

INFORMATION BROCHURE
Academic Session 2021-22

B.TECH, M.TECH, MCA, MBA



HALDIA INSTITUTE OF TECHNOLOGY

An autonomous institution under Maulana Abul Kalam Azad University of Technology
(Formerly Known as West Bengal University of Technology)

An Institute of ICARE Pioneer in Technical Education (Estd.-1996). The First and
Largest Self Financed Engineering Institute of West Bengal

NAAC Accredited Technology Institute with "A" Grade (CGPA 3.31 out of 4)

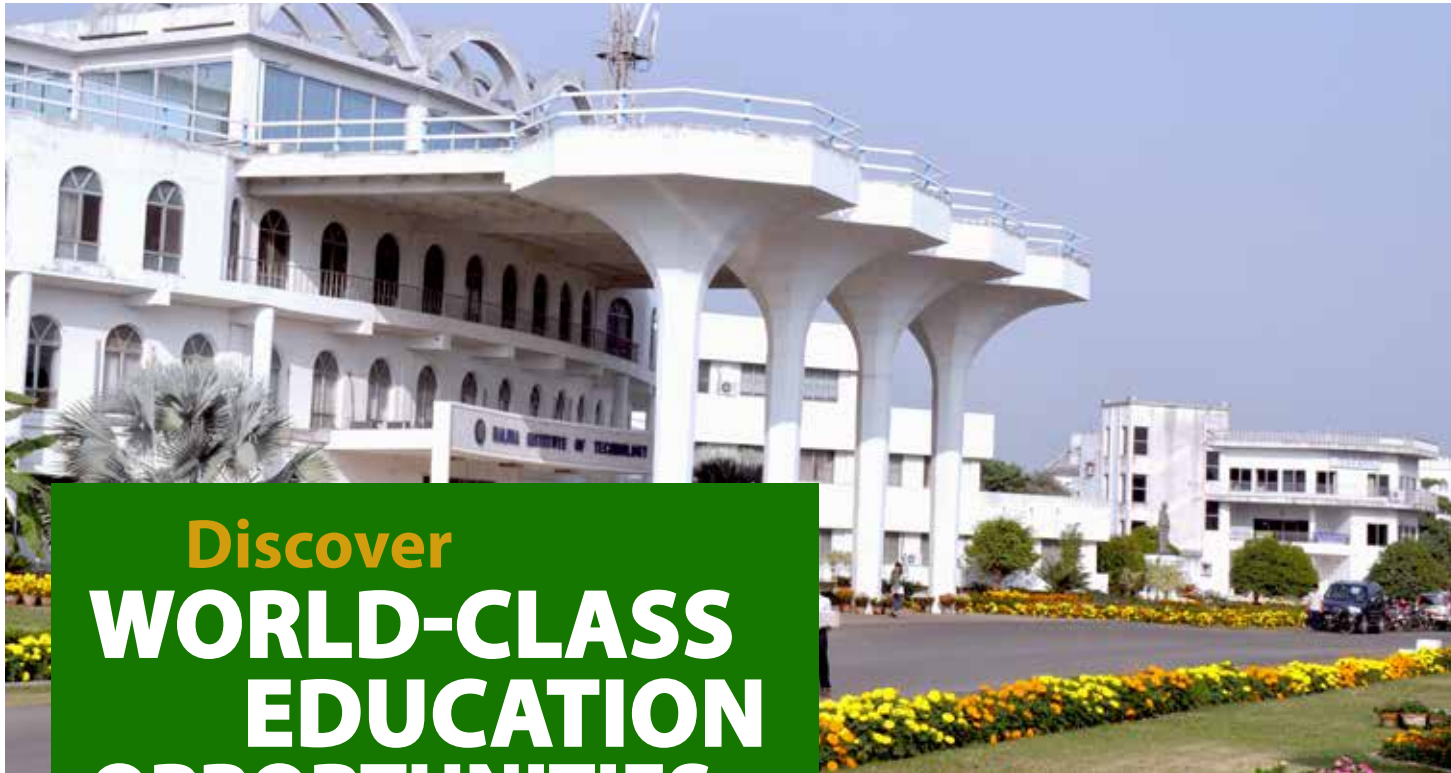
**UG Programme (AEIE, BT, CHE, CSE, ECE, EE, ME, Civil, FT & IT) accredited
by National Board of Accreditation (NBA)**

Approved by: All India Council for Technical Education (AICTE)

**Affiliated to: Maulana Abdul Kalam Azad University of Technology
(Formerly Known as West Bengal University of Technology)**

NAAC
Grade "A"

NIRF-MHRD
rank 163



HIT: A KNOWLEDGE HUB WITH TECHNO-PEDANTIC LOOM

VISION

To achieve Centre of Excellence in the field of Science, Technology and Management Education for creating dynamic human resources of global standards with capabilities of accepting new challenges.

