

# DVV Clarifications

## Extended Profile Deviations

Extended ID	Deviations of Extended Question	Affected Metrics	Findings of DVV										
1.1	<p><b>Number of programs offered year-wise for last five years</b></p> <p>HEI Input :</p> <table border="1" data-bbox="427 877 1024 1010"> <thead> <tr> <th data-bbox="427 877 548 940">2020-21</th> <th data-bbox="548 877 670 940">2019-20</th> <th data-bbox="670 877 792 940">2018-19</th> <th data-bbox="792 877 914 940">2017-18</th> <th data-bbox="914 877 1024 940">2016-17</th> </tr> </thead> <tbody> <tr> <td data-bbox="427 940 548 1010" style="text-align: center;">17</td> <td data-bbox="548 940 670 1010" style="text-align: center;">16</td> <td data-bbox="670 940 792 1010" style="text-align: center;">16</td> <td data-bbox="792 940 914 1010" style="text-align: center;">16</td> <td data-bbox="914 940 1024 1010" style="text-align: center;">16</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	17	16	16	16	16	1.2.2	"Provide prospectus of program (name of the program) for the year 2016-17, 2017-18 , 2018-19 and 2019-20, 2020-21."
2020-21	2019-20	2018-19	2017-18	2016-17									
17	16	16	16	16									

### Supporting Documents

1. Extract of Prospectus for the academic session 2020-21, 2019-20, 2018-19, 2017-18, 2016-17

2020-2021



# Heritage Institute of Technology

(An Autonomous Institute, affiliated to MAKAUT)

Accredited by NAAC



## PROSPECTUS 2020

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



## Kalyan Bharti Trust

Inspired by the noble cause of education and philanthropic zeal, a group of twenty-two like-minded industrialists in Kolkata established, Kalyan Bharti Trust (KBT), a public charitable Trust, to promote and provide education in Kolkata. To achieve KBT's objective, The Heritage School (THS) and the Heritage Institute of Technology (HIT-K) were set up in 2001. The Heritage Academy (THA) came up in 2007 and The Heritage Law College in 2015. The MBA Programme was set up in 2003 in HIT-K as Management Education Centre, has been accorded an independent status by AICTE as Heritage Business School (HBS) in 2013. The Trust also plans to establish a Design Institute and finally a University.

HIT-K was set up with a view to creating a centre of excellence in technical education in eastern India. The aim is to be a leader in technical education in the country and to be at par with the best in the world. Since inception, HIT-K has been fortunate to attract the best possible faculty and has created one of the finest infrastructure available in West Bengal. The B.Tech. programmes in AEIE, BT, ChE and ECE has been accredited by NBA from the Academic Year 2016-2017 for a period of 3 (three) years. The B.Tech. programme in CSE have been accredited by NBA in 2014 for a period of 5 years. The M.Tech. programmes in AEIE, BT, CSE and ECE has been accredited by NBA from the Academic Year 2017-2018 for a period of 2 (two) years.

HIT-K was granted autonomous status by West Bengal University of Technology on recommendation of UGC w.e.f. AY 2014-2015 for a period of 6 years.

The Institute has been accredited by NAAC with B++ grade for a period of 5 years w.e.f. 22.02.2017.

A harmonious integration of valued traditions with modern outlook is the guiding principle behind the development of the academic environment that constitutes the basic philosophy 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 & developmental activities and interaction with industry
- To inculcate leadership qualities for serving the society





## Message from the Chairman

Kalyan Bharti Trust

Welcome to the Heritage Institute of Technology, Kolkata.

*HITK* is now stepping into the nineteenth year of its journey. For the past eighteen years, the Institute has made every effort, small & large, to position itself among academicians, faculty, students and industry through its continuous pursuit towards excellence.

As you, the batch of B Tech 2020-2024, embark on this phase of your life, do keep in mind that College education is both multi-dimensional & multi-faceted.

It extends beyond space & time, beyond the conventional classrooms, laboratories, workshops and seminars to healthy social interactions among fellow-students, to active participation in student activities, both curricular and extra-curricular & to the real world of industry through summer internships and projects.

You would be provided with a wide range of opportunities which would help you to build on your strengths, talents and abilities.

Our success, as an institution, will be judged by how well you succeed in realizing your potential as a student and, in your professional career later on.

I wish you all the very best for a truly rewarding and memorable campus tenure at the Heritage Institute of Technology, Kolkata.

**H. K. Chaudhary**



## Message from the Secretary

Kalyan Bharti Trust

*C*ongratulations on choosing to join the Heritage Institute of Technology, Kolkata!

I am sure that this decision of yours will open up doors to a lifetime of opportunities for self -development and service to others. How fruitful your decision turns out to be, will depend primarily on the efforts you invest in your own intellectual, professional and social development.

The Institute is committed to creating an environment conducive to nurturing innovation, creativity and excellence in students.

I am convinced that each of you, graduating from HITK, will leave your indelible mark of success in whichever sphere of life you choose to be and I fervently hope that your desire to do well for the benefit of humanity only increases with your success in life.

**Sajjan Bhajanka**

## Message from the Chairman

### Board of Governors, HITK

*I*t is my pleasure to welcome you to the Heritage family!

I am sure that the next four years here will be an enriching and exciting time for you.

Our standards are challenging and, therein, lies the opportunity for each one of you to meet these challenges with dedication, commitment and perseverance.

Our endeavour is to provide you with the best possible learning experience. Be assured that the members of faculty and staff of HITK will guide and support you in your efforts towards meeting these challenges.

In keeping with the Vision and Mission of the Kalyan Bharti Trust, we make every effort to engage you in all co-curricular activities for the all-round development of Mind, Body & Soul so that you develop into global citizens, while retaining traditional values.

I sincerely hope that you, as a member of the 2020-2024 batch of students, will put in your best to make your parents, and society at large, be proud of you.

I wish each one of you a fruitful learning experience at the Heritage Institute of Technology, Kolkata.

**P.R. Agarwala**



# Message

## Message from the Principal

### HIT-K

*I* am delighted to welcome you to Heritage Institute of Technology, Kolkata (HIT-K), a leading centre for engineering education in this part of the world.

HIT-K prides itself on providing its students, both undergraduate and postgraduate, with a rich and exciting quality academic experience. We constantly endeavour to prepare our students as responsible and innovative global citizens having a firm grounding in their respective disciplines.

The Institute had accreditation from National Board of Accreditation (NBA) for nine (9) undergraduate and postgraduate programmes- B.Tech. programme in CSE for five years w.e.f. 04.02.2014 and B.Tech. programmes in AEIE, BT, ChE and ECE for three years w.e.f. 2016-2017 Academic Session; M.Tech. programmes in AEIE, BT, CSE and ECE for two years w.e.f. 2017-2018 Academic Session. Recently, B.Tech. Programmes in AEIE, BT, ChE and ECE received NBA accreditation for three years (w.e.f. 2019-2020 Academic Session) in Tier I Category. Renewal of NBA Accreditation for other programmes are under process. This year HIT-K has introduced a new B.Tech. programme in Computer Science and Business Systems (CSBS) in the Department of Information Technology. The Institute has been accredited by the National Assessment and Accreditation Council (NAAC) for five years with a B++ grade in the first cycle. In National Institutional Ranking Framework (NIRF-2020) by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology ranked 154 among all engineering Universities and Institutes (considering both Government and Private) in the country. The Institute also ranked 150 in the year 2019 & within the band 101-150 among Engineering Universities & Institutes (considering both Government and Private) in the country in NIRF for the year 2017 and 2018, respectively.



