associate Professor & HOD
Prof. Amitava Hatial, Assistant Professor
Prof. Emily Datta, Assistant Professor
Prof. Sudipta Mitra, Assistant Professor
Prof. Sanjay Chandra Das, Assistant Professor & DC
Prof. Nabanita Chatterjee, Assistant Professor
Prof. Sarmistha Sinha, Assistant Professor
Prof. Sanjib Kumar Kundu, Assistant Professor
Prof. Jayita Sarkar, Assistant Professor
Prof. Bidisha Roy, Assistant Professor
Prof. Reetwik Bhadra, Assistant Professor
Prof. Anirban Kolay, Assistant Professor
Prof. Suvobrata Sil, Assistant Professor

Electronics & Communication Engineering (B.Tech. & M.Tech.)

Professor (Dr.) Prabir Banerjee, Professor & HOD
Professor (Dr.) Anindya Sen, Professor
Professor Siladitya Sen, Associate Professor
Professor Krishanu Datta, Associate Professor
Professor (Dr.) Shounak Dasgupta, Associate Professor
Prof. (Dr.) Atanu Kundu, Assistant Professor & DC
Prof. (Dr.) Sriparna Bhattacharya, Assistant Professor
Prof. Dulal Mondal, Assistant Professor
Prof. Rudranath Mitra, Assistant Professor
Prof. Sayantani Datta, Assistant Professor
Prof. Arindam Ray, Assistant Professor
Prof. (Dr.) Asima Adak, Assistant Professor
Prof. Soumyo Chatterjee, Assistant Professor
Prof.(Dr.) Mousiki Kar, Assistant Professor
Prof. Subhrajit Chakraborty, Assistant Professor
Prof. Shib Shankar Bhowmick, Assistant Professor
Prof. (Dr.) Susovan Mondal, Assistant Professor
Prof. Md. Shahnawaz, Assistant Professor
Prof. Rajib Ranjan Pal, Assistant Professor
Prof. Sabyasachi Chatterjee, Assistant Professor
Prof. Chandrima Roy, Assistant Professor
Prof. Tapas Chakrabarti, Assistant Professor
Prof. Prativa Agarwalla, Assistant Professor
Prof. Debanjali Sadhu, Assistant Professor
Prof. Orijit Biswas, Assistant Professor
Prof. (Dr.) Srabanti Pandit, Assistant Professor
Prof. Soumya Kanti Raj, Assistant Professor
Prof. (Dr.) Kasturi Mukherjee, Assistant Professor
Prof. (Dr.) Sayantan Dhar, Assistant Professor
Prof. Amrita Banerjee, Assistant Professor
Prof. Tania Das, Assistant Professor
Prof. Debamita Roy, Assistant Professor
Prof. Pratima Shaw, Assistant Professor
Prof. Ananya Chattopadhyay, Assistant Professor

Information Technology (B.Tech.)

Professor (Dr.) Tapan Chakraborti, Professor & HOD
Professor (Dr.) Siuli Roy, Professor
Prof. Satarupa Bagchi(Biswas), Assistant Professor
Prof. Hemanta K. De, Assistant Professor
Prof. Sandipan Dutta, Assistant Professor
Prof. Rituparna Samaddar Sinha, Assistant Professor
Prof. Sudipta Bhadra, Assistant Professor
Prof. Uttam Kumar Dash, Assistant Professor
Prof. Deep Malya Mukhopadhyay, Assistant Professor & DC
Prof. Bappa Sarder, Assistant Professor
Prof. Rajib Biswas, Assistant Professor
Prof. Joydev Hazra, Assistant Professor
Professor (Dr.) Anindya Jyoti Pal, Professor (On lien)

Mechanical Engineering (B.Tech.)

Professor (Dr.) Jyotirmoy Saha, Professor
Professor (Dr.) Sukanta Sarkar, Associate Professor & HOD
Professor (Dr.) Amal Kumar Ray, Associate Professor
Prof. Sankar N. Mukhopadhyay, Assistant Professor& DC
Prof. (Dr.) Arup Jyoti Bhowal, Assistant Professor
Prof. Bankim Pattanayak, Assistant Professor
Prof. Amalendu Biswas, Assistant Professor
Prof. Ritwik Mandal, Assistant Professor
Prof. (Dr.) Rajarshi Sengupta, Assistant Professor
Prof. (Dr.) Sumanta Banerjee, Assistant Professor
Prof. Sudip Kumar Halder, Assistant Professor
Prof. Sudipta Roy, Assistant Professor
Prof. Subham Kundu, Assistant Professor
Prof. Sukanta Saha, Assistant Professor
Prof. Manik Barman, Assistant Professor
Prof. Vishnu Kumar Singh, Assistant Professor
Prof. Anubhab Basu, Assistant Professor
Prof. (Dr.) Arindam Mandal, Assistant Professor
Prof. Rajat Dutta, Assistant Professor
Prof. Sovan Bhowmick, Assistant Professor
Prof. Debiprasad Banerjee, Assistant Professor
Prof. Ranojit Banerjee, Assistant Professor
Prof. Sanat Kumar Singha, Assistant Professor
Prof. (Dr.) Arkadeb Mukhopadhyay, Assistant Professor
Prof. Avik Ray, Assistant Professor
Prof. Pritam Ghosh, Assistant Professor

