

INFORMATION BROCHURE

2016



Where learning is an interactive evolutionary process...

Heritage Institute of Technology
(An Autonomous Institute, affiliated to MAKAUT)



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.

The Institute has been conferred autonomous status by the University Grants Commission in 2014, initially for a period of 6 (six) years. It is also recognized under Section 2(f) of the UGC Act.

Kalyan Bharti Trust

BOARD OF TRUSTEES

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

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

Vision & Mission of the Institute

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
Electronics & Communication Engineering (VLSI)	--	18
Information Technology*	60	18
Mechanical Engineering	120	--
Renewable Energy***		18
MCA	--	60

* 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 20% of the approved intake. ** Accredited by NBA in 2014 for 5 years. *** Introduction of new M.Tech. programme in Renewable Energy from 2016-2017 (Proposed)

*Accredited by NBA in 2013 for 2-year period and application for renewal of accreditation is currently under process

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

- Institute is recognized u/s 2(f) of the UGC Act, 1956.
- Heritage Institute of Technology was selected as 1 (one) out of only 25 (twenty five) self financed Institutes, initially selected across the country for award of grant under Technical Educational Quality Improvement Program, Phase – II (TEQIP-II) funded by the World Bank and monitored by MHRD, Govt. of India. The Institute has also met 10 indicators out of 10 as per Performance Assessment Report published by NPIU in its web portal (as on 22-04-2014). 51 (fifty one) well performing Institutes out of total 190 TEQIP-II funded Institutes in India would receive an additional grant over and above their project life time allocation. Out of these 51 institutes, 17 (seventeen) private unaided Institutes would receive an additional grant of Rs. 2 crore each. The Institute is one amongst them.
- 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.

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.

Although the assessment of the students' performance is primarily guided by the prevalent University regulations, respective course teachers also adopt a continuous evaluation system independently 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 allotted 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

University Toppers covering all disciplines (for 3 years taking into consideration last Convocation held in 2011)

- 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.

Medallists (for 3 years taking into consideration last Convocation held in 2011)

- 2 (two) gold medals, 4 (four) silver medals and 3 (three) bronze medals were awarded by the MAKAUT in the 7th Convocation held in 2011 to our B.Tech. & M.Tech. students.
- 2 (two) gold medals, 2 (two) silver medals and 1 (one) bronze medals were awarded by the MAKAUT in the 6th Convocation held in 2010 to our B.Tech & M.Tech. Students.
- 4 (four) gold medals, 4 (four) silver medals and 2 (two) bronze medals were awarded by the MAKAUT in the 5th Convocation held in 2009 to our B. Tech. & M. Tech. Students.

College Toppers Since 2014

B. Tech.

Department	2014 (DGPA)	2015 (DGPA)
AEIE	Sugata Das (8.95)	Sohum Misra (9.38)
BT	Abira Sahu (9.41)	Nidhi Khandelwal (9.47)
ChE	Maghesree Chakraborty (9.33)	Madhurima Dutta (9.28)
CSE	Sonia Daga (9.25)	Varsha Nagarajan (9.24)
ECE	Shanta Bhowmik (9.28)	Shreyasi Chakraborty (9.47)
IT	Surabhi Agrawal (8.93)	Avishek Mazumder (8.52)
ME	--	Sayantana Das (9.09)
CE	--	Aupal Mondal (9.53)

M. Tech.

Department	2014 (DGPA)	2015 (DGPA)
AEIE	Jay Shree Chakraborty (9.4)	Udita Dev Roy (9.65)
BT	Anusi Sarkar (9.69)	Pranamita Biswas (9.72)
CSE	Chiranjana Saha (9.5)	Maitrayee Hazary (9.12)
ECE	Debolina Brahma (9.75)	Suchandra Das (9.16)
ECE-VLSI	Chandrima Dasgupta (9.69)	Annappurna Mondal (9.42)
IT	Priyam Sarkar (8.86)	Prianka Kundu (8.99)

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.