The Institute is also one of only 25 private unaided engineering institutions across the country selected for Technical Education Quality Improvement Program (TEQIP), Phase II, 2012-2016, a World Bank funded initiative of MHRD, Government of India, with the primary objective of enhancing teaching and learning quality and thereby employability of students. In recognition of the quality of the academic programs that HIT-K offers, on recommendations of UGC, West Bengal University of Technology (presently, Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal) granted autonomous status to the Institute initially for a period of 6 years w.e.f. the Academic Session 2014-2015.

Our focus is on quality education and continuously building our quality is critical for our success. The Institute has established IEEE EDS Centre of Excellence, first of its kind globally, with financial support from IEEE, USA. Its primary objective would be to provide collaborative environment to create rich teaching-learning and research experiences in the field of electron devices and circuits.

I look forward to meeting you in person and also wish you all the best for your higher studies at this Institute.

**Prof. (Dr.) Pranay Chaudhuri**

# Kalyan Bharti Trust

## Board of Trustees

### Chairman

**Shri Hari Krishna Chaudhary**  
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### Secretary

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Chairman & MD, Beekay Steel Industries Ltd.

**Shri Sundeep Shah**  
Chairman & MD, Eastern Silk Industries Ltd.

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

**Shri Gaurav Swarup**  
MD, Paharpur Cooling Towers Ltd.

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

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





# Heritage Institute of Technology

## Board of Governors

**Shri Prahlad Rai Agarwala-Chairman**

Chairman, Rupa & Co. Ltd.

**Shri Vikram Swarup-Vice Chairman**

MD, Paharpur Cooling Towers Ltd.

## Members

**Shri Sanjay Agarwal**

MD, Century Plyboards (I) Ltd.

**Swami Atmapriyananda Maharaj**

Vice Chancellor, Ramakrishna Mission Vivekananda Educational & Research Institute, Belur

**Shri Hari Prasad Budhia**

Chairman, Patton International Ltd.

**Dr. M.S. Ghuge**

ERO, AICTE Nominee of AICTE

**Shri Narain Prasad Dalmia**

Director, Dalmia Securities Pvt. Ltd.

**Prof. (Dr.) Somdatta Chakravorty**

Associate Professor, Dept. of Information Technology, MAKAUT, WB,

**Shri Siddharth Swarup**

Director, Paharpur Cooling Towers Ltd.

**Prof. (Dr.) Dinabandhu Bhandari**

Professor, Dept. of CSE, HIT-K

**Smt. Chandani Tudu**

Special Secretary, Dept. of Higher Education  
Government of West Bengal.

**Prof. (Dr.) Mousiki Kar**

Assistant Professor, Dept. of ECE, HIT-K

## Member-Secretary

**Prof. (Dr.) Pranay Chaudhuri**

Principal, Heritage Institute of Technology

## Permanent Invitees

**Shri Hari Krishna Chaudhary**

Chairman, Vikram India Ltd. & Chairman  
Board of Trustees, KBT

**Shri Sajjan Bhajanka**

Chairman, Century Plyboards (I) Ltd. & Secretary,  
Board of Trustees, KBT



# ADVISORY COUNCIL

## Advisory Council

**Prof. (Dr.) Sparsha Mani Chatterjee-Chairman**

Former Vice-Chancellor, B.E. College (Deemed University)

## Members

**Prof. (Dr.) Harish Chaudhry**

Dean, Dept. of Management Studies, IIT, Delhi

**Prof. Manoj Kumar Mitra**

Former Dean, Faculty of Engg. & Tech. Jadavpur University

**Prof. (Dr.) Somprakash Bandyopadhyay**

Professor, MIS Group, IIM Calcutta

**Mr. Rabindranath Lahiri**

Former Principal Consultant, TCS

**Mr. Ravindra Chamaria**

Chairman & Managing Director, Infinity Infotech Parks Ltd.

**Mr. Samir Ghosh**

Former Vice Chairman, ITC Ltd.

**Mr. Ivan Saha**

President & CTO, Vikram Solar Pvt. Ltd., Kolkata



## 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**
Computer Science and Business Systems (CSBS)	60	--
Electrical Engineering	60	--
Electronics & Communication Engineering	180*	18***
VLSI	--	18
Information Technology	60	--
Mechanical Engineering	120**	--
Renewable Energy	--	18
MCA	--	60

- ❖ \* For Undergraduate programs, 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.
- ❖ \*\* Accredited by NBA for 5 years w.e.f. 04.02.2014
- ❖ \*\*\* Accredited by NBA for a period of 3-years w.e.f. 2016-2017 Academic Session and application for renewal of accreditation is currently under process
- ❖ \*\*\*\* Accredited by NBA for a period of 2-years w.e.f. 2017-2018 Academic Session 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).

## Recognitions

- In National Institutional Ranking Framework (NIRF-2019) by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology ranked 150 among all 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 accredited by NAAC with B++ grade w.e.f. 22.02.2017 for a period of 5 (five) years.
- In Dataquest Tech School Survey 2018, the Institute is ranked 47 among T-schools (Government and Private combined) in India.
- Education World ranked HIT-K as the # 1 Engineering College in West Bengal (in the Private Self-financed Engineering college ranking) for the year 2017, 2018 & 2019.
- HackerEarth College Ranking 2019 - The Institute has ranked in the 66th Position amongst 6145 Colleges and Universities across the globe.
- HackerEarth is a competitive coding platform that helps HR Managers in hiring process, while providing a platform for programmers across the world to evaluate and objectively rank their skills.
- The Institute received "Best Engineering College of the Year" consecutively for the years 2017, 2018 and 2019 from ASSOCHAM, India.
- The Institute received "Best Engineering Institute In India-East" in February 2018 from ASSOCHAM, India.
- 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 performance indicators out of 10 as per Performance Assessment Report published by NPIU in its web portal (as on 22-04-2014). 51 (fifty one) out of 190 TEQIP-II funded institutes had been identified as well performing Institutes in India and out of these 51 institutes 17 (seventeen) unaided private institutes received an additional grant of Rs. 2 crore each over and above the project life time allocation. Heritage Institute of Technology is one of those 17 unaided private institutes.
- As per Career 360 Outlook Group Tech College Ranking in West Bengal, 2018, the Institute graded AAAA.
- As per Careers 360, Outlook Group Tech Colleges Ranking in West Bengal, April 2015, the Institute is graded AAA+ and its Biotechnology program is graded as No. 1 in West Bengal out of 6 such institutes offering Biotechnology courses.
- The Institute had been rated as "Gold" in the AICTE-CII Survey of Industry Linked Technical Institutes 2017.
- HITK is listed in The Indian Science Technology and Engineering Facilities Map (I-STEM) for 2018. I-STEM is a national web portal and an Initiative of Centre for Nano Science Engineering, IISc, Bengaluru, developed with the concept "One nation One Portal" for the scientific community, aimed at "Linking Researchers and resources."

2019-2020



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## PROSPECTUS 2019

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Heritage Law College (HLC) affiliated to University of Calcutta was established in 2015. The Heritage College (THC) with B.A., B.Sc. and B.Com. (Hons) programme affiliated to University of Calcutta started its journey from the Academic Year 2016-2017.

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## Message from the Chairman, Kalyan Bharti Trust

Welcome to the Heritage Institute of Technology, Kolkata.

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As you, in the batch of 2019-2023, embark on this phase of your life, do keep in mind that college education is both multi-dimensional & multi-faceted.

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**H.K. Chaudhary**



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**Sajjan Bhajanka**

## Message from the Chairman, Board of Governors, HITK

It is my pleasure to welcome you to the Heritage family!

I am sure that the next four years here will be an enriching and exciting time for you.

Our standards are challenging and, therein, lies the opportunity for each one of you to meet these challenges with dedication, commitment and perseverance.