Computer Applications (MCA)

Prof. (Dr.) Souvik Basu, Assistant Professor & HOD
Prof. Debabrata Kar, Assistant Professor
Prof. Sandipan Ganguly, Assistant Professor & DC
Prof. Subhra Pramanick, Assistant Professor
Prof. (Dr.) Jyotirmoy Ghosh, Assistant Professor
Prof. Subhajit Rakshit, Assistant Professor
Prof. Palash Ghosh, Assistant Professor
Prof. Sumon Ghosh, Assistant Professor
Prof. Anirban Kundu, Assistant Professor (On lien)

Other Departments

Chemistry

Professor (Dr.) Dulal C Mukherjee, Advisor
Professor (Dr.) Jayati Datta, Professor, HOD & Head, Renewable Energy Research Centre
Prof. (Dr.) Anandalok Audhya, Assistant Professor & DC
Prof. (Dr.) Ruma Roy Chaudhury, Assistant Professor
Prof. (Dr.) Abhijit Mandal, Assistant Professor
Prof. (Dr.) Enakshi Dinda, Assistant Professor
Prof. (Dr.) Timir Hajari, Assistant Professor
Prof. (Dr.) Piyali Paul, Assistant Professor
Prof. (Dr.) Ritu Mukherjee (Mishra), Assistant Professor(On lien)
Prof. (Dr.) Kasturi Sanyal, Assistant Professor(On lien)

Humanities

Prof. (Dr.) Suparna Chakraborti, Assistant Professor & HOD
Prof. (Dr.) Aditi Bhunia Chakraborty, Assistant Professor
Prof. (Dr.) Kasturi Guha Thakurta, Assistant Professor
Prof. Saptaparna Roy, Assistant Professor & DC
Prof. Koyel Mallick, Assistant Professor
Prof. (Dr.) Madhumita Chanda, Assistant Professor
Prof. Indira Chakraborty (Bhattacharya), Assistant Professor
Prof. (Dr.) Amrita Sen, Associate Professor (On lien)

Mathematics

Prof. (Dr.) Sandip Chatterjee, Assistant Professor & HOD
Prof. Moulipriya Sarkar, Assistant Professor
Prof. (Dr.) Arpita Paul, Assistant Professor & DC
Prof. (Dr.) Jhumpa Bhadra, Assistant Professor
Prof. (Dr.) Swarnali Sharma, Assistant Professor
Prof. (Dr.) Somjit Datta, Assistant Professor
Prof. Dipankar Chakrabarti, Assistant Professor
Prof. (Dr.) Rituparna Ghosh, Assistant Professor
Prof. Sudipta Sarkar, Assistant Professor
Prof. (Dr.) Samarpita Bhattacharya, Assistant Professor
Prof. Moumita Pramanik, Assistant Professor
Prof. Venu Bihani, Assistant Professor

Physics

Professor (Dr.) Nirmalya Prasun Nayak, Professor, HOD & Dean (Students' Affairs)
Prof. (Dr.) Ajanta Das, Assistant Professor & DC
Prof. (Dr.) Dibyendu Mal, Assistant Professor
Prof. (Dr.) Sudeepto Sen, Assistant Professor
Prof. (Dr.) Arindam Chakraborty, Assistant Professor
Prof.(Dr.) Himadri Ghosh, Assistant Professor
Prof. (Dr.) Baisakhi Mal, Assistant Professor
Prof.(Dr.) Ritayan Chatterjee, Assistant Professor

Management & Administration:

Mr. Probir Roy, Director, KBT
Mr. Pradip Kumar Agarwal, Chief Executive Officer, KBT
Mr. K. K. Chaudhuri, Advisor, Heritage Business School
Professor (Dr.) Pranay Chaudhuri, Principal
Dr. Sujit Kumar Barua, Registrar
Professor Kalarab Ray, Controller of Examinations
Professor (Dr.) Subhashis Majumder, Dean (UG)
Professor (Dr.) Nirmalya Prasun Nayak, Dean (Student Affairs)
Professor (Dr.) Souvik Basu, Director (Acting), CAC
Professor (Dr.) Nirman Ganguly, Deputy Controller of Examinations
Mr. Manoj Saraogi, CFO
Mr. Santosh Kr. Ray, DGM
Mr. Clayton M. Moses, Co-ordinator (Student Affairs & International Relations)
Dr. Binod Behari Das, Advisor-Library
Mr. Kaushik Bhattacharya, Head-T&P
Commander (Retd.) S. Dey, VSM, Campus Administrator
Mr. Pratyush Chatterjee, Joint Campus Administrator
Mr. Jaydeep Goswami, Head-HR
Mr. R. R. Kutty, Manager - Purchase
Mr. Arvind Srivastava, Joint Registrar
Mr. Debjit Adhikari, General Manager Project
Ms. Sudhasree Subramanian, DGM ERP & Systems
Ms. Sarika Agarwal, Manager (F&A)
Mr. Sanjay Agarwal, Manager - Projects
Mr. Debasish Karmakar, Manager Systems
Mr. Debashis Chatterjee, Manager Maintenance
Mr. Satya Priya Rarhi, Law Officer
Ms. Nayana Chatterjee, Deputy Manager – HR
Mr. Chittaranjan Pani, Deputy Manager – Systems
Ms. Savitri Roy, Sr. Purchase Officer
Mr. Susanta Das, Purchase Officer
Mr. Nareshwar Chatterjee, Sr. Maintenance Engineer
Dr. (Ms.) Banhishikha Bhattacharyya, Students' Counsellor
Mr. Partha Sarathi Bhowal, EA to CEO - BD & PR
Ms. Rupa Mukherjee, Officer on Special Duty to CEO
Ms. Sarbani Chakraborty, Assistant Registrar-II
Mr. Saibal Kumar Maity, Section Officer-I
Mr. Arunava Mazumdar, Section Officer-II
Dr. Sunil Singh, HOD Sports
Mr. Subrata Naskar, Stores Officer

Research Grants

- 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, IIEST, NIT Dgp & Kalyani GEC, where Dr. Pranay Chaudhuri, Principal is the Principal Investigator (PI) and Dr. Siuli Roy, Director-CAC 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 use in dye sensitized solar cell and sensor systems of a total project outlay of Rs. 187 lacs under DST-Nano Mission Project of Prof. (Dr.) Jayati Datta, HOD & Professor, Dept. of Chemistry, HITK has been transferrred in favour of HITK from IIEST, Shibpur.
- 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 of Prof. (Dr.) Jayati Datta, HOD & Professor, Dept. of Chemistry, HITK has been transferred in favour of HITK from IIEST, Shibpur.
- Project on Detection and quantification of pollutants in aquatic ecosystem funded by ITRA, Govt. of India, where Prof. (Dr.) Anindya Sen is the Principal Investigator and Prof. (Dr.) Prabir Banerjee and Prof. Soumya Kanti Raj from ECE Department are the Co-Investigators with a financial outlay of Rs. 28.87 lacs out of Rs. 4.68 crores sanctioned for six participating institutes.

- 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 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 Application of ICT in Disaster Management, funded by AICTE under RPS, where Dr. Siuli Roy, Director-CAC is the Principal Investigator with a financial outlay of Rs. 1.00 lac

Patents filed

Filed in India

Department of Biotechnology:

- A process for characterization of the bioactive component present in triogonenella 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 harbal 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 tinospora 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 Algorithmn 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 Flurorescence 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

- An 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 Banerjea, Former Vice Chancellor, BESU and Prof. Paolo Toth, Professor Emeritus, Univ. of Bolonga, 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.
- An International Conference on "Advances in Bioprocess Engineering and Technology" (ICABET -2016) organized by the Department of Chemical Engineering (ChE) and the Department of Biotechnology (BT) at our Institute during January 20th to 22nd, 2016. The conference was inaugurated by Shri Keshari Nath Tripathi, the Hon'ble Governor of West Bengal. Authors from various reputed institutes, including those in Turkey, Poland, USA, Australia and Bangladesh and also from well-known technical institutes in India like IIT-Bombay, IIT-Kharagpur, JU, IIIT-Hyderabad, IIT-Roorkee CGCRI, etc. participated in the 3-day conference.
- An International Conference on "Applied Algorithm" (ICAA – 2014), the 1st of its series, with 7 eminent invited speakers from Germany, USA, Greece, Israel and India and Proceedings published by Springer, was organized during 13-15.01.2014, inaugurated by Prof. Ajoy Kumar Ray, Director, IIEST.
- An International Conference on "Electronics, Communication and Instrumentation" (ICECI – 2014) with invited speakers from UK, Canada and India and proceedings to be published by IEEE Digital Library was organized during 16-17.01.2014 inaugurated by Prof. Bhabani P. Sinha, ISI, Kolkata.