MISSION

- To impart quality and value based education to raise satisfaction level of all stake-holders.
- To create competent, creative professionals and great entrepreneurs who can work as individual or in group in multicultural global environments.
- To prepare citizens who would grow to be competent enough to contribute significantly with personal integrity and civic responsibility for the betterment of mankind throughout their careers and profession.

Discover WORLD-CLASS EDUCATION OPPORTUNITIES at HALDIA

ACADEMIC RECOGNITION AND AFFILIATION

- The Institute is recognized as Autonomous Institute by UGC and affiliating University [Maulana Abdul Kalam Azad University of Technology] for a period of 10 years from 2018-2019 to 2028-2029.
- NAAC Accredited Technical Institute with "A" Grade (3.31 CGPA out of 4)
- NBA accredited Programs are BT, CHE, CSE, AEIE, ECE, EE, ME, CE, FT & IT.
- NIRF Ranking: 163 in the year 2020-21.
- The Institute is selected as the Mentor Institute for the institutions which are near to our geographic vicinity by the NAAC as intimated vide letter dated 10/09/2018 bearing F.No. 13-20/DS/2018.
- The Institute is recognized to act as HOST INSTITUTION for implementation of the scheme "Support for Entrepreneurial and Managerial Development of MSME Through Incubator" duly approved during meeting of PMAC held on 20/12/2019 at new Delhi.
- The Institute is included under section 2(f) & 12(B) of UGC Act.
- Approved by All India Council for Technical Education (AICTE)
- Affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal (formerly Known as West Bengal University of Technology)
- The Institute is selected for establishing **AICTE Idea Lab**

Haldia Institute of Technology, spreading across 37 acres of land, is situated at Haldia, West Bengal, an industrial hub in eastern India. The Institute is dedicated to the objectives of creating highly trained professional manpower in various disciplines of engineering, technology, social and management sciences. The Institution is also dedicated to impart and inculcate quality education, higher scientific and social science research for envisaging the everlasting sustenance in global competitiveness.

COURSES OFFERED - UNDER GRADUATE (2021-22)

Sl. No.	UG	Name of Courses	Approved Intake
1.	UG-B. Tech	Chemical Engineering	120
2.	UG-B. Tech	Applied Electronics & Instrumentation Engineering	60
3.	UG-B. Tech	Electronics & Communication Engineering	180
4.	UG-B. Tech	Computer Science & Engineering	180
5.	UG-B. Tech	Computer Science & Engineering (Cyber Security)	60
6.	UG-B. Tech	Computer Science & Engineering (Data Science)	60
7.	UG-B. Tech	Computer Science & Engineering (Artificial Intelligence & Machine Learning)	60
8.	UG-B. Tech	Mechanical Engineering	120
9.	UG-B. Tech	Information Technology	120
10.	UG-B. Tech	Electrical Engineering	120
11.	UG-B. Tech	Civil Engineering	120
12.	UG-B. Tech	Biotechnology	60
13.	UG-B. Tech	Food Technology	60