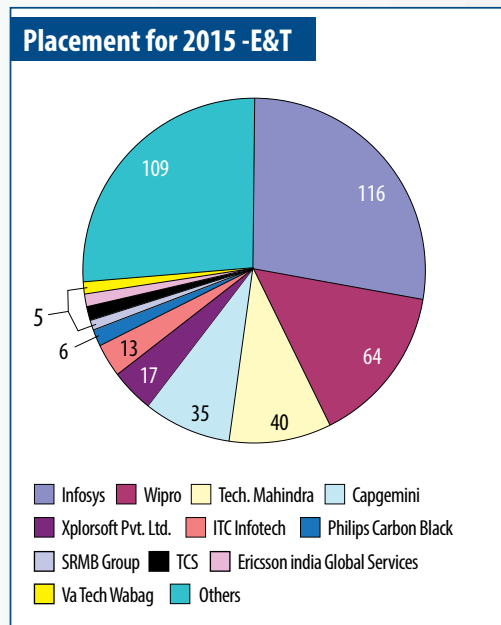
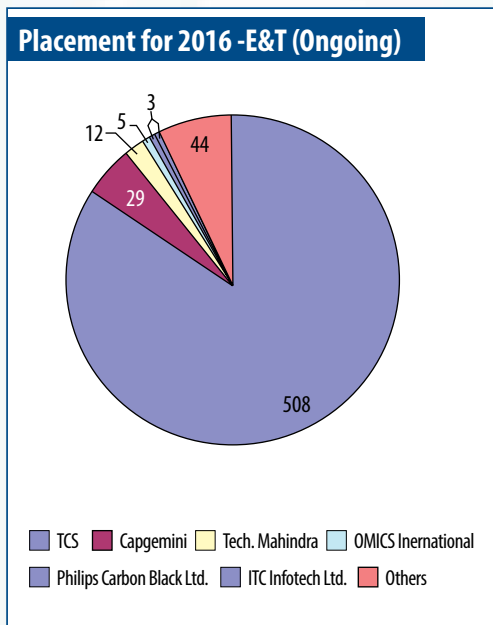
Placement: The Cell continuously co-ordinates with various industries and organizations for placement of students. It has already successfully placed a high percentage of students in industry. It actively obtains feedback from organizations and conveys it to respective departments which, in turn, train 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.	Colgate Palmolive Ltd.	Inox Air Products Ltd.	Paharpur Cooling Towers Ltd.	Tata Elxsi Ltd.
Alchem International Pvt. Ltd.	GKB Rx Lens Pvt. Ltd.	ITC Infotech Ltd.	Patton India Ltd.	Tata Ryersons
Apollo Tyres	Godrej & Boyce Mfg. Co. Ltd.	L&T Infotech Ltd.	Persistent Systems Ltd.	Tech Mahindra Ltd.
Avery India Ltd.	Haldia Petrochemicals Ltd.	Meditab Softwares Inc.	Philips Carbon Black Ltd.	Times of India
Berger Paints Ltd.	HCL Technologies Ltd.	Metal Junction Services Ltd.	Polaris Networks (Dynamic Digital Tech.)	Tractors India
Birla Jute Mills Ltd.	HDFC Bank Ltd.	Microsoft	Prime Focus	UST Global
BOSCH	Hewlett Packard India	James Warren Tea	Reliance Communications Ltd.	VA Tech Wabag India
BOC India Ltd. (Linde Group)	IBM India Pvt. Ltd.	Johnson Controls	Rene Impex Pvt. Ltd.	Visa Steel Ltd.
Capgemini India Pvt. Ltd.	ICICI Bank Ltd.	Mindtree	Sanmar Engineering	Vodafone
CEAT Ltd.	IDBI Bank Ltd.	NIIT Technologies Ltd.	Tata Chemicals Ltd.	Voith Paper Technology Pvt. Ltd.
Century Plyboards (I) Ltd.	Idea Cellular	Nomura RI Fin Tech	Tata Consultancy Services Ltd.	Wacker Metroark Chemicals
Cognizant Technologies Solutions	Infosys Technologies Ltd.	Odessa Technologies		Wipro Technologies Ltd.
				Yodlee Infotech Pvt. 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 the period 2015-2016 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 in interviews and thus, better employable.

Collaborative Efforts

National

- 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
- New Jersey Institute of Technology (NJIT), NJ, USA for a Summer Research Program under which the first seven batches of student had 6-week training program at NJIT during the period 2008-2015: the ninth batch of students would be leaving for this program in mid June 2016 and thus, since its inception in 2008, the NJIT-HITK Summer Research Program will have catered to a total of 84 students from HITK, in addition to over 13 students from BRCM CET (Bahal).
- College of Natural Science, Sungkyunkwan University, Korea with reciprocal exchange of members of faculty, staff and students as one of the objectives

Faculty & Staff

The faculty comprises eminent, highly qualified and experienced persons from various streams of Science, Engineering, Management and other interdisciplinary 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
Professor (Dr.) Sambhunath Biswas, Deputy Director & Professor, ECE

Academic Departments:

Degree awarding Departments / Centre

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

Professor (Dr.) Madhurima Chattopadhyay, Professor & HOD
 Professor Surajit Bagchi, Associate Professor
 Professor Arabinda Kumar Pal, Associate Professor
 Professor (Dr.) Santanu Ghorai, 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. Pradip Saha, Assistant Professor