Our endeavour is to provide you with the best possible learning experience. Be assured that the members of faculty and staff of HITK will guide and support you in your efforts towards meeting these challenges.

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**P.R. Agarwala**



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The Institute had accreditation from National Board of Accreditation (NBA) for nine (9) undergraduate and postgraduate programmes- B.Tech. programme in CSE for five years w.e.f. 04.02.2014 and B.Tech. Programmes in AEIE, BT, ChE and ECE for three years w.e.f. 2016-2017 Academic Session; M.Tech. Programmes in AEIE, BT, CSE and ECE for two years w.e.f. 2017-2018 Academic Session. Renewals of NBA Accreditation for all above courses are under process. The Institute has been accredited by the National Assessment and Accreditation Council (NAAC) for five years with a B++ grade in the first cycle.

In National Institutional Ranking Framework (NIRF-2019) by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology ranked 150 among all engineering Universities and Institutes (considering both Government and Private) in the country. The Institute is 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.

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Our focus is on quality education and continuously building our quality is critical for our success. We encourage members of faculty and students to engage in cutting-edge research and present their research in national and international conferences as well as publish in refereed international journals. In order to expose our students to the international arena as early as possible, we have standing arrangements and MOUs with a number of premier US Universities/Institutes for academic and educational collaboration, including summer research internships. The Institute has established IEEE EDS Centre of Excellence, first of its kind globally, with financial support from IEEE, USA. Its primary objective would be to provide collaborative environment to create rich teaching-learning and research experiences in the field of electron devices and circuits.

HIT-K is fortunate in having a team of excellent and dedicated members of faculty, trained in premier universities and institutions in the country and overseas, who are at the forefront of their profession. This prospectus includes information on their expertise and can be used as an indication of areas in which, besides teaching, they can provide guidance in R & D and consultancy to industry and government.

Should you have questions about HIT-K and its programs that this prospectus does not answer, please do not hesitate to contact us personally. We would be more than happy to hear from you.

I look forward to meeting you in person and also wish you all the best for your higher studies at this Institute.

**Prof. (Dr.) Pranay Chaudhuri**



# Kalyan Bharti Trust

## Board of Trustees

<b>Chairman</b> Shri Hari Krishna Chaudhary Chairman, Vikram India Ltd.	<b>Secretary</b> Shri Sajjan Bhajanka Chairman, Century Plyboards (I) Ltd.
<b>Vice-Chairman</b> Shri Vikram Swarup MD, Paharpur Cooling Towers Ltd.	<b>Treasurer</b> Shri Sajan Kumar Bansal Chairman & Managing Director, Skipper Ltd.

## Members

<b>Shri Prahlad Rai Agarwala</b> Chairman, Rupa & Co Ltd.	<b>Shri Kamal Kumar Dugar</b> Chairman & MD, K. K. Dugar & Co.
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# Heritage Institute of Technology

## Board of Governors

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## Members

<b>Shri Sanjay Agarwal</b> MD, Century Plyboards (I) Ltd.	<b>Swami Atmapriyananda Maharaj</b> Vice Chancellor, Ramakrishna Mission Vivekananda Educational & Research Institute, Belur
<b>Shri Hari Prasad Budhia</b> Chairman, Patton International Ltd.	<b>Dr. M.S. Ghuge</b> ERO, AICTE, Nominee of AICTE
<b>Shri Narain Prasad Dalmia</b> Director, Dalmia Securities Pvt. Ltd.	<b>Prof. (Dr.) Somdatta Chakravorty</b> Associate Professor, Dept. of Information Technology, MAKAUT, WB,
<b>Shri Siddharth Swarup</b> Director, Paharpur Cooling Towers Ltd.	<b>Prof. (Dr.) Dinabandhu Bhandari</b> Professor, Dept. of CSE, HIT-K
<b>Smt. Chandani Tudu</b> Special Secretary, Dept. of Higher Education, Government of West Bengal	<b>Prof. (Dr.) Mousiki Kar</b> Assistant Professor, Dept. of ECE, HIT-K

## Member-Secretary

<b>Prof. (Dr.) Pranay Chaudhuri</b> Principal, Heritage Institute of Technology
--

## Permanent Invitees

<b>Shri Hari Krishna Chaudhary</b> Chairman, Vikram India Ltd. & Chairman, Board of Trustees, KBT	<b>Shri Sajjan Bhajanka</b> Chairman, Century Plyboards (I) Ltd. & Secretary, Board of Trustees, KBT
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# Advisory Council

**Prof. (Dr.) Sparsha Mani Chatterjee-Chairman**  
Former Vice-Chancellor, B.E. College (Deemed University)

## Members

**Prof. (Dr.) Harish Chaudhry**  
Dean, Dept. of Management Studies, IIT, Delhi

**Prof. Manoj Kumar Mitra**  
Former Dean, Faculty of Engg. & Tech. Jadavpur University

**Prof. (Dr.) Somprakash Bandyopadhyay**  
Professor, MIS Group, IIM Calcutta

**Mr. Rabindranath Lahiri**  
Former Principal Consultant, ICS

**Mr. Ravindra Chamarla**  
Chairman & Managing Director, Infinity Infotech Parks Ltd.

**Mr. Samir Ghosh**  
Former Vice Chairman, ITC Ltd.

**Mr. Ivan Saha**  
President & CTO, Vikram Solar Pvt. Ltd., Kolkata



## 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
MCA	--	60

\* For Undergraduate programs, 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.

\*\* Accredited by NBA for 5 years w.e.f. 04.02.2014

\*\*\* Accredited by NBA for a period of 3-years w.e.f. 2016-2017 Academic Session and application for renewal of accreditation is currently under process