National

National Conference on "Recent Advances in Science & Technology (NCRAST – 2016)" was organized by Heritage Institute of Technology during 27-29.09.2016. The primary goal of the Conference is to promote research and development activities in emerging areas of Science & Technology. The conference was inaugurated by Prof. (Dr.) Bikash Sinha, INSA Emeritus Scientist, Former Homi Bhaba Professor, Dept. of Atomic Energy and Former Director, Saha Institute of Nuclear Physics and Variable Energy Cyclotron Centre.

National Conference on Mathematical Trends in Physical Sciences 2014 (NCMTPS 2014), jointly organized by the Depts. of Maths and Physics during 13-14.08.2014, was inaugurated by Swami Atmapriyanandaji Maharaj, VC, RK Mission Vivekananda University, Belur. The e-proceedings of the Conference were published by the internationally reputed Research Publishing Services, Singapore. The e-proceeding contains 13 articles in total.

National Level Workshop on Solid Waste Management organized by the Dept. of Chemical Engineering was held during 19-20 March, 2015, in which National level policy makers on Solid Waste Management were present as resource persons.

National Seminar on Role of Mathematics in Socio-Economic Research was organized by the Department of Mathematics in collaboration with Liberalization of Society by Education & Research (L'SER) and Operational Research Society of India (ORSI), Kolkata during 28-29 March, 2015.

The prestigious Centenary Celebration of the Indian Science Congress was organized by the University of Calcutta in collaboration with HITK from 3rd January to 7th January 2013.

As a part of the celebrations, the following two interactive sessions were held at the campus:

(i) An Interactive Session with Prof. Ei-ichi Negishi, 2010 Nobel Laureate in Chemistry from Japan on 04.01.2013 and

(ii) The programme: 'Children Scientists Meet' on 06.01.2013 in which several eminent personalities including Prof. Yuan Tseh Lee, Nobel Laureate in Chemistry for 1986 interacted with students of Heritage and other Institutions

LABORATORIES

Dept. of Applied Electronics & Instrumentation Engineering

• Electronics Measurements & Instrumentation Lab • Transducers & Sensors Lab • Industrial Instrumentation Lab • Microprocessor & Micro-controller Lab • Control Engineering Lab • Power Electronics Lab • Telemetry & Remote Control Lab • Circuit & Networks Lab • Process Control Lab • Electrical Measurement Lab • Microprocessor based System Lab • Instrumentation & Control Design Lab • DSP & Embedded Systems Lab • Project Lab • Instrumentation Lab for M.Tech. / Process Instrumentation Lab • Virtual Instrumentation Lab • Analog Electronics Lab • Research Lab (M.Tech.)

Dept. of Biotechnology

• Biochemistry Lab • Microbiology Lab • Basic Environmental Engineering Lab • Fermentation Technology Lab / Bioreaction Engineering Lab / Bioseparation Lab • Bioinformatics Lab • Plant Tissue Culture Lab • RDNA Technology Lab • Immunology Lab • Molecular Biology Lab • Research Lab • Genetics Lab • Food Technology Lab • M.Tech. Project Lab

Dept. of Chemical Engineering

• Fluid Mechanics Lab • Heat Transfer Lab • Mass Transfer Lab • Mechanical Operations Lab • Instrumental Methods of Analysis Lab • Energy Lab • Chemical Reaction Engineering Lab • Process Control Lab • Numerical Methods of Analysis Lab • Process Equipment Design & Drawing-I, II&III Lab • Project Lab • Research Lab • Environmental Engg. Lab • Chemical Engineering Thermodynamics Lab

Dept. of Civil Engineering

• Strength of Materials Lab/Solid Mechanics Lab • Survey Lab • Building Design & Drawing Lab • Soil Mechanics Lab • 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 • Computer Organization Lab • Central Computing Lab • Algorithmn & Software Engineering Lab / Web Intelligence Lab • Multimedia Lab • Object Oriented Lab • Microsoft Lab / Big Data Science Lab • Advanced Computing Lab (M.Tech.) • Linux Lab • Mobile Computing Lab • Project Lab • Research Lab (M.Tech.) • Control System Lab