Prof. (Dr.) Anil Kumar Bag, Assistant Professor
 Prof. Debijoti Chowdhury, Assistant Professor

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

Professor (Dr.) Subhabrata Sengupta, Emeritus Professor
 Professor (Dr.) Srabanti Basu, Professor & HOD
 Professor (Dr.) Dipankar Chaudhuri, Associate 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. Bhaswati Chakraborty, Assistant Professor
 Prof. (Dr.) Sudipta Dey, Assistant Professor



Prof. (Dr.) Kakali Mukherjee, Assistant Professor
 Prof. (Dr.) Ruplekha Chatterjee, Assistant Professor
 Prof. (Dr.) Rakha Majumdar, Assistant Professor
 Prof. Plaban Chaudhuri, Assistant Professor
 Prof. Sonali Hazra, Assistant Professor
 Prof. (Dr.) Soham Chattopadhyay, Assistant Professor
 Prof. (Dr.) Nababithi Goswami, Assistant Professor

Chemical Engineering (B.Tech.)

Professor (Dr.) Pinaki Bhattacharya, Professor & HOD
 Professor (Dr.) Swami Vedajnananda, Professor
 Professor (Dr.) Sulagna Chatterjee, Professor
 Professor Bibhuti Ranjan Saha, Associate Professor & COE
 Prof. (Dr.) Sangita Bhattacharjee, Assistant Professor & DC
 Prof. (Dr.) Diptendu Datta, Assistant Professor
 Prof. (Dr.) Alok Kumar Sen, Assistant Professor
 Prof. (Dr.) Pramita Sen, Assistant Professor
 Prof. Abhyuday Mallick, Assistant Professor
 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
 Prof. Sushovan Sarkar, Assistant Professor & DC
 Prof. Monideepa Paul, Assistant Professor
 Prof. Kaustav Bakshi, Assistant Professor
 Prof. Puja Basu Chaudhury, Assistant Professor
 Prof. Arpita Suchismita, Assistant Professor
 Prof. (Dr.) Subha Sankar Chowdhury, Assistant Professor
 Prof. Prithwish Saha, Assistant Professor
 Prof. Ankush Majumdar, Assistant Professor
 Prof. Rudra Prasad Roychowdhury, Assistant Professor

Computer Application Centre (MCA)

Professor (Dr.) Siuli Roy, Director, CAC & Associate Professor
 Prof. Souvik Basu, Assistant Professor & DC
 Prof. Sudeshna Ghosh(Goswami), Assistant Professor
 Prof. Debabrata Kar, Assistant Professor
 Prof. Anirban Kundu, Assistant Professor
 Prof. Sandipan Ganguly, Assistant Professor
 Prof. Subhra Pramanick, Assistant Professor
 Prof. (Dr.) Jyotirmoy Ghosh, Assistant Professor
 Prof. Subhajit Rakshit, Assistant Professor
 Prof. Palash Ghosh, Assistant Professor
 Prof. Samapti Banerjee, Assistant Professor
 Prof. Sumon Ghosh, Assistant Professor

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

Professor (Dr.) Pranay Chaudhuri, Principal & Professor
 Professor (Dr.) Subhashis Majumdar, Professor & HOD
 Professor (Dr.) Amitava Bagchi, Emeritus Professor
 Professor Kalarab Ray, Associate Professor
 Professor (Dr.) Aniruddha Dasgupta, Associate Professor
 Professor Kamal Podder, Associate Professor
 Professor (Dr.) Dinabandhu Bhandari, Associate Professor
 Prof. Somenath Sengupta, Assistant Professor
 Prof. Mohuya Byabartta (Kar), Assistant Professor
 Prof. (Dr.) Poulami Das, Assistant Professor & DC
 Prof. Shilpi Saha, Assistant Professor
 Prof. Sujay Saha, Assistant Professor
 Prof. Mandakini Majumdar, 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. Anindita Kundu, Assistant Professor
 Prof. Arpita Talukdar, Assistant Professor
 Prof. Amitava Acharya, Assistant Professor
 Prof. Lopamudra Dey, Assistant Professor
 Prof. Piyali Datta, Assistant Professor
 Prof. Partha Mukherjee, Assistant Professor (on lien)
 Professor (Dr.) Prosenjit Gupta, Professor (on lien)
 Prof. Rumpa Hazra, Assistant Professor (on lien)
 Prof. Partha Basu Chowdhuri, Assistant Professor (on lien)

Electrical Engineering (B.Tech.)