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

## Recognitions

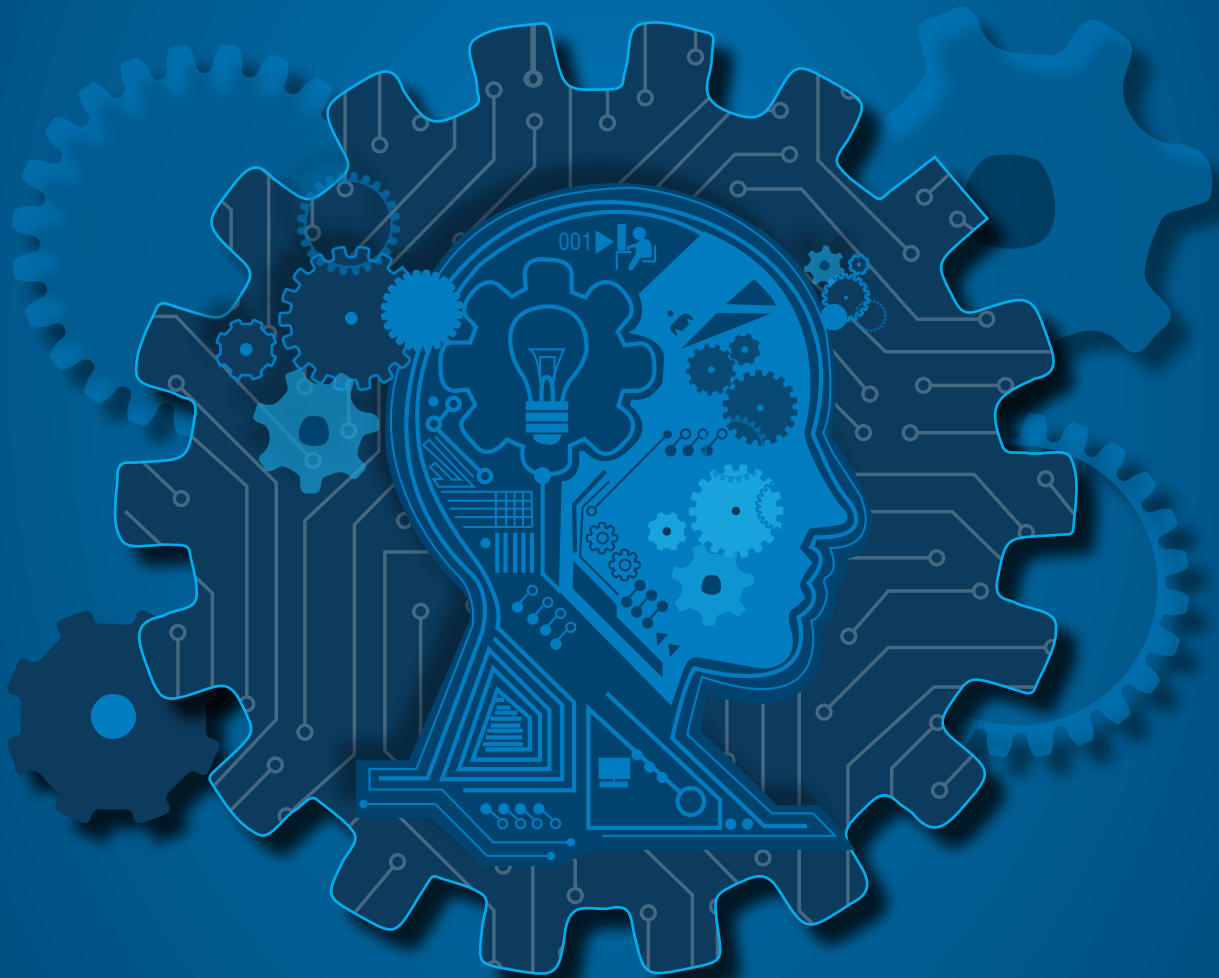
- In National Institutional Ranking Framework (NIRF-2019) by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology ranked 150 among all engineering Universities and Institutes (considering both Government and Private) in the country. The Institute also ranked 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 accredited by NAAC with B++ grade w.e.f. 22.02.2017 for a period of 5 (five) years.
- In Dataquest Tech School Survey 2018, the Institute is ranked 47 among T-schools (Government and Private combined) in India.
- Education World ranked HIT-K as the # 1 Engineering College in West Bengal (in the Private Self-financed Engineering college ranking) for the year 2017, 2018 & 2019.
- HackerEarth College Ranking 2019 - The Institute has ranked in the 66th Position amongst 6145 Colleges and Universities across the globe.
- HackerEarth is a competitive coding platform that helps HR Managers in hiring process, while providing a platform for programmers across the world to evaluate and objectively rank their skills.
- The Institute received "Best Engineering College of the Year" consecutively for the years 2017, 2018 and 2019 from ASSOCHAM, India.
- The Institute received "Best Engineering Institute in India-East" in February 2018 from ASSOCHAM, India.
- 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 performance indicators out of 10 as per Performance Assessment Report published by NPIU in its web portal (ason 22-04-2014). 51 (fifty one) out of 190 TEQIP-II funded institutes had been identified as well performing Institutes in India and out of these 51 institutes 17 (seventeen) unaided private institutes received an additional grant of Rs. 2 crore each over and above the project life time allocation. Heritage Institute of Technology is one of those 17 unaided private institutes.
- As per Career 360 Outlook Group Tech College Ranking in West Bengal, 2018, the Institute graded AAAA.
- As per Careers 360, Outlook Group Tech Colleges Ranking in West Bengal, April 2015, the Institute is graded AAA+ and its Biotechnology program is graded as No. 1 in West Bengal out of 6 such institutes offering Biotechnology courses.
- The Institute had been rated as "Gold" in the AICTE-CII Survey of Industry Linked Technical Institutes 2017.
- HITK is listed in The Indian Science Technology and Engineering Facilities Map (I-STEM) for 2018. I-STEM is a national web portal and an initiative of Centre for Nano Science Engineering, IISc, Bengaluru, developed with the concept "One nation One Portal" for the scientific community, aimed at "Linking Researchers and resources."

2018-2019



# HERITAGE INSTITUTE OF TECHNOLOGY

An Autonomous Institute affiliated to MAKAUT  
Accredited by NAAC



## PROSPECTUS 2018

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



Inspired by the noble cause of education and philanthropic zeal, a group of twenty-two like minded industrialists in Kolkata established in 1990 the Kalyan Bharti Trust (KBT), a public charitable foundation, to promote and provide higher education in the country and in the State of West Bengal, in particular. To achieve KBT's objective, The Heritage School (THS) and the Heritage Institute of Technology (HIT-K) were set up in 2001, MBA & MCA programme in Heritage Institute of Technology were started in 2003, while The Heritage Academy (THA) with BBA and BCA programme came up in 2007. The MBA programme in Heritage Institute of Technology has been accorded an independent status by AICTE as Heritage Business School in 2013 and the programme had been accredited by NBA in August 2013 for a period of 3 (three) years. The Heritage Academy (THA) started offering UG and PG degree in Media Science affiliated to MAKAUT from the Academic Year 2016-2017.

Heritage Law College (HLC) affiliated to the University of Calcutta was established in 2015. The Heritage College (THC) with B.A., B.Sc., and B.Com. (Hons) programme affiliated to the University of Calcutta started its journey from the Academic Year 2016-2017.

Future plans include starting B.Ed. program, setting up a Medical College, a Design Institute

and finally a University in the near future.

HIT-K was set up with a view to creating a centre of excellence in technical education in eastern India. The aim is to be a leader in technical education in the country and to be at par with the best in the world. Since inception, HIT-K has been fortunate to attract the best possible faculty and has created one of the finest infrastructure available in West Bengal. The B.Tech. programmes in AEIE, BT, ChE and ECE has been accredited by NBA from the Academic Year 2016-2017 for a period of 3 (three) years. The B.Tech. programme in CSE have been accredited by NBA in 2014 for a period of 5 years. The M.Tech. programmes in AEIE, BT, CSE and ECE has been accredited by NBA from the Academic Year 2017-2018 for a period of 2 (two) years.

HIT-K was granted autonomous status by West Bengal University of Technology on recommendation of UGC w.e.f. AY 2014-2015 for a period of 6 years.

The Institute has been accredited by NAAC with B++ grade for a period of 5 years w.e.f. 22.02.2017.

A harmonious integration of valued traditions with modern outlook is the guiding principle behind the development of the academic environment that constitutes the basic philosophy of the Institute.

# Kalyan Bharti Trust

## 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.



## Message from the Chairman, Kalyan Bharti Trust



Welcome to the Heritage Institute of Technology, Kolkata.

HITK is now stepping into the eighteenth year of its journey. For the past seventeen years, the Institute made every effort, small & large, to position itself among academicians, faculty, students and industry through its continuous pursuit towards excellence.

As you, in the batch of 2018-2022, embark on this phase of your life, do keep in mind that college education is both multi-dimensional & multi-faceted.

It extends beyond space & time, beyond the conventional classrooms, laboratories, workshops and seminars to healthy social interactions among fellow-students, to active

participation in student activities, both curricular and extra-curricular & to the real world of industry through summer internships and projects.

You would be provided with wide range of opportunities which would help you to build your strengths, talents and abilities. We would judge our success as an institution by how well you succeed in realizing your potential as a student and, in your professional career later.

I wish you all the very best for a truly rewarding and memorable campus tenure at the Heritage Institute of Technology, Kolkata.

