SHAPING ENGINEERS
BUILDING FUTURES
SINCE 2007

NHIT

DIPLOMA & ITI COLLEGE

APPROVED BY AICTE & AFFILIATED TO WBSCT&VE&SD
AN ISO 9001:2015 CERTIFIED

Courses Offered By NHIT

Why Diploma ?

- ***Practical Skills:*** Emphasizes hands-on training and real-world applications, preparing students for technical roles in various industries.
- ***Short Duration:*** Typically completed in three years, allowing quicker entry into the workforce compared to traditional degrees.
- ***Cost-Effective:*** Generally more affordable than four-year degrees, making it accessible for many students.
- ***Industry-Relevant Curriculum:*** Courses are designed to meet current industry standards, ensuring graduates are job-ready.
- ***Career Opportunities:*** Opens doors to various technical positions and provides a solid foundation for further education and career advancement.

Diploma Courses

- **Automobile Engineering**
- **Computer Sc. & Technology**
- **Civil Engineering**
- **Electrical Engineering**
- **Electronics & Tel. Engineering**
- **Mechanical Engineering**

ITI Courses

- **Fitter**
- **Electrician**
- **Welder**
- **Smart Phone and App Tester**

Why Choose Us

- NHIT offers state-of-the-art facilities for practical training in engineering fields, enhancing students' hands-on skills
- Industry-experienced faculty at NHIT provide valuable insights and mentorship, preparing students for real-world challenges.
- NHIT's curriculum is updated regularly to align with industry trends
- The institute fosters a conducive learning environment with modern classrooms, labs, and resources