Professor (Dr.) Satadal Mal, Professor & HOD
 Professor (Dr.) Saibal Dutta, Associate Professor
 Prof. Amitava Hatial, Assistant Professor
 Prof. Emily Datta, Assistant Professor
 Prof. Sudipta Mitra, Assistant Professor & DC
 Prof. Sanjay Chandra Das, Assistant Professor
 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. Bivas Mondal, Assistant Professor
 Prof. Reetwik Bhadra, Assistant Professor
 Prof. Anirban Kolay, Assistant Professor

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

Professor (Dr.) Sambhunath. Biswas, Dy. Director & Professor
 Professor (Dr.) Prabir Banerjee, Professor & HOD
 Professor (Dr.) Pabitra Kumar Roy, Professor
 Professor Siladitya Sen, Associate Professor
 Professor Krishanu Datta, Associate Professor
 Professor (Dr.) Anindya Sen, Associate Professor
 Prof. Sriparna Bhattacharya, Assistant Professor
 Prof. Atanu Kundu, Assistant Professor & DC
 Prof. Dulal Mondal, Assistant Professor
 Prof. Sayantani Datta, Assistant Professor
 Prof. Arindam Ray, Assistant Professor
 Prof. 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. Susovan Mondal, Assistant Professor
 Prof. Md. Shahnaz, Assistant Professor
 Prof. Rajib Ranjan Pal, Assistant Professor
 Prof. Abhishek Das, Assistant Professor
 Prof. Sabyasachi Chatterjee, Assistant Professor
 Prof. Chandrima Roy, Assistant Professor
 Prof. Tapas Chakrabarti, Assistant Professor
 Prof. Pratiba Agarwalla, Assistant Professor
 Prof. Dip Prakash Samajdar, Assistant Professor
 Prof. Posiba Mostafa, Assistant Professor
 Prof. Debanjali Sadhu, Assistant Professor
 Prof. Orijit Biswas, Assistant Professor
 Prof. Madhumita Mukherjee, Assistant Professor
 Prof. (Dr.) Srabanti Pandit, Assistant Professor
 Prof. Soumya Kanti Raj, Assistant Professor
 Prof. Kasturi Mukherjee, Assistant Professor



Prof. (Dr.) Sayantan Dhar, Assistant Professor
 Prof. (Dr.) Anisha Halder Roy, Assistant Professor
 Prof. Amrita Banerjee, Assistant Professor
 Prof. (Dr.) Shounak Dasgupta, Assistant Professor
 Prof. Tania Das, Assistant Professor

Information Technology (B.Tech. & M.Tech.)

Professor (Dr.) Tapan Chakraborti, Professor & HOD
 Professor (Dr.) Ratul Kumar Majumdar, Professor
 Professor (Dr.) Anindya Jyoti Pal, Associate Professor & DCOE
 Prof. Hemanta De, Assistant Professor
 Prof. Satarupa Bagchi (Biswas), Assistant Professor & DC
 Prof. Rudranath Mitra, Assistant Professor
 Prof. Sandipan Dutta, Assistant Professor
 Prof. Susobhan Baidya, Assistant Professor
 Prof. Rituparna Samadder Sinha, Assistant Professor
 Prof. Sudipta Bhadra, Assistant Professor
 Prof. Uttam Kumar Dash, Assistant Professor
 Prof. Deep Malya Mukhopadhyay, Assistant Professor
 Prof. Bappa Sardar, Assistant Professor
 Prof. Smritikona Barai (Mondal), Assistant Professor
 Prof. Rajib Biswas, Assistant Professor
 Prof. Joydev Hazra, Assistant Professor

Mechanical Engineering (B.Tech.)

Professor (Dr.) Dulal Chandra Ray, Emeritus Professor & TEQIP Coordinator
 Professor (Dr.) Siddhartha Ray, Professor
 Professor (Dr.) Sukanta Sarkar, Associate Professor & HOD
 Professor (Dr.) Amal Kumar Ray, Associate Professor
 Prof. Bankim Pattanayak, Assistant Professor
 Prof. Arup Jyoti Bhowal, Assistant Professor
 Prof. Amalendu Biswas, Assistant Professor
 Prof. Ritwik Mandal, Assistant Professor
 Prof. (Dr.) Rajarshi Sengupta, Assistant Professor
 Prof. Prasanta Mondal, Assistant Professor
 Prof. Hareram Lahar, Assistant Professor
 Prof. (Dr.) Sumanta Banerjee, Assistant Professor
 Prof. Sankar N. Mukhopadhyay, Assistant Professor & DC
 Prof. Sudip Kumar Halder, Assistant Professor
 Prof. Sudipta Roy, Assistant Professor
 Prof. Sukanta Saha, Assistant Professor
 Prof. Subham Kundu, Assistant Professor
 Prof. Manik Barman, Assistant Professor
 Prof. Vishnu Kumar Singh, Assistant Professor
 Prof. Anubhab Basu, Assistant Professor