**H.K. Chaudhary**

## Message from the Secretary, Kalyan Bharti Trust

Congratulations on choosing to join the Heritage Institute of Technology, Kolkata !

I am sure that this decision of yours will open up doors to a lifetime of opportunities for self -development and service to others. How fruitful your decision turns out to be, will depend primarily on the efforts you invest in your own intellectual, professional and social development.

The Institute is committed to creating an environment conducive for nurturing innovation, creativity and excellence in students.

I am convinced that each of you graduating from HITK will leave your indelible mark of success in whichever sphere of life you choose to be and I fervently hope that your desire to do well for the benefit of humanity only increases with your success in life.

**Sajjan Bhajanka**



## Message from the Chairman, Board of Governors, HITK

It is my pleasure to welcome you to the Heritage family !

I am sure that the next four years here will be an enriching and exciting one for you.

Our standards are challenging and, therein, lies the opportunity for each one of you to meet these challenges with dedication, commitment and hard work.

Our endeavour is to provide you with the best possible learning experience. Be assured that the members of faculty and staff of HITK will guide and support you in your efforts towards meeting these challenges.

In keeping with the Vision and Mission of the Kalyan Bharti Trust, we make every effort to engage you in all co-curricular activities for the all-round development of Mind, Body & Soul so that you develop into global citizens, while retaining our traditional values.

I sincerely hope that you, as a member of the 2018-2022 batch of students, will put in your best to make your parents, and society at large, to be proud of you.

I wish each one of you a fruitful learning experience at the Heritage Institute of Technology, Kolkata.

**P.R. Agarwala**



## Message from the Principal, HITK



I am delighted to welcome you to Heritage Institute of Technology, Kolkata (HIT-K), a leading centre for engineering education in this part of the world.

HIT-K prides itself on providing its students, both undergraduate and postgraduate, with a rich and exciting quality academic experience. We constantly endeavour to prepare our students as responsible and innovative global citizens having a firm grounding in their respective disciplines.

Currently, nine (9) of our undergraduate and postgraduate programmes have accreditation from National Board of Accreditation (NBA) – B.Tech. programme in CSE for five years and B.Tech. programmes in AEIE, BT, ChE and ECE for three years; M.Tech. programmes in AEIE, BT, CSE and ECE for two years. The Institute has been accredited by the National Assessment and Accreditation Council (NAAC) for five years with a B++ grade in the first cycle. In National Institutional Ranking Framework (NIRF) 2018 by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology has been ranked within the band 101-150 among Engineering Universities and Institutes (considering both Government and Private) in the country. The Institute had the same NIRF ranking in 2017.

The Institute is also one of only 25 private unaided engineering institutions across the country selected for Technical Education Quality Improvement Program (TEQIP), Phase II, 2012-2016, a World Bank funded initiative of MHRD, Government of India, with the primary objective of enhancing teaching and learning quality and thereby employability of students. In recognition of the quality of the academic programs that HIT-K offers, on recommendations of UGC, West Bengal University of Technology (presently, Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal) granted autonomous status to the Institute initially for a period of 6 years w.e.f. the Academic Session 2014-2015.

Our focus is on quality education and continuously building our quality is critical for our success. We encourage members of faculty and students to engage in cutting-edge research and present their research in national and international conferences as well as publish in refereed international journals. In order to expose our students to the international arena as early as possible, we have standing arrangements and MOUs with a number of premier US Universities/ Institutes for academic and educational collaboration, including summer research internships. The Institute has established IEEE EDS Centre of Excellence, first of its kind globally, with financial support from IEEE, USA. Its primary objective would be to provide collaborative environment to create rich teaching-learning and research experiences in the field of electron devices and circuits.

HIT-K is fortunate in having a team of excellent and dedicated members of faculty, trained in premier universities and institutions in the country and overseas, who are at the forefront of their profession. This prospectus includes information on their expertise and can be used as an indication of areas in which, besides teaching, they can provide guidance in R & D and consultancy to industry and government.

Should you have questions about HIT-K and its programs that this prospectus does not answer, please do not hesitate to contact us personally. We would be more than happy to hear from you.

I look forward to meeting you in person and also wish you all the best for your higher studies at this Institute.

**Prof. (Dr.) Pranay Chaudhuri**

# Kalyan Bharti Trust

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

## Board of Trustees

<b>Chairman</b>	<b>Shri Hari Krishna Chaudhary</b> Chairman, Vikram India Ltd.
<b>Vice-Chairman</b>	<b>Shri Vikram Swarup</b> MD, Paharpur Cooling Towers Ltd.
<b>Secretary</b>	<b>Shri Sajjan Bhajanka</b> Chairman, Century Plyboards (I) Ltd.

## Members

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



# Heritage Institute of Technology

## Board of Governors

**Shri Prahlad Rai Agarwala** - Chairman  
Chairman, Rupa & Co. Ltd.  
**Shri Vikram Swarup** - Vice Chairman  
MD, Paharpur Cooling Towers Ltd.

## Members

<b>Shri Sanjay Agarwal</b> Managing Director, Century Plyboards (I) Ltd.	<b>Swami Atmapriyananda Maharaj</b> Vice Chancellor, Ramakrishna Mission Vivekananda University, Belur
<b>Shri Hari Prasad Budhia</b> Chairman, Patton International Ltd.	<b>Dr. Parameswar De</b> Ex-Professor & Head, Dept. of ChE University of Calcutta
<b>Shri Narain Prasad Dalmia</b> Director, Dalmia Securities Pvt. Ltd.	<b>Prof. (Dr.) N.P. Nayak</b> Professor & HOD, Dept. of Physics, HIT-K
<b>Shri Siddharth Swarup</b> Director, Paharpur Cooling Towers Ltd.	<b>Ms. Satarupa Bagchi Biswas</b> Assistant Professor, Dept. of IT, HIT-K
<b>Smt. Madhumita Ray, IAS</b> Secretary, Dept. of Higher Education, Govt. of West Bengal	<b>Dr. Pranay Chaudhuri</b> Principal, HIT-K

## Permanent Invitees

<b>Shri H.K. Chaudhary</b> Chairman, Vikram India Ltd.	<b>Shri Sajjan Bhajanka</b> Chairman, Century Plyboards (I) Ltd.
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## Advisory Council

**Prof. (Dr.) S.M. Chatterjee** - Chairman  
Former Vice-Chancellor, B.E. College (Deemed University)

## Members

**Prof. (Dr.) Harish Chaudhry**  
Dean, Dept. of Management Studies, IIT, Delhi

**Prof. Manoj Kumar Mitra**  
Former Dean, Faculty of Engg. & Tech., Jadavpur University

**Prof. (Dr.) Somprakash Bandyopadhyay**  
Professor, MIS Group, IIM Calcutta

**Mr. R.N. Lahiri**  
Former Principal Consultant, TCS

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**Mr. Samir Ghosh**  
Former Vice Chairman, ITC Ltd.

**Mr. Ivan Saha**  
BU Head-Solar Manufacturing & CTO, Vikram Solar Pvt. Ltd., Kolkata



From Left to Right: Mr. Manav Bansal, Mr. Siddharth Swarup, Prof. (Dr.) Manoj Mitra, Mr. R.N. Lahiri, Prof. B.B. Paira, Mr. P.K. Agarwal, Mr. H.K. Chaudhary, Prof. (Dr.) S.M. Chatterjee, Mr. P.R. Agarwala, Prof. (Dr.) Harish Chaudhry, Mr. Probir Roy, Prof. (Dr.) Pranay Chaudhuri

## Existing Academic Programs

Disciplines	Approved Intake*	
	UG	PG
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Biotechnology	60***	18****
Chemical Engineering	60***	--
Civil Engineering	120	--
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Electrical Engineering	60	--
Electronics & Communication Engineering	180***	18****
VLSI	--	18
Information Technology	60	--
Mechanical Engineering	120	--
Renewable Energy	--	18
MCA	--	60

\* For Undergraduate programs, 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 for 5 years w.e.f. 04.02.2014

\*\*\* 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

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).