Dept. of Electrical Engineering

• Basic Electrical Engineering Lab • Electrical Circuit Lab • Control System Lab • Electrical Measurement Lab • Electrical Machines Lab • Microprocessor & Microcontroller Lab • Power System Lab I & II • Power Electronics & Drives Lab/Analog Electronics Lab • Machine Lab

Dept. of Electronics & Communication Engineering

• Basic Electronics Engineering Lab I & II • Digital Electronics & Integrated Circuit Lab • Analog Electronics & Circuit Lab • Communication Engineering Lab – M.Tech. • Digital Communication Lab • Advance Communication Engg. Lab • Analog Communication Lab • Propagation Antennae Lab • Microwave Engineering Lab • Electronics Design & Circuit Lab • VLSI Lab • DSP Lab • Research / Project Lab • Signal & System Lab • M.Tech. Communication Lab • Embedded Sys Lab(M.Tech.-ECE)/(M.Tech.-VLSI) • Project Lab

Dept. of Information Technology

• Basic Computing Lab – I • Basic Computing Lab – II • Algorithm and Software Engg. & Project Lab • DBMS Lab • Java Lab • Digital Electronics & Computer Organization Lab • Multimedia & Web Technology Lab • Network Lab • Project Lab / Wireless Networking Lab (M.Tech.) • Information System Analysis & Design Lab • System Administration Lab

Dept. of Mechanical Engineering

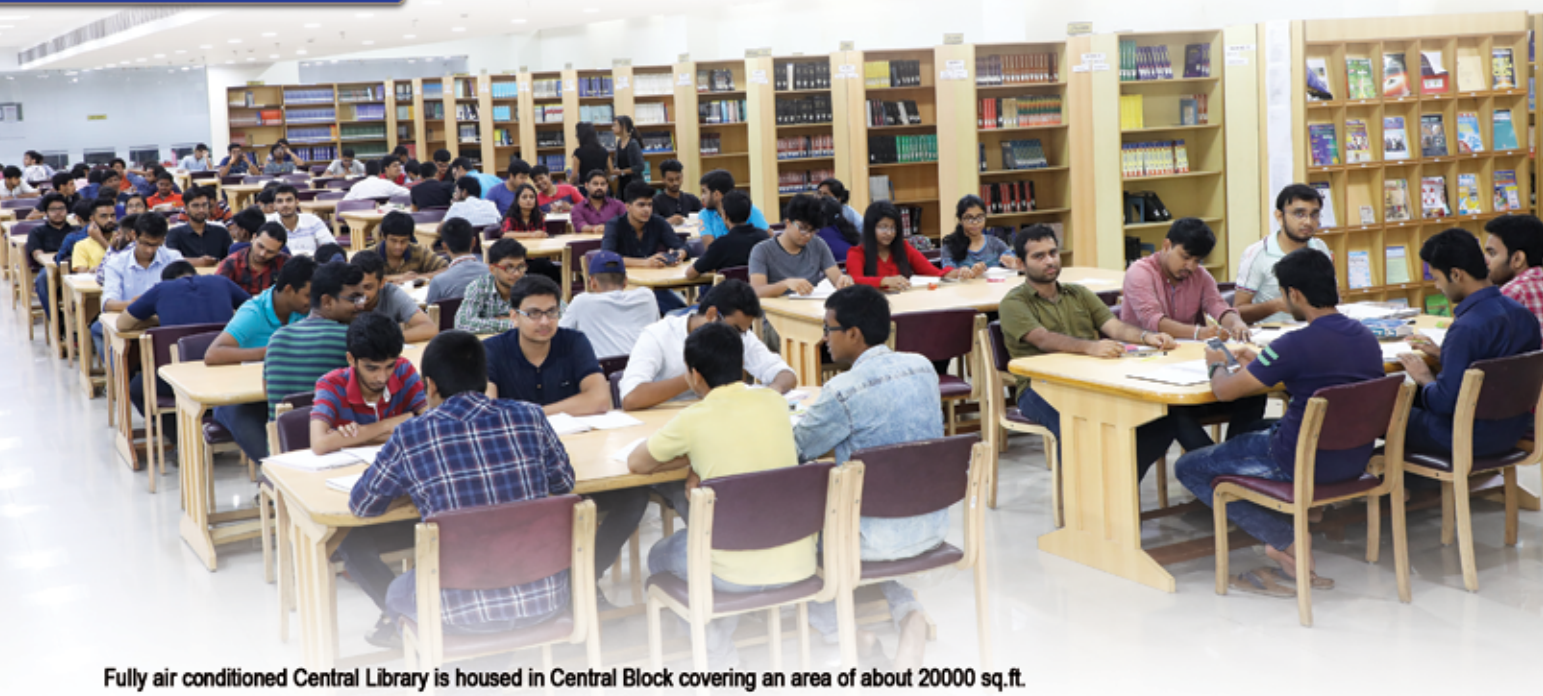
• Applied Mechanics Lab • Workshop Practice Lab • Advance Manufacturing Lab • Fluid Mechanics and Hydraulics Lab • Manufacturing Technology Lab • Material Testing Lab • Engineering Drawing (CAD-CAM Lab) • Thermal Power Engg. Lab / Refrigeration and Air Conditioning Lab • Thermodynamics & Heat Transfer 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