Other Departments

Chemistry

Professor (Dr.) Dulal C Mukherjee, Advisor
 Prof. (Dr.) Abhijit Mandal, Assistant Professor
 Prof. (Dr.) Anandalok Audhya, Assistant Professor & DC
 Prof. (Dr.) Ruma Roy Chaudhury, Assistant Professor
 Prof. (Dr.) Ritu Mukherjee (Mishra), Assistant Professor
 Prof. (Dr.) Sisir Debnath, Assistant Professor
 Prof. (Dr.) Kasturi Sanyal, Assistant Professor
 Prof. (Dr.) Debarati Dey, Assistant Professor (On lien)
 Prof. (Dr.) Shreedhara Gupta, Assistant Professor (On lien)
 Prof. (Dr.) Ratna Mukherjee, Assistant Professor (On lien)

Humanities

Prof. (Dr.) Suparna Chakraborti, Assistant Professor & HOD
 Prof. Aditi Bhunia Chakraborty, Assistant Professor
 Prof. (Dr.) Arindam Das, Assistant Professor
 Prof. (Dr.) Kasturi Guha Thakurta, Assistant Professor
 Prof. Saptaparna Roy, Assistant Professor & DC
 Prof. Mousumi Mullick, Assistant Professor

Mathematics

Prof. (Dr.) Anindita Maitra Bhattacharyya, Assistant Professor & HOD
 Prof. (Dr.) Nirman Ganguly, Assistant Professor
 Prof. Moulipriya Sarkar, Assistant Professor & DC
 Prof. Jyotishman Chatterjee, Assistant Professor
 Prof. Arpita Paul, Assistant Professor
 Prof. Sandip Chatterjee, Assistant Professor
 Prof. Jhumpa Bhadra, Assistant Professor
 Prof. Swarnali Sharma, Assistant Professor
 Prof. (Dr.) Somjit Datta, Assistant Professor
 Prof. Rituparna Ghosh, Assistant Professor
 Prof. Dipankar Chakraborti, Assistant Professor
 Prof. Sudipta Sarkar, Assistant Professor

Physics

Professor (Dr.) Nirmalya Prasun Nayak, Associate Professor & HOD
 Prof. (Dr.) Ajanta Das, Assistant Professor & DC
 Prof. (Dr.) Dibyendu Mal, Assistant Professor
 Prof. (Dr.) Sudeepto Sen, Assistant Professor
 Prof. (Dr.) HIRAK Kumar Chandra, Assistant Professor
 Prof. Arindam Chakraborty, Assistant Professor
 Prof. (Dr.) Shinjinee Das Gupta, Assistant Professor
 Prof. (Dr.) Himadri Ghosh, Assistant Professor
 Prof. (Dr.) Mili Das, Assistant Professor (On lien)

Management & Administration:

Mr. Probir Roy, Director, KBT
 Mr. Pradip Kumar Agarwal, Chief Executive Officer, KBT
 Professor B. B. Paira, Advisor, Higher Education, KBT
 Professor (Dr.) Pranay Chaudhuri, Principal
 Professor (Dr.) D. C. Ray, TEQIP Coordinator
 Professor (Dr.) Sambhunnath Biswas, Dy. Director
 Professor (Dr.) Siuli Roy, Director (CAC)
 Professor (Dr.) Siddhartha Ray, Dean (UG)
 Professor (Dr.) S. Sengupta, Dean (PG & Research)
 Professor (Dr.) Prabir Banerjee, Dean (Student Affairs)
 Professor (Dr.) Ratul Kumar Majumdar, Registrar
 Professor B. R. Saha, Controller of Examinations
 Professor (Dr.) A. J. Pal, Deputy Controller of Examinations
 Mr. Jaharlal Basu, Advisor - HR
 Mr. Clayton M. Moses, Academic Advisor
 Dr. Binod Behari Das, Advisor-Library
 Mr. R. A. Swaminathan, Advisor Training & Placement
 Commander (Retd.) S. Dey, Campus Administrator
 Mr. Supriyo Bhattacharyya, Sr. Administrative Officer - Higher Education
 Dr. Rajendra Pd. Sinha, Head - HR
 Ms. Madhubanti Dutta, Deputy Manager- HR
 Ms. Nayana Chatterjee, Assistant Manager-HR
 Mr. R. R. Kutty, Manager - Purchase
 Mr. Susanta Das, Purchase Officer
 Mr. Arvind Srivastava, Deputy Registrar
 Mr. Manoj Saraogi, Manager - Finance & Accounts
 Mr. Santosh Kr. Ray, Sr. Accounts Officer
 Ms. Sarika Agarwal, Sr. Accounts Officer
 Mr. Satya Priya Rarhi, Executive-Legal
 Mr. Debjit Adhikari, General Manager Project
 Mr. Sanjay Agarwal, Sr. Project Coordinator
 Mr. D. Karmakar, System Administrator
 Mr. Chittaranjan Pani, Sr. System Executive
 Mr. Debasish Chatterjee, Manager-Maintenance
 Mr. Nareshwar Chatterjee, Maintenance Engineer
 Mr. Partha Sarathi Bhowal, EA to CEO, BD & PR
 Dr. Banhishikha Bhattacharyya, Students' Counsellor
 Ms. Sarbani Chakraborty, Assistant Registrar-II
 Mr. Saibal Kumar Maity, Section Officer-I
 Mr. Arunava Mazumdar, Section Officer-II
 Mr. Sunil Singh, Sports Officer
 Mr. Subrata Naskar, Stores Officer