## Recognitions

- In National Institutional Ranking Framework (NIRF) 2018 by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology has been ranked within the band 101-150 among engineering Universities and Institutes (considering both Government and Private) in the country. The Institute had the same ranking in 2017.
- Institute is recognized u/s 2(f) of the UGC Act, 1956.
- The Institute has been accredited by NAAC with B++ grade w.e.f. 22.02.2017 for a period of 5 (five) years.
- In Dataquest Tech School Survey 2018, the Institute is ranked 47 among T-Schools (Government and Private combined) in India.
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- As per Career 360 Outlook Group Tech College Ranking in West Bengal, 2018, the Institute graded AAAA.
- As per Careers 360, Outlook Group Tech Colleges Ranking in West Bengal, April 2015, the Institute is graded AAA+ and its Biotechnology program is graded as No. 1 in West Bengal out of 6 such institutes offering Biotechnology courses.
- The Institute had been rated as "Gold" in the AICTE – CII Survey of Industry Linked Technical Institutes 2017



Shri H.K. Chaudhary, Chairman, Heritage Group of Institutions (in the extreme left) receiving the "Best Engineering College Award-2018" from His Excellency Governor of West Bengal Shri K.N. Tripathi in the ASSOCHAM EDU MEET at KOLKATA

2017-2018





# HERITAGE INSTITUTE OF TECHNOLOGY

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**PROSPECTUS 2017**

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Future plans include starting B.Ed. program affiliated to the West Bengal University of Teachers' Training,

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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.
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## Message from the Chairman, Kalyan Bharti Trust



Welcome to Heritage Institute of Technology, Kolkata.

HITK has now stepped into the seventeenth year of its journey. For the past sixteen years, the Institute has made every effort, small & big, to position itself among academicians, faculty, students and industry through its continuous pursuit towards excellence.

As you, the batch of 2017-2021, embark on this phase of your life, do keep in mind that college education is both multi-dimensional & multi-faceted.

It extends beyond space & time, beyond the conventional classrooms, laboratories, workshops and seminars to healthy social interactions among fellow-students, to active participation in student activities, both cultural & sporting & to the real world of industry through summer internships and projects.

You will be provided with a wide range of opportunities which will build on your strengths, talents and abilities. We will judge our success as an institution by how well you succeed in realizing your potential as a student and, in your professional career later.

I wish you all the very best for a truly rewarding and memorable tenure at Heritage Institute of Technology, Kolkata.

**H.K. Chaudhary**

## Message from the Secretary, Kalyan Bharti Trust

Congratulations on choosing to join Heritage Institute of Technology, Kolkata!

I am sure that this decision of yours will open up doors to a lifetime of opportunities for self-development and service to others. How fruitful your decision turns out to be, will depend primarily on the efforts you invest in your own intellectual, professional and social development.

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**Sajjan Bhajanka**



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Our endeavour is to provide you with the best possible learning experiences. Be assured that the members of faculty and staff of HITK will guide and support you in your efforts towards meeting these challenges.

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I sincerely hope that you, as a member of the 2017-2021 batch of students, will put in your best to make your parents, and society at large, proud of you.

I wish each one of you a fruitful learning experience at Heritage Institute of Technology, Kolkata.

**P.R. Agarwala**



## Message from the Principal, HITK



I am delighted to welcome you to Heritage Institute of Technology, Kolkata (HIT-K), a leading centre for engineering education in this part of the world.

HIT-K prides itself on providing its students, both undergraduate and postgraduate, with a rich and exciting quality academic experience. We constantly endeavour to prepare our students as responsible and innovative global citizens having a firm grounding in their respective disciplines.

Our focus is on quality education and continuously building our quality is critical for our success. The Institute has been accredited by the National Assessment and Accreditation Council (NAAC) for five years with a B++ grade in the first cycle. Moreover, at present four undergraduate programmes of the Institute have accreditation from National Board of Accreditation (NBA) – AEIE, BT, ChE and ECE for three years and CSE for five years. The Institute is also one of only 25 private unaided engineering institutions across the country selected for Technical Education Quality Improvement Program (TEQIP), Phase II, 2012-2016, a World Bank funded initiative of MHRD, Government of India, with the primary objective of enhancing teaching and learning quality and thereby employability of students. In recognition of the quality of the academic programs that HITK offers, the UGC granted autonomous status to the Institute initially for a period of 6 years w.e.f. the Academic Session 2014-2015.

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Should you have questions about HIT-K and its programs that this prospectus does not answer, please do not hesitate to contact us personally. We would be more than happy to hear from you.

I look forward to meeting you in person and also wish you all the best for your higher studies at this Institute.

**Prof. (Dr.) Pranay Chaudhuri**

# Kalyan Bharti Trust

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

## Board of Trustees

<b>Chairman</b>	<b>Shri Hari Krishna Chaudhary</b> Chairman, Vikram India Ltd.
<b>Vice-Chairman</b>	<b>Shri Vikram Swarup</b> Chairman, Paharpur Cooling Towers Ltd.
<b>Secretary</b>	<b>Shri Sajjan Bhajanka</b> Chairman, Century Plyboards (I) Ltd.
<b>Treasurer</b>	<b>Shri Jaydeep Chitlangia</b> Managing Director, Madhya Bharat Papers Ltd.

## Members

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



# Heritage Institute of Technology

## Board of Governors

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

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

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**Smt. Madhumita Ray, IAS**  
Additional Secretary, Dept. of Higher Education, Govt. of  
West Bengal

**Swami Atmapriyananda Maharaj**  
Vice Chancellor, Ramakrishna Mission Vivekananda  
University, Belur

**Dr. Parameswar De**  
Ex-Professor & Head, Dept. of ChE University of Calcutta

**Prof. (Dr.) N.P. Nayak**  
Assoc. Prof. & HOD, Dept. of Physics, HIT-K

**Ms. Satarupa Bagchi Biswas**  
Assistant Professor, Dept. of IT, HIT-K

**Dr. Pranay Chaudhuri**  
Principal, HIT-K

## Permanent Invitees

**Shri H.K. Chaudhary**  
Chairman, Vikram India Ltd.

**Shri Sajjan Bhajanka**  
Chairman, Century Plyboards (I) Ltd.



# Advisory Council

**Prof. (Dr.) S.M. Chatterjee** - Chairman  
Former Vice-Chancellor, B.E. College (Deemed University)

## Members

**Prof. (Dr.) Harish Chaudhry**  
Dean, Dept. of Management Studies, IIT, Delhi

**Prof. Manoj Kumar Mitra**  
Former Dean, Faculty of Engg. & Tech., Jadavpur University

**Prof. (Dr.) Somprakash Bandyopadhyay**  
Professor, MIS Group, IIM Calcutta

**Mr. R.N. Lahiri**  
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Former Vice Chairman, ITC Ltd.

**Mr. Ivan Saha**  
President & Chief Technical Officer, Vikram Solar Pvt. Ltd., Kolkata



From Left to Right: Mr. Manav Bansal, Mr. Siddharth Swarup, Prof. (Dr.) Manoj Mitra, Mr. R.N. Lahiri, Prof. B.B. Paira, Mr. P.K. Agarwal, Mr. H.K. Chaudhary, Prof. (Dr.) S.M. Chatterjee, Mr. P.R. Agarwala, Prof. (Dr.) Harish Chaudhry, Mr. Probir Roy, Prof. (Dr.) Pranay Chaudhuri