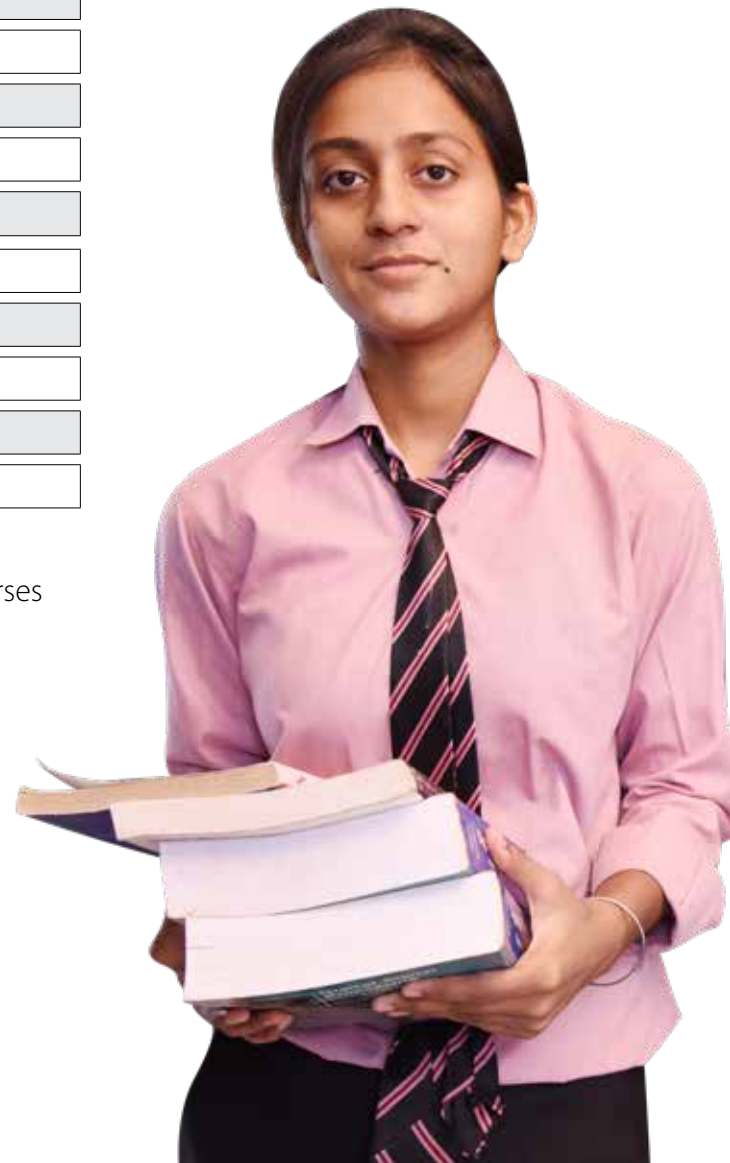
In addition:

1. 15% supernumerary seats in PIO/Foreign Nationals/Overseas Citizen of India (OCI)/Gulf Quota for B.Tech. Courses during the A.Y. 2021-2022.
2. 10% seats on Sanction Intake plus actual vacant seats for Lateral Entry in B.Tech. Courses (2nd year).

ELIGIBILITY CRITERIA FOR ADMISSION

- B. Tech. Admission: Central counselling process of WBJEE Board/AIEEE/MQ.

The Institute has been approved by AICTE for admission of students under PIO/FN/ Gulf quota/OCI for academic year 2021-22 for eligible UG Engineering courses.



COURSES OFFERED - POST GRADUATE (2021-22)

Sl. No.	PG	Name of Courses	Approved Intake
1.	PG-M. Tech	Chemical Engineering	9
2.	PG-M. Tech	Computer Science & Engineering	12
3.	PG-M. Tech	Electronics & Communication Engineering	12
4.	PG-M. Tech	Biotechnology	9
5.	PG-M. Tech	Mechanical Engineering	18
6.	PG-Others	Masters in Business Administration (MBA)	60
7.	PG-Others	Master in Computer Application (MCA)	60

ELIGIBILITY CRITERIA FOR ADMISSION

- M. Tech. Admission: University counselling process (PGET).
- MBA Admission: Graduates (10+2+3) with valid MAT/WBJEMAT score.
- MCA Admission: Bachelor's degree with mathematics as subject, at least 50% marks and valid JECA ranking.



ACADEMIC AMBIENCE

Faculty

- The Institute has **full time faculty strength of 255** (out of which more than 95 faculty members are having PhD).
- HIT has dedicated team of teachers who are committed to **igniting the spark of creativity and inspiring a quest for knowledge** in the minds of students.
- **Faculties are highly involved in various national levels scientific and research activities**, through which students enrich their knowledge and get exposure in diversify research field.



Campus Facilities

- Well Equipped and **state-of-the-art laboratories** in all engineering & management Departments
- Campus wide **Wi-Fi facility** with 200 Mbps high speed leased line
- Several **central workshops** housed with latest equipment.
- Class rooms and seminar halls are equipped with **Audio Visual facilities**.



Aryabhata Central Library



The library (4402 sq. m area) has a **rich collection of 114259 books, 156 print journals, 10 databases** of



e-resource journals (Science direct, J-GATE, IEEE, ASTM, ASCE, Springer, etc.) covering **about 21017 e-journals**. In addition, databases of ProQuest and McGraw-Hill facilitate access to **39232 e-books** on wide variety of disciplines. **Full video course**, lectures of NPTEL (an initiation of IIT and IISc.) are also added in the library for academic purpose. Beside, the Library also subscribes **10 English, Bengali & Hindi newspapers & 10 magazines**. The Central Library has its own home page & the **users can navigate through the campus LAN and Wi-Fi facility**.



Research & Development

The Institute has **state-of-the-art research facilities** for technical, scientific and industrial research. Various Departments of the institute are engaged in different research projects sponsored by the DST, AICTE, UGC and many other Govt. agencies. The Departments have **research collaboration with top level academic centres** such as IIT Kharagpur, Jadavpur University, NIT Durgapur, IEST, University of Calcutta, Indian Association for the Cultivation of Science, Indian Institute



of Chemical Biology, Institute of Chemical Engineers and many others. Recently the Institute has harnessed for **higher academic collaboration with universities like Mysore University (India), MingChi University (Taiwan) and Webster University (Thailand), NIT Kurukshetra** to augment the research & development avenues in frontier technologies/ scientific fields.



STUDENT AMENITIES

Campus Life

- Hostel facilities (boys and girls) including WI-Fi connectivity.
- Nationalized bank (with ATM) and Post Office branch.
- Departmental store, Book store, Restaurants, Cafeteria, Saloon and Beauty parlour.
- Medical centre, Pharmacy, Multi-gymnasium.
- Play grounds, Basketball, Volleyball and Badminton courts.
- Having different clubs like Cine Club, Music Club, Hobby Club, Robotic Club and Max Club (Aeronautics) etc. to promote the co-curricular activities.
- Professional students chapters like IEEE, IETE, IE(I), SAE, IChE, ISA, ACM, CSI, AFSTI etc.. to promote the seminar, workshop, lectures and research activities.



Extra-Curricular Activities

The Institution encourages cultural activities for students by organizing cultural festivals and competitions to nurture creativity. The Institute also provides the students with facilities for outdoor and indoor games to explore and manifest their talents and passions. NSS (National Service Scheme) activities like tree plantation program, blood donation camp, eye checkup and various awareness programme run throughout the year.





INDUSTRY- ACADEMIA PARTNERSHIP

An Industry-Institute Partnership Cell (IIPC) at the Institute focuses on better interaction between industries and academia for mutual benefits through collaborative research and co-curricular activities (e.g. workshops, Industrial visits, Seminar lectures) that enriches students and faculties with unique perspectives. Such enrichment enables our students to reach better heights of achievements

during their professional career. The advantage of being in the midst of an industrial hub with market leaders like Indian Oil Corporation, TATA Chemicals, Mitsubishi Chemicals, Haldia Petrochemicals Ltd. Excide Industries Ltd., AdaniWilmar Ltd., SGS India, Fresenius Kabi, IVL Dhunseri, UPL, Varun Beverages, Bengal Beverages and many others makes our Institute ideal for flourishing through the IIPC events.

TRAINING AND PLACEMENT

HIT has been consistently setting records of campus placements across India. Producing graduates who are well equipped to handle the working norms of the industry and commerce in the public and the private sectors has been the primary aim of the Institute. It makes significant efforts to ensure enhanced employability through rigorous professional trainings at reputed industries and corporate houses. A series of in-house grooming programs e.g. interactive seminars and workshops, personality development classes, in depth counselling by experts, mock interviews and tutorials conducted by some of our finest faculties to enhance our students' chances in a competitive job market.



ThoughtClan

LabVantage

A. B. POLYPACKS PVT. LTD.
Total Packaging Solutions

OMICS International

JUBILANT FOODWORKS

BENGAL ENERGY

WACKER

SHV ENERGY

Ajanta SHOES Since 1956

Justdial

FRESENIUS KABI
caring for life

AXIS BANK

BYGGING INDIA
a Dominion company

YOKOGAWA
Co-innovating tomorrow*

Linde

MCPi
MCPi Private Limited

BISK FARM

RDC Concrete
We Promise We Deliver

SANMAR
The Sanmar Group

CESC LIMITED

SHANTHA
A SANOFI COMPANY

TATA CONSULTANCY SERVICES

Phillips Carbon Black Limited

Extramarks
Education Made Easy & Effective

INNORRAFT

EY

FREQUENT RECRUITERS

The Department also maintains an extensive, up-to-date network with a vast array of industries and corporate sectors, as summarized in the following list.

CSE/IT

Wipro, Infosys, Tech Mahindra, IBM, Ericsson, CTS, Learning Mate, EY, TCG Digital, Hansa Solution, Hexaware, Dabble Lab, TekSystem, Think & Learn, Alumnus Software , Innoraft, Abzooba, Prime Focus Technologies, Amazon, Paytm, Kreeti Technologies, Labvantage, Arodek, Kovair Software, Huwaei Technologies, Shri Ram Transport, Paytm, RJ Software, Delgence, Cloud Kaptan, Juspay, IT Services, Niveah Tech, East India Technosoft, Axis Bank, Apt Software, Calsoft, Sunquest, IMART Tech, Pratian Tech, Shri Ram , United Strings, Red Apple, Innofied Solutions, Delgence, Tranistics Data Tech, ThoughtClan Technologies, Hitachi Consulting, T-Web Exponent, Kalycito, OMICS International, Swiflearn, Mendine.

ECE

Wipro, Infosys, Tech Mahindra, IBM ,Ericsson, Innoraft, Abzooba, TekSystem, IMART Tech, CTS, EY, TCG Digital, Hansa Solution, Hexaware, ThoughtClan Technologies, Cloud Kaptan,

Think & Learn, Sunquest, Shri Ram, Pratian Tech, IT Services, Hitech Mobiles, RJ Software, United Strings, Indo Japan Horologicals Ltd, Juspay, Paytm, Prime Focus Technologies, Amazon, Kreeti, Labvantage, Arodek, Huwaei, Opto Marketing, Delgence, Axis bank, Johnson Control, Swiflearn.

CHE

Haldia Petrochemicals Ltd, SHV Energy, Berger Paints, Emami Agrotech, Emami cement, Topcem Cement, Wacker Metroak Chemicals, Linde India, GTZ Chemicals, ADANI Wilmer, SANMAR Group, Shantha Biotech, Virchow, Dhunseri Petrochemicals, Virchow Biotech, IMC logistics, AIMIL, IR Chemicals, Carbon Resources, Ishika Fertilizers, Wex Technologies, Mendine, DIACH Chemicals, ASG Biochem, Wipro, Infosys, Tech Mahindra, EY, TCG Digital, OMICS International, Oriental Nicco, Doctors Phenyle, Phoenix India, Choudhury Bitumen, Pratian Tech, Shri Ram Transport, MALLCOM, AB Polypacks, ARCL Organics, Good Earth environment, Minchi University, Polyplastics, Swiflearn.

BT

Shantha Biotech, Virchow Biotech, Zifo R&D, OMICS International, Chromous Biotech, GCC

Biotech, XCELERIS Labs , CG Foods, EFRAC, PAN Seeds, Dominos Pizza ,Infosys, Wipro, EY, TCG Digital, Biokart, Phoenix India, Genpact, Pratian Tech, Shri Ram Transport, RTS, Labvantage , Minchi University, Swiflearn.

PE

Cummins India Ltd, SHV Energy, KSE Electricals, IMC Logistics, Engineers & Developers, United Strings, Folk India, Asahi Glass, Lalbaba seamless tubes, Supreme Industries, Sri Kishan Foods, Nexgen Printers, Wipro, Infosys, Tech Mahindra, IBM, Jubilant Food works, EY, TCG Digital, PS Group, Pratian Tech, Shri Ram Transport, OMICS International, Minchi University, Swiflearn.

ME

SHV Energy, Tega Industries, Haldia Petrochemicals Ltd, Linde India, Voith Paper, TIL, Sanmar Group, Voltas, Topcem Cement, Fresenius Kabi, Cummins India Ltd, Asahi Glass, Titagarh Wagon, CESC, GVK EMRI, National Tobacco Corporation ,Simplex Infrastructure, KSE Electricals, IMC Logistics, EATON, SANMAR Group, Pinnacle, Oriental Nicco, OMICS International, Salagram Power, United Strings, Unimark International, Engineers & Developers, DEE Power, Shri Ram, Rhino Equipments, AB Polypacks, Rashmi Metaliks, Lalbaba

Seamless tubes , Supreme Industries, Aircon, Paharpur Cooling, Goyal Group, Wipro, Infosys, Tech Mahindra, EY, IBM , TCG Digital, Pratian Technologies, Minchi University, Swiflearn.

AEIE

Johnson Controls, Haldia Petrochemicals Ltd, Voith Paper, Linde India, Topcem Cement, India Power Corporation Ltd, Hitech Mobiles, Nextgen Printers, CS Automation, Industrial Handling, Indo Japan Horologicals, Innovius Research, OMICS International, Jubilant Foodworks, Phoenix India, Wipro, Infosys, Tech Mahindra, EY, IBM , TCG Digital, Hexaware, IMART Tech, Rudder Analytics, Shri Ram Transport, Powertronix, Pratian Technologies, Minchi University, Swiflearn.

ICE

Johnson Controls, Haldia Petrochemicals Ltd, Voith Paper, Linde India, Topcem Cement, India Power Corporation Ltd, Hitech Mobiles, Nextgen Printers, CS Automation, Industrial Handling, Indo Japan Horologicals, Innovius Research, OMICS International, Jubilant Foodworks, Phoenix India, Wipro, Infosys, Tech Mahindra, EY, IBM , TCG Digital, Hexaware, Rudder Analytics, IMART Tech, Shri Ram Transport, Powertronix, Pratian Technologies, Minchi University, Swiflearn.

EE

Calcutta Electric Supply Corporation(CESC), Linde India, Voith paper, SHV Energy, Voltas, Haldia Petrochemicals Ltd, Topchem Cement, IMC logistics, Asahi Glass, PAHARPUR Cooling, Pinnacle, Usha Capacitors Ltd, Eldyne Electro Systems , Aircon, Megatherm, RTS Power, Johnson Control, Oriental Nicco, Last Peak, Phoenix India, RSM Projects, Tulsi, Indo Japan Horologicals Ltd, Shri Ram Transport, Wipro, Infosys, Tech Mahindra, EY, IBM , TCG Digital, Pratian Tech, Jubilant Food works, Minchi University, Swiflearn.

CE

Simplex Infrastructure, SHV Energy, Haldia Petro Chemicals Ltd, ABCI Infrastructure, Nu Calcutta Construction, Infosys, Oriental Nicco, PS Group, Pinnacle, Unique Construction, RMC Ready Mix, Stup Consultancy, SPD construction, Dynamic Projects, Royal Infraconstru, Rahee Infratech, Trans Concrete, Jyoti Roy & Associates, Pratian Tech, Shri Ram Transport, MN Consultant, R.P. Nirman, Bose Engineers, Premco, Sinha & Associates, Lincon Engineering, Rashmi Metaliks, Ghosh Bose & Associates, Contemporary Group, Wipro, Infosys, EY, TCG Digital, Swiflearn.

MBA

VIVO Communications, Bengal Beverages(COCA COLA), SRMB, Justdial, Paytm, Last Peak, DEE Power, HSBC Bank, Folk India, Karvy, DSR

Genome, Cease fire Industries Ltd, Allied Analytics LLP, UAE Exchange, Axis Bank, Vyrazu Labs, Eldyne, OMICS International, Shri Ram Transport, Swiflearn.

MCA

Infosys, Tech Mahindra, IBM , TCG Digital , Hansa Solution, Hexaware, ThoughtClan Technologies , Amazon, ARODEK, Sunquest, Eastern India Technosoft, Cloud Kaptan, T-Web Exponent, Prime Focus Technologies, Pratian Technologies, Kreeti Technologies, Learning Mate, Delgence, Softnest, Sandgate Solutions, SNAP Tech, IT Services, Tranistics Data Solutions, WRC Technologies, Matrix Media, Swiflearn.

FT

Adani Wilmer , Bengal Beverages(Coca Cola) , Nestle, Zifo R&D, Kaventer Agro, Diamond Beverages, Bisk Farm, Fritoley, Emami, Fare Labs, Parle, CG Foods, EFRAC, OMICS International, Shree Kishan Foods, Jubilant Foodworks, , Bhagwati foods, ITC Foods, Pamper Fresh oven Foods, Nobisco Biscuits, Wipro, Infosys, EY, TCG Digital, Swiflearn.

N RAGGING

Ragging is a punishable offense and is strictly prohibited at Haldia Institute of Technology. The Institute maintains a constant vigil through its Anti-ragging Committee and Anti-ragging Squad routinely active throughout the campus. Anyone found guilty of ragging and/or abetting ragging, is liable to be punished, as per the verdict of the Honourable Supreme Court of India.



HALDIA INSTITUTE OF TECHNOLOGY

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