Research Grants

- ❖ 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 Search for New Physics beyond Standard Model: Insights from LHC and neutrino experiments funded by Science & Engineering Research Board (SERB), Dept. of S&T, Govt. of India where Dr. Abhijit Samanta, Asstt. Prof., Dept of Physics is the Principal Investigator (with a financial outlay of Rs. 14.64 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, BESU, 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 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 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 the 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 *tinospira 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

- ❖ 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, IEST
- ❖ 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 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.

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 • Process Instrumentation Lab • Virtual Instrumentation Lab

Dept. of Biotechnology

• Biochemistry Lab • Microbiology Lab • Basic Environmental Engineering and Elementary Biology Lab • Fermentation Technology Lab • Bioinformatics Lab • Plant Tissue Culture Lab • rDNA & Genetic Engg. Lab • Immunology Lab • Enzyme Technology Lab • Molecular Biology Lab • Downstream Processing Lab • Project Lab (MTech.) • Research Lab • Genetics Lab • Food Biotechnology 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 Lab • Project Lab • Research Lab • Environmental Engg. Lab

Dept. of Civil Engineering

• Solid Mechanics Lab • Survey Practice – I & II • Building Design & Drawing • Soil Mechanics I & II Labs • Fluid Mechanics Lab • Concrete Lab



• Quantity Surveying, Specifications & Valuation Lab • Engineering Geology Lab • Highway & Transportation Engg. Lab • Detailing of RC and Steel Structure • CAD Lab • Environmental Engg. Lab • Structural Engg. Design Practice Lab

Dept. of Computer Science & Engineering

• Basic Computing Labs – I & II • Database Management System Lab • Computer Organization Lab • Central Computing Lab • Web Intelligence Lab • Computer Graphics & Multimedia Lab • Control System Lab • Object Oriented Lab • Big Data Science Lab • Advance Computing Lab (M.Tech.) • Linux Lab • Mobile Computing Lab • Project Lab • Research 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.

Dept. of Electronics & Communication Engineering

• Basic Electronics Engineering Lab I & II • Digital Electronics & Integrated Circuit Lab • Analog Electronics & Circuit Lab • Advanced Communication Lab • Analog Communication Lab • Microwave Engineering Lab • Digital Communication Lab • Propagation & Antenna Lab • Signal & System Lab • Electronics Circuit Design Lab • VLSI Lab • DSP Lab • Communication Engg. Lab (M.Tech.) • Project Lab • Research Lab

Dept. of Information Technology

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

Dept. of Mechanical Engineering

• Engineering Drawing Lab - I • Carpentry & Fitting Shop • Sheet Metal, Welding & Machine Shop • Applied Mechanics Lab • Workshop Practice-II • Advance Manufacturing Lab • Fluid Mechanics and Hydraulics Lab • Manufacturing Technology Lab • Material Testing Lab • Engineering Drawing – II (CAD-CAM Lab) • Thermal Power Engg. Lab • Thermodynamics & Heat Transfer Lab • Metrology & Measurement Lab • Machining & Machine Tools Lab • IC Engine Lab • Dynamics of Machines Lab • Fluid Power Control Lab • Applied Mechanics Lab

Computer Application Centre

• Programming Lab (C) • Data Structure Lab • Database Lab • Object-Oriented Programming Lab (C++) • Unix Lab • Statistics and Numerical Analysis Lab • Software Project Management Lab • Graphics & Multimedia Lab • Accounting Systems Lab • Advanced Database Lab • Micro Programming & Architecture Lab

Dept. of Chemistry

• Engineering Chemistry Lab

Dept. of Humanities

• Language Lab

Dept. of Physics

• Engineering Physics Lab

Central Library

The Central Library is housed in Central Block, fully air conditioned and covering an area of about 20000 sq.ft.