# Existing Academic Programs

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
MCA	--	60

\* For Undergraduate programs, 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 the Academic Year 2016-2017 for a period of 3-year

\*\*\* Accredited by NBA in 2014 for 5 years

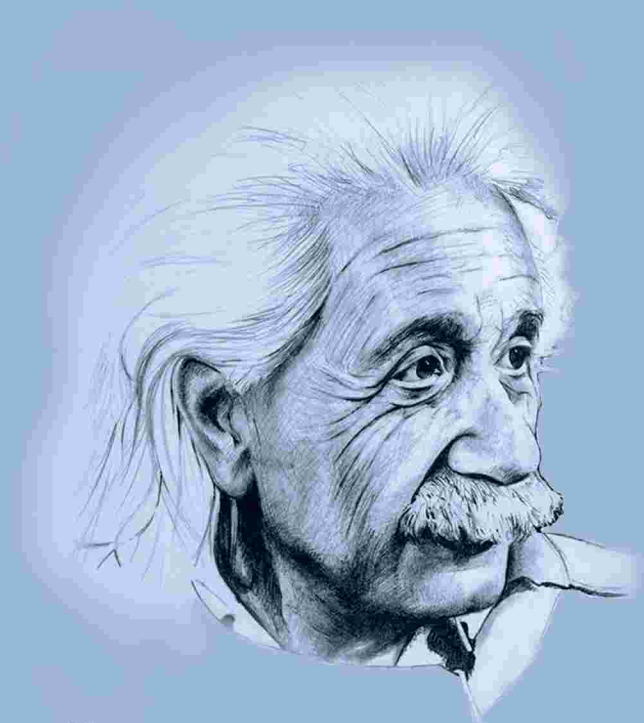
All the programmes are duly approved by the All India Council for Technical Education (AICTE), and affiliated to the Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT) formerly West Bengal University of Technology (WBUT).

## Recognition

- In National Institutional Ranking Framework (NIRF) by Ministry of Human Resource and Development, Government of India, Heritage Institute of Technology has been ranked within top 150 engineering Universities and Institutes (considering both Government and Private) in the country.
- Institute is recognized u/s 2(f) of the UGC Act, 1956.
- The Institute has been accredited by NAAC with B++ grade w.e.f. 22.02.2017 for a period of 5 (five) years.
- Education World ranked HIT-K as the best Engineering College in West Bengal (in the Private Self-financed engineering college ranking)
- Digital Learning Magazine rated HITK AAAA, which is the best category awarded by them to any Institute / University
- 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 performance indicators out of 10 as per Performance Assessment Report published by NPIU in its web portal (as on 22-04-2014). 51 (fifty one) out of 190 TEQIP-II funded institutes had been identified as well performing Institutes in India and out of these 51 institutes 17 (seventeen) unaided private institutes received an additional grant of Rs. 2 crore each over and above the project life time allocation. Heritage Institute of Technology is one of those 17 unaided private institutes.
- 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.

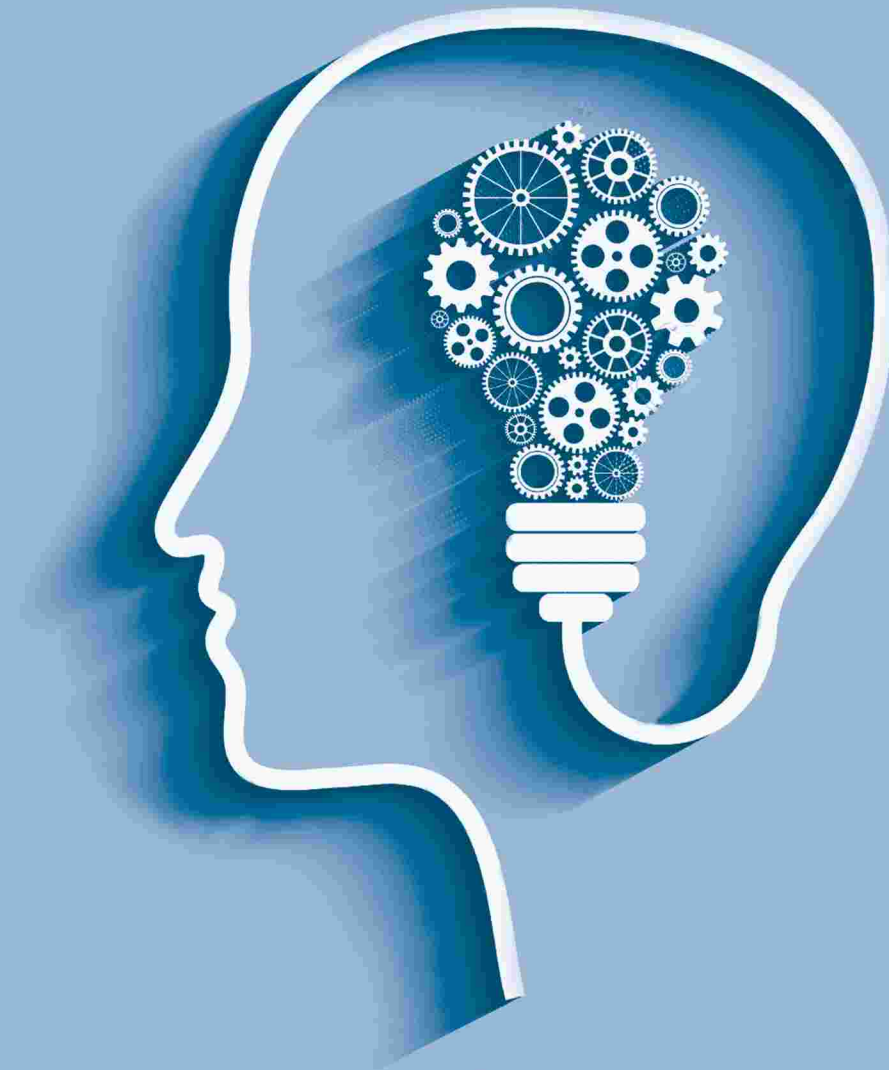


2016-2017



"The value of a college education  
is not the learning of many facts  
but the training of the mind to think"

*A. Einstein*



Intelligence  
Engineered to Excellence

Heritage Institute of Technology

An Autonomous Institution declared by UGC

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

PROSPECTUS 2016



Inspired by the noble cause of education and with a philanthropic zeal, a group of twenty-two like minded industrialists in Kolkata established Kalyan Bharti Trust (KBT), a public charitable foundation, to promote and provide higher education in the country and in the State of West Bengal, in particular. To achieve KBT's objective, The Heritage School (THS) and Heritage Institute of Technology (HIT-K) were set up in 2001, Heritage Business School (HBS) offering full time MBA programme was started in 2003, while The Heritage Academy (THA) offering BBA, BCA, BSc and MSc-Media Science programme came up in 2007.

Heritage Law College (HLC) affiliated to the University of Calcutta was established in 2015 offering BA LLB programme. The Heritage College (THC) offering B.A., B.Sc., and B.Com. (Hons) programme affiliated to the University of Calcutta started from the Academic Year 2016-2017.