Computer Application Centre

• Programming Lab (C) • Data Structure Lab • Object Oriented Programming Lab • Database Lab • Algorithm Lab, Digital Logic Lab • UNIX and Network Programming Lab • Advanced Database Lab • Business Presentation and Language Lab • Software Engineering Lab • Web Technology Lab • Computer Graphics Lab • Advanced Java Lab

Dept. of Chemistry	Dept. of Humanities	Dept. of Physics
Engineering Chemistry Lab	Language Lab	Engineering Physics Lab

CENTRAL LIBRARY



Fully air conditioned Central Library is housed in Central Block covering an area of about 20000 sq.ft.

It has a generous collection of about 56,850 (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.

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.

LECTURE AND TUTORIAL ROOMS

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

COMPUTING FACILITIES

All degree awarding departments have its own computer laboratories for undertaking project, research and development work. All the computers are Wi-Fi connected with 100 Mbps leased line for 24 hours. All students are provided with unique email id for having anytime access to institute related information.

AUDITORIUM

Centrally air-conditioned Swami Vivekananda Auditorium with a seating capacity of 500 is situated in the Central Block of the Institute.

STUDENTS' DISCIPLINE

The sanctity of the Institute must always be preserved through strict discipline, decent behaviour, respect for others and use of appropriate language. 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. All students seeking admission to the Institute and / or willing to reside in hostels as well as their guardians are required to submit individual affidavits to the effect they are aware that ragging being a social crime, a student would never encourage / indulge in ragging and that in case found guilty, he / she shall be liable to be expelled from the Institute apart from imposition of a hefty fine and, as per Hon'ble Court's Order, the student would not be eligible for admission in any other Institute. To make the process easy, MHRD has developed an ONLINE facility for which affidavits are also required to be filed ONLINE at : www.antiragging.in OR 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.

STUDENTS' AMENITIES

Health Care : A medical unit is available in the campus besides arrangements with hospitals located nearby.

Hostel : Board and lodging facilities are available separately for outstation boys and girls. Seats are limited and allotted on the basis of distance from the native place of the student.

Cafeteria : The Institute has an excellent cafeteria. Multi-cuisine lunch and snacks are being served in the cafeteria.

Students' Corner : Essential books, stationery etc., as well as reprographic facilities are available in the corner.

Common Room : The Institute has separate Common Rooms for boys and girls, equipped with indoor games facilities like table tennis, carom, chess etc.

Games & Sports : There are excellent facilities for outdoor games and sports like cricket, football, volleyball and basketball managed by a Sports Officer.

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 the Traffic island near Ruby General Hospital.

Banking : A branch of Punjab National Bank is located within the campus with ATM facility for the benefit of students and members of 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 extension counter of a reputed courier service inside the campus.

STUDENTS' ACTIVITIES

- The Institute constituted 18 (eighteen) 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.
- 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, under the aegis of the Students' Council. 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).
- Outstanding Students' Achievements in Competitive Examinations.

Students Achievements

2019

- 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 Confence 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 competiotion.

- 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 KSHITIJ (Tech-fest of IIT Kharagpur), 18-20 Jan, 2019.

- Ms. Arisha Arora (2018 B.Tech. graduate) got 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.

- The following 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 Deloittee Innovation award under the Ministry Department of space (ISRO) Problem category "Geofencing of data of NavIC/IRNS 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 participae 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.

- 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 Bio- technology, has been selected in the summer research programme of "Indian Academy of Sciences" during 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 todays' 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.(Dr.) 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.

- 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.

Achievements in Games & Sports

2019

- Mr. Shashi Kumar, 3rd 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.

- Ms. Mayurakshi Mukherjee, 4th year ECE, 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.

2018

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

- Ms. Mukherjee had also secured 2nd position (Silver Medalist) 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 Fedaration 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 Aaohi 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, Telengana

- 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, Telengana

- 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.