It has a generous collection of about 53,000 (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.

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.

Central Computing Facilities

A Central Computer Centre is exclusively available to the students for net surfing and online study. Besides, all post-graduate degree awarding departments have its own project laboratories for undertaking project, research and development works. All the computers are Wi-Fi connected with 64 Mbps leased line for 24 hours. All students are provided with unique email id for having anytime access to institute related information.



Auditorium

There is Auditorium with 500 seating capacity.

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 a first-come-first-served basis.

Cafeteria

The Institute has an excellent cafeteria with a seating capacity for 200 persons. Multi-cuisine lunch and snacks are being served in the cafeteria. Besides, a fast food restaurant-cum-convenience stores is also there.

Students' Corner

Essential books, stationery etc., as well as reprographic facilities are available in the corner.

Common Room

The Institute has 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 & Achievements

- There is a Students' Council constituted with sub-committees like Cultural, Academic, Magazine, Games and Sports & various Clubs to encourage and organize various co-curricular and extra curricular activities. The Annual Cultural Festival – ECLECIA and Annual Technical Fest – DAKSHH are organized with much fanfare and enthusiasm.
- The Institute has Students' Chapters of Computer Society of India (CSI), Instrumentation, Systems & Automation Society (ISA), Indian Institute of Chemical Engineers (IICe) and Institute of Electrical & Electronics Engineers (IEEE). 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, an ED Cell has been constituted with financial assistance from AICTE besides close coordination of the Institute with NEN (National Entrepreneurship Network).
- 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 at www.alumniheritage.com

Success at CAT (only 90 percentile and above quoted)

2016

Sayak Guha (ECE), 98.98 percentile, Souvik Parihal (ECE), 97.97 percentile, Sarang Modi (AEIE), 97.45 percentile, Ayan Das (CSE), 96.08 percentile, Sounak Saha (ECE), 92.88 percentile, Navonil Chatterjee (AEIE), 91.37 percentile, Soumyabrat Tiwari (BT), 91.2 percentile, Aurina Datta (ECE), 91.15 percentile

2015

Anuraag Biswas (CSE), 99.48 percentile, Rahul Kasera (CSE), 99.33 percentile, Rochisman Datta (ECE), 98.63 percentile, Sweta Mukherjee (CSE), 97.7 percentile, Atif Raja Akbar (IT), 95.2 percentile, Arnab Kumar Banerjee (ECE), 97.65 percentile, Deep Shankar Saha (CSE), 92.96 percentile

Success at GATE (All India Rank only up to 150 quoted)

2016

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

2015

Name / Branch	All India Rank
Suddhasattwa Roy (AEIE)	15
Pranav Preman (BT)	31
Sutirtha Das (CSE)	38
Shirsty Thakkar (CSE)	42
Kusumika Sinha Roy (BT)	49
Swarnadip Mitra (BT)	54
Abhiroop Biswas (BT)	59
Shatabdi Chakraborty (BT)	68
Debadrita Basu (BT)	99
Vivek Ghosh (CSE)	117
Bikram Ghosh (ChE)	118
Anirban Chakraborty (ChE)	132

Other Academic Attainments

International

2014

❖ Ms. Shreyashree Bose, BT, Ph.D. program, Texas A&M University, USA ❖ Ms. Dishari Banerjee, BT, Ph.D. program, Washington State University, USA ❖ Ms. Atreyi Ray, BT, Ph.D. program, University of Wisconsin, USA ❖ Ms. Debapriya Sinha, BT, Ph.D. program, University of Texas, Arlington, USA ❖ Ms. Saheli De, BT, M.S. program, Saarland University, Germany



National 2015

- ❖ Rotaract Club of Heritage Institute of Technology was awarded for being the best club out of 30 Rotaract Clubs in Rotaract District 3291 at the Annual District Awards Event of Rotaract District 3291, for the term 2014-15, which was held on 28th June, 2015. A total of 16 awards were received by RC HITK (the maximum no. of awards that was ever received since 2009), details of which are as follows:

1. Best Club of Rotaract District 3291 **2.** Best President in Rotaract District 3291- Ramyani Mukherjee **3.** Best Secretary in Rotaract District 3291- Swarnadeep Biswas **4.** Best Club in Community Service **5.** Best Project- Joga Bonito (Knock out Football Tournament for raising funds for Durbar Football team - members comprising children of sex workers of Sonagachi : a red light area) **6.** Best R-Idea of the year- Liter of Light (A 2-day project to demonstrate use of ordinary water bottles and bleach to illuminate the houses of the poor: it is an eco friendly and cost effective method of providing light to those places which are quite congested) **7.** Best International Service Project- The Great Raffle for Nepal Earthquake victims **8.** Best Professional Development Project- Outliers (Women's Day Celebration) **9.** Best Special Area Project- Project Teach **10.** Best Club in Basic Education and Literacy **11.** Best club that has complied to DRR's thrust areas (a total of 26 thrust area projects) **12.** Club with best bulletin **13.** Club with best social media presence **14.** Most Popular Club **15.** Most Popular Rotaractor- Sayantani Roy **16.** Outstanding Rotaractor of Rotaract District 3291- Sayantani Roy

Higher Studies:

- Ms. Kusumika Sinha Roy, BT, M.Tech. program, IIT Kharagpur • Shri Swarnadeep Mitra, BT, M.Tech. program, IIT Kharagpur • Ms. Shatabdi Chakraborty, BT, M.Tech. program, IIT Kharagpur • Ms. Debadrita Basu, BT, M.Tech. program, IIT Guwahati • Shri Pranav Preman, BT, M.Tech. program, IIT Guwahati • Ms. Koel Mukherjee, BT, M.Tech. program, BIT Mesra • Shri Indranil Mondal, BT, M.Tech. program, BIT Mesra

Awards received:

- ❖ 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.
- ❖ HITK, represented by Shri Devarchan Banerjee, 3rd yr CSE, Shri Ranadip Shankar Chowdhury, 4th year BT and Shri Neelabja Roy, 1st year CSE, bagged the 1st Runner Up position in Inter College IT Quiz Competition 2015 (with 27 participating colleges) organized by Computer Association of Eastern India and sponsored by NASSCOM on 13-14.02.2015 held at Netaji Indoor Stadium.
- ❖ HITK, represented by Shri Ranadip Shankar Chowdhury, 4th year BT and Shri Prateen Dhara, 1st year ME, bagged the 1st Runner Up position in ET Campus Quiz organized at Vidya Mandir by State Bank of India and Hero MotoCorp on 02.02.2015

2014

Higher Studies:

- Shri Mayurketan Mukherjee, BT (M.Tech.), Ph.D. program, IIT Guwahati • Ms. Sumedha Mukherjee and Ms. Suruchi Poddar, BT, Ph.D. program, IT - BHU
- Shri Dipayan Ghosh and Ms. Sohini Sengupta, BT, M.Tech. program, IIT Bombay • Ms. Tanushree Halder, BT, M.Tech. program, IIT Kharagpur • Ms. Gargi Mukhopadhyay, BT, M.Tech. program, IIT Guwahati • Ms. Mahasweta Paul, BT, M.Tech. program, Jadavpur University • Ms. Swagata Dutta, BT, M.Tech. program, Anna University

Games & Sports

2016

- ❖ Ms. Mayurakshi Mukherjee, 1st yr B.Tech., ECE, won
 - 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
 - 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
 - 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

2015

- ❖ HITK emerged as Runner Up in Inter College Cricket Tournament organized by the Institute
- ❖ HITK emerged as Runner Up in Inter College Football Tournament (ELASTICO) organized by the Institute
- ❖ HITK emerged as 2nd Runner Up in Inter College Table Tennis Tournament organized by the Institute

2014

- ❖ HITK emerged as Champion in 'Kick off the Game is on': an Inter College Football Tournament organized by R.G. Kar Medical College, Kolkata defeating SSKM Hospital & College in the final match by 3-2, held on 30.03.2014, in which 16 teams participated.

Extra-Curricular Activities

- ❖ A film by Shri Kaustav Debnath, a final year student in IT was screened in Kolkata International Film Festival 2013 on 16.11.2013
- ❖ Shri Anuvab Bandyopadhyay, a 3rd yr student of CSE was adjudged the Best Speaker in a debate competition organized by BNCCI on the motion: Renewable Energy meets Energy Security and received Prize and Certificate from the President of India in 160th AGM of BNCCI held on 14.09.2013

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 20% 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 except those having valid GATE score should sit for a written test (PGET) conducted by MAKAUT. However, those having GATE score have to fill in the application form and submit the same to MAKAUT along with prescribed fee.

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
- 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 the 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 minority communities students

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.



Heritage Institute of Technology (An Autonomous Institute, affiliated to MAKAUT)

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