Future plans of KBT include starting B.Ed. program affiliated to the West Bengal University of Teachers' Training, Education Planning and Administration, from Academic Year 2017-18, setting up a Medical College, a Design Institute and finally a University in the near future. HIT-K was set up with a view to create a centre of excellence in technical education in Eastern India. The aim is to be a leader in technical education in the country and to be at par with the best in the world. Since inception, HIT-K has been fortunate to attract the best possible faculty and has created one of the finest infrastructures available in West Bengal. The B.Tech. programmes in AEIE, BT, ChE, ECE and IT were accredited by NBA in the year 2013 for a period of 2 years and application for renewal of accreditations have been submitted to NBA subsequently. The B.Tech. programme in CSE have been accredited by NBA in 2014 for a period of 5 years. HIT-K was granted autonomous status by Maulana Abul Kalam Azad University of Technology on recommendation of UGC w.e.f. Academic year 2014-2015 for a period of 6 years. A harmonious integration of valued traditions with modern outlook is the guiding principle behind the development of the academic environment that constitutes the basic philosophy of the Institute.

# Kalyan Bharti Trust

# 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 & developmental activities and interaction with industry

To inculcate leadership qualities for serving the society



# WELCOME

## m e s s a g e



Welcome to Heritage Institute of Technology, Kolkata.

HITK has now stepped into the sixteenth year of its journey. For the past decade and a half, the Institute has made every effort, small & big, to create a niche for itself among academicians, faculty, students and industry through its continuous pursuit towards excellence.

As you, the batch of 2016-2017, embark on this phase of your life, do keep in mind that college education is both multi-dimensional & multi-faceted.

It extends beyond space & time, beyond the conventional classrooms, laboratories, workshops and seminars to healthy social interactions among fellow-students, to active participation in student activities, both cultural & sporting & to the real world of industry through summer internships and projects.

You will be challenged to unlock your potential and build on your strengths, talents and abilities.

We will judge our success as an institution by how well you succeed in realizing your potential as a student and, in your professional career later.

I wish you all the very best for a truly rewarding and memorable tenure at Heritage Institute of Technology, Kolkata.

**H.K. Chaudhary**

Chairman, Kalyan Bharti Trust



Congratulations on joining Heritage Institute of Technology, Kolkata !

I do hope that this decision of yours opens up the door to a lifetime of opportunities for self growth and service to others. How fruitful your decision turns out to be, will depend primarily on the efforts you invest in your own intellectual, professional and social development.

The Institute is committed to creating an environment conducive for nurturing innovation, creativity and excellence in students.

I am convinced that each of you graduating from HITK will leave your indelible mark of success in whichever sphere of life you choose to be and I fervently hope that your desire to do well for the benefit of humanity only increases with your successes in life.

**Sajjan Bhajanka**

Secretary, Kalyan Bharti Trust



It is my pleasure to welcome you to the Heritage family !

I am sure that the next four years here will be an enriching and exciting one for you.

Our standards are challenging and, therein, lies the opportunity for each one of you to meet these challenges with dedication, commitment and hard work.

Our endeavour is to provide you with the best possible learning experiences. Be assured that the members of faculty and staff of HITK will guide and support you in your efforts towards meeting these challenges.

In keeping with the Vision and Mission of Kalyan Bharti Trust, we make every effort to engage you in all co-curricular activities for the all-round development of Mind, Body & Soul so that you develop into global citizens, while retaining our traditional values.

I sincerely hope that you, as a member of the new batch of students, will put in your best to make your parents, and society at large, proud of you.

I wish each one of you a fruitful learning experience at Heritage Institute of Technology, Kolkata.

**P.R. Agarwala**

Chairman, Board of Governors



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Our focus is on quality education and continuously building our quality is critical for our success. It may be noted that all eligible B.Tech. programs of the Institute received accreditation from National Board of Accreditation (NBA), out of which period of validity in respect of CSE is 5 years, and for AEIE, BT, ChE, ECE and IT applications for renewal of accreditation are currently in process. The Institute is also one of only 25 private unaided engineering institutions across the country selected for Technical Education Quality Improvement Program (TEQIP), Phase II, a World Bank funded initiative of MHRD, Government of India, with the primary objective of enhancing teaching and learning quality and thereby employability of students. In recognition of the quality of the academic programs that HITK offers, the UGC granted autonomous status to the Institute initially for a period of 6 years w.e.f. the Academic Session 2014-2015.

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**Prof. (Dr.) Pranay Chaudhuri**

Principal, HIT-K

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<b>Vice-Chairman</b>	<b>Shri Vikram Swarup</b> Chairman, Paharpur Cooling Towers Ltd.
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<b>Treasurer</b>	<b>Shri Jaydeep Chitlangia</b> Managing Director, Madhya Bharat Papers Ltd.

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**Shri Siddharth Swarup**  
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# HERITAGE INSTITUTE OF TECHNOLOGY

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**Smt. Madhumita Ray, IAS**

(Govt. of WB Nominee) Additional Secretary,  
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**Dr. Parameswar De**

(MAKAUT Nominee)  
Ex-Professor & Head, Dept. of ChE  
University of Calcutta

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Associated Prof. & HOD  
Dept. of Physics, HIT-K

**Dr. Pranay Chaudhuri**

Secretary, Principal, HIT-K

**Ms. Satarupa Bagchi Biswas**

Assistant Professor, Dept. of IT, HIT-K

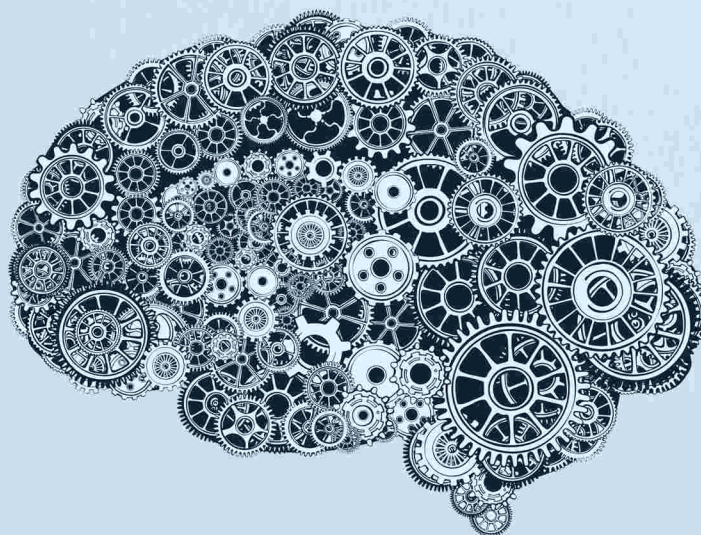
## PERMANENT INVITEES

**Shri Hari Krishna Chaudhary**

Chairman, Board of Trustees, KBT

**Shri Sajjan Bhajanka**

Secretary, Board of Trustees, KBT



## ADVISORY COUNCIL

**Prof. (Dr.) S.M. Chatterjee**

Chairman, Former Vice-Chancellor, B.E. College (Deemed University)

### MEMBER

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Dean, Dept. of Management Studies, IIT, Delhi

**Prof. Manoj Kumar Mitra**

Former Dean, Faculty of Engg. & Tech. Jadavpur University

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**Mr. Samir Ghosh**

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**Dr. Paritosh M. Chakraborty**

President & Chief Executive Officer

PMC Group of Companies

**Mr. Ivan Saha**

President & Chief Technical Officer

Vikram Solar Pvt. Ltd., Kolkata

## ACADEMIC PROGRAMMES

Disciplines	Approved Intake*	
	UG	PG
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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

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- 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.
- HITK ranks 3rd in Eastern India being next only to BESU and BIT Mesra (above JU, which ranks 4th) as per non-IIT Tech School Survey 2013 conducted by Digital Mailers, Bangalore.
- HITK ranks 8th in the Eastern Region (above JU, which ranks 9th) in terms of CTC of a graduate after 5 years of work experience as per survey conducted in 2013 by Silicon India, the largest community of Indian Professionals featuring technology, business, entrepreneur news, best jobs, career opportunities etc.