Success at CAT (only 90 percentile and above quoted)

2019

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

2017

Name / Branch	Percentile
Shri Indrasis Roy (ECE)	99.39
Ms. Yalini Chaturvedi (AEIE)	98.94
Ms. Sayantani Ghosh (AEIE)	98.92
Shri Nikit Kedia (CSE)	98.45
Shri Rishabhnand Singh (IT)	97.52
Ms. Ruanna Ruth Rodriguez (ECE)	95.80
Shri Nabil Akhtar (ECE)	95.75
Shri D. Nihanth (ECE)	93.80
Shri Mainak Dutta (ECE)	92.88
Ms. Ankita Singh (BT)	92.30

2018

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

2016

Name / Branch	Percentile
Shri Sayak Guha (ECE)	98.98
Shri Souvik Parihal (ECE)	97.97
Shri Sarang Modi (AEIE)	97.45
Shri Ayan Das (CSE)	96.08
Shri Sounak Saha (ECE)	92.88
Shri Navonil Chatterjee (AEIE)	91.37
Shri Soumyabrat Tiwari (BT)	91.20
Ms. Aurina Datta (ECE)	91.15

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 (Ch E)	134

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

2018

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

2016

Name / Branch	All India Rank
Ms. Aruja Rustagi (BT)	19
Ms. Ahana Chatterjee (BT)	62
Ms. Sakshi Maskara (CSE)	82
Shri Sunandan Dhar (BT)	91
Shri Keshab Patra (ME)	103
Ms. Torsha Kundu (BT)	129
Shri Manojit Laha (AEIE)	134

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

Shri Sayan Mondal, would be a Electrical Engieering 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.

Other Academic Attainments

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

2018

- Ms. Tulika Das, AEIE, New Jersey Institue 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, Newyork, 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. Madhuja 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

National

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
- 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

2018

- Shri Bihan Sen, CSE, M.Tech. (CS) program, Indian Statistical Institute, 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 Sitesh Singh, AEIE, M.Tech. program, BIT Mesra
- Ms. Sayantani Ghosh, AEIE, PGD program, IIM Kozhikode
- Ms. Shuruti Bansal, IT, ME program, BITS Pilani
- Ms. Snigdha Jain, IT, M.Tech. program, NIT Tiruchirapalli
- Shri Rishabhnand Singh, IT, PGD program, IIM Rohtak
- Shri Aditya Neel, IT, M.Tech. program, IIIT Hyderbad
- 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 Pai 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, IIEST, Shibpur
- Shri Tathagata Bandyopadhyay, CE, MS program, IIT Kanpur
- Shri Ramanand Shukla, CE, M.Tech. program, BITS Pilani
- Shri Aitichya Chandra, CE, M.Tech. program, BITS Pilani
- Mohammad Qutubddin, CE, M.Tech. program, IIEST, 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. prorgam, 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 Neiladri 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. of Business Economics, Univ. of Delhi
- Shri Mohit Agarwal, IT, M.Tech. program, BITS Pilani
- Shri Jigmee Dorjee Sherpa, ME, PGDM program, IIM Calcutta
- Shri Dwaipayan Chakraborty, ME, PGDM program, IIM Tricy
- 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

Awards for Academic Excellence by Alumni

2019

- Mr. Saurabh Suman Yadav, alumnus of HITK, 2010 graduate in ECE ranked 55th in the Civil Service Examination, 2018 and joined Indian Information Service.
- Mr. Siddhartha Moulik (a 2012 Chemical Engineering Graduate from HITK) received Award from Telangana Academy of Sciences for his contributions in Science & Technology in 2019

2018

- Mr. 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 who is now Founder & CEO of Gyana Limited, UK had been featured in FORBES among the 'Top Business Leaders' and was also featured among the 'Top 100 Asian Stars' in 'UKTech' in 2018 and 'Top 10 Women in IT' in 2018. She was also featured among the 'Top 100 techie' in UK in 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 IIChE Ambuja's Young Researcher's Awards in CHEMCON.

2017

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

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% (instead of 20% form the Academic Session 2019-2020) of the approved intake.

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

Admissions are made from candidates allotted by MAKAUT 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.

