

NEW HORIZON EDUCATION SOCIETY, NAVI MUMBAI'S

## **EW HORIZON**

INSTITUTE OF TECHNOLOGY & MANAGEMENT

KAVESAR, ANAND NAGAR, GHODBUNDER ROAD, THANE

ENGINEERING | RESEARCH | INNOVATION | INCUBATION

APPROVED BY

AICTE and DTE

AFFILIATED TO

**University of Mumbai** 

ACCREDITED BY NAAC with Grade A

THE PERFECT ENGINEERING COLLEGE IN THANF TOWN

NHITM's Engineering Degree Programs 540 INTAKE

COMPUTER ENGINEERING 180

artificial intelligence and data science  $120\,$ 

INFORMATION TECHNOLOGY 60

COMPUTER SCIENCE AND DESIGN 60

CIVIL ENGINEERING 60

30 MECHANICAL ENGINEERING

MECHATRONICS ENGINEERING 30



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# THE NHITM STORY

New Horizon Institute of Technology and Management (NHITM) is the brainchild of the visionary Founder Dr. Subir Kumar Banerjee who envisioned to lay the foundation of an acme of educational distinction; an institution to foster technical education par excellence for young minds ready to spread their wings and establish themselves in the technological sphere. With an ideal foundation of NHITM under the patronage of New Horizon Education Society, which was an already established and reputed academic institute conglomerate providing pre-primary, primary and secondary education to children from pre-nursery to class twelth board in various parts of Mumbai and the suburbs.

NHITM was incepted in 2014 with core branches of Computer Engineering, Civil Engineering, Mechanical Engineering, Mechatronics Engineering and Electrical Engineering, with a promise to keep growing constantly with a clear vision, as excellence in academics is the hallmark of any good institution.



NHITM affiliated to the University of Mumbai is in its eleventh year of academic journey. Aligning courses with industry needs, integrating emerging technologies, and fostering interdisciplinary learning the Institute introduced newer branches like Artificial Intelligence and Data science, Computer Science and Design, and Information Technology. Further, NHITM, which achieved NAAC accreditation with an A grade, was a remarkable milestone for our institution, reflecting its commitment to academic excellence, infrastructure development, and student-centric learning. This recognition signifies that the institute has met high standards in academics, faculty expertise, research output, and governance.

## **NHITM Graduate Programs**

CATALOGUE OF ENGINEERING DEGREE PROGRAMS

#### **Computer Engineering**

180

Computer engineering integrates several domains of computer science required to develop computational solutions for the software industries. It offers varied career paths in both software engineering and hardware development. each of which drives computing advances in industries ranging from aerospace to healthcare.

#### Artificial Intelligence & Data Science

120

The specialized and the most trending Engineering stream, Artificial Intelligence and Data Science is the future of technology which is changing the world at a very high pace. This is an exciting time to be a part of this AI transition. A career in Artificial Intelligence and Data Science opens a plethora of exciting opportunities across industries.

#### **Computer Science and Design**

60

This program is confederate to Computer Engineering, which not only focuses on computing technologies, software, programming and tools but also incorporates various design methods and interactive approaches. The program will prepare students to work in IT industry as well as digital media industry like gaming, animation, virtual/augmented reality, etc.

#### **Information Technology**

60

Information Technology focuses on the application of computer systems to process, store, transmit, and manage information efficiently. This program promises immense potential for students with career opportunities across a wide range of fields due to its interdisciplinary applications and increasing demand for tech-driven solutions.

#### **Civil Engineering**

60

This program offers academic training in theory and practical domain, to deal with planning, designing, constructing, maintaining, operating infrastructures while protecting the public and environmental health, as well as improving existing infrastructures that have been neglected.

#### **Mechanical Engineering**

30

A professional program that helps students to understand the working mechanisms of heavy machines, their design, analysis, manufacturing and maintenance of mechanical systems. Mechanical Engineering is one of the specialisation of engineering which deals with machines; their production, design, and operation.

#### **Mechatronics Engineering**

30

Mechatronics is developed in direct response to industrial demand for Engineers with multidisciplinary skills and is a combination of Mechanical, Electronics, Computer and Systems Design streams. Mechatronics is a multidisciplinary field that refers to the skill sets needed in the contemporary, advanced automated manufacturing industry.

## Learn & THRIVE

We are constantly developing our campus to suit the needs of our students. Being at NHITM is a unique opportunity to develop yourself. It is a time when you can reflect on your interests, values, and what you are passionate about to discover and develop, who you are and how to be your personal best.

## Infrastructure & LIBRARY

The magnificent and massive structure offers a modernised and ambient exterior view that fosters intellectual thinking and an academic approach. The various laboratories are well-equipped with latest equipment and the classrooms with all educational aids that meet the highest quality of prerequisites. NHITM is facilitated with a spacious, sprawling, well-furnished library with a rich collection of books of all available disciplines of Technology. The reading area of the library is colossal & airy endowing a tranquil, serene & quiet environment suitable for single-minded & intense study for the students.

## **Industry** ENGAGEMENT

NHITM closely coordinates with the core industries for implanting field training and industrial visits. Students are trained by experts from the industries on trending technologies. We have signed MOU's with various leading Industries to provide refined engineering talent. NHITM also organizes job fair every year, connecting students with potential employers.









## **Student** SUPPORT

NHITM provides guidance for overseas education through dedicated counseling to expose students to global academic options. NHITM regularly organizes Global University Fairs on campus, providing students with the opportunity to connect directly with representatives from renowned universities across the USA, UK, Canada, Australia, Germany, and other countries. These fairs offer valuable insights into international academic programs, admission procedures, scholarships, and visa requirements. Students can attend informative sessions, interact with university delegates, and explore a wide range of undergraduate and postgraduate options. The event also includes guidance from experienced counselors and alumni, helping students make well-informed decisions about pursuing education abroad and shaping a successful global career.





The T&P Department works with a firm motto to nurture and refine the technical and aptitude skills of students and make them placement ready for the corporate world. The students are provided with opportunities to work with the reputed companies through on-campus and campus recruitment drives across for various Placement is Engineering programs. part of our institution constantly striving to place students in their exact altitudinal areas.





### **Student** TESTIMONIAL

"Choosing to study at NHITM has been one of the best decisions of my life. The academic environment here is truly inspiring, with supportive faculty, and an inclusive curriculum. All this inspired me to set my own startup"



Adwait Anupam Sawant Founder, Finfreetech Computer Engineering Class of 2022

"The training and placement support at NHITM played a crucial role in shaping my career, securing a great opportunity in a leading company with a competitive package"



Asmita Sushil Gharat IBM Recruit through campus Artificial Intelligence & Data Science Class of 2024

"Studying at NHITM has been a transformative journey. The program specific technical knowledge, was incredibly valuable with hands-on experience made complex concepts easier to understand "



Mayank Nitesh Patel
M.Tech Aerospace Engineering
Ivl Alpha, A defense tech company
Mechatronics Engineering
Class of 2023

"My academic experience at NHITM gave me a strong foundation, but I always aspired to deepen my knowledge, so I successfully transitioned to my master's program, where I am now exploring advanced concepts."



Devang Mahesh Mahimkar Masters in Business Analytics Macquarie University, NSW, Australia

Artificial Intelligence & Data Science Class of 2024



## A Decade of Excellence in Engineering Education

Since 2014

We are committed to the cause of imparting global standard education through resourceful faculty, innovative teaching-learning process, industry-institute nexus, and sound infrastructure. NHITM offers a wide catalogue of Impact driven Engineering Programs to cater to the ever changing needs of the Industry.

'Innovation, project based learning and Outcome based Education' has always been our mantra, with the vision and mission of providing quality engineering education in total sync with the industry and the trending technologies.