Master of Computer Application (MCA) (3-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 60% 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 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 (G.O. No.: 69-Edn(T)/10M-70/12 dated 01.02.2018)

Assistance for subsidized Educational Loan from Nationalized Banks

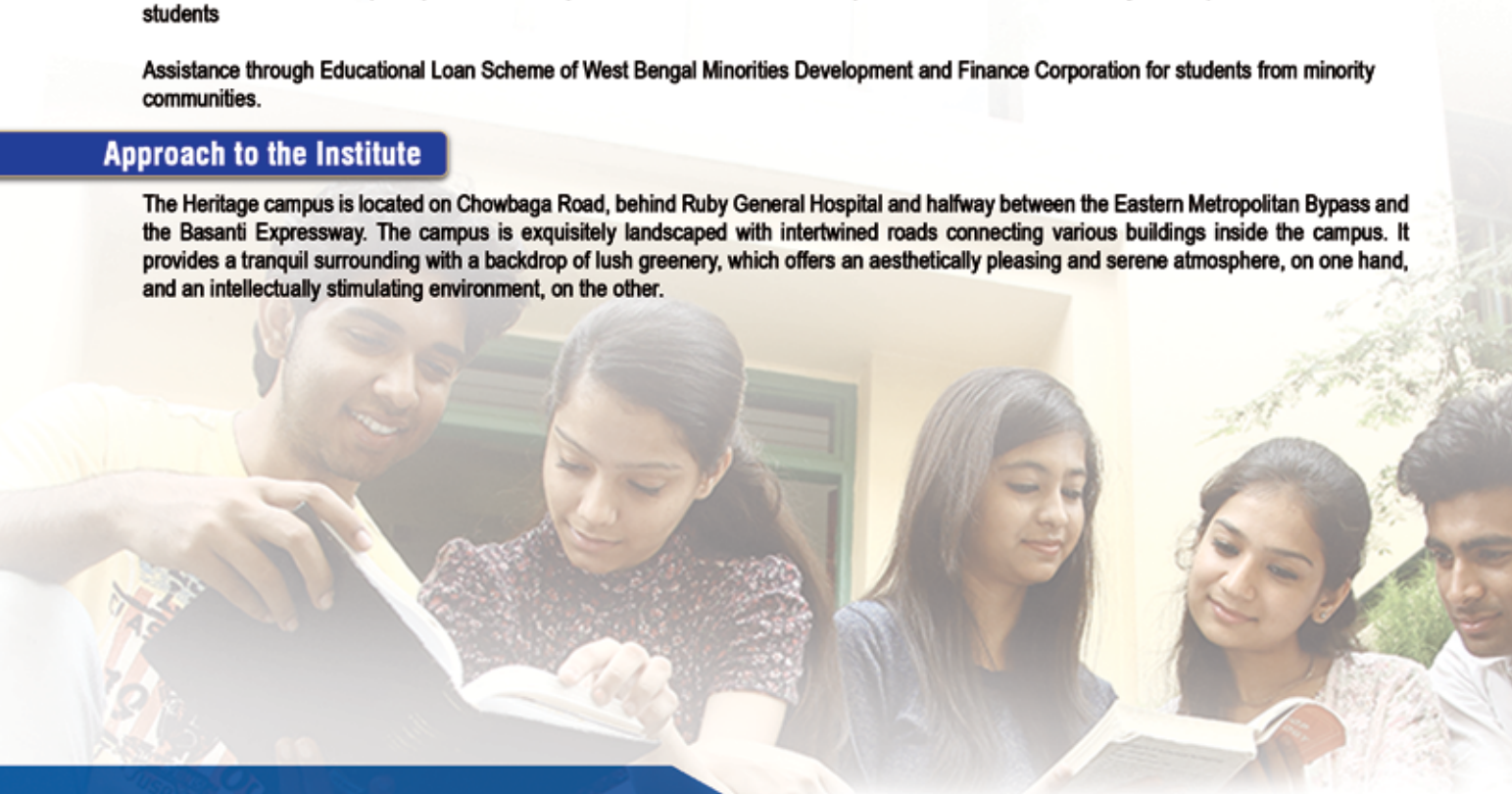
Assistance for scholarship / financial assistance from various Government, Non-Government Organizations and Trusts

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

Engineering & Technology

B. Tech in:
Applied Electronics & Instrumentation Engg.
Bio-Technology
Chemical Engg.
Civil Engg.
Computer Science & Engg.
Electrical Engg.
Electronics & Communication Engg.
Information Technology
Mechanical Engg.

M. Tech in:
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 700107
M: 9830201234 E: heritagegroup.edu@gmail.com

The Heritage School	Heritage Institute of Technology	Heritage Business School	The Heritage Academy	Heritage Law College	The Heritage College
www. theheritageschool. org	www. heritageit. edu	www. hbs. edu. in	www. tha. edu. in	www. hlc. edu. in	www. thc. edu. in

Heritage Institute of Technology

994 Madurdaha, Chowbaga Road, Anandapur, PO : East Kolkata Township, Kolkata 700107
Ph: +91 33 6627 0609 / 6627 0614/ 6627 0622 / 6627 0623 Fax: +91 33 2443 0455
E-mail: admin@heritageit.edu

INFO DESK : 9830201234

W: www.heritageit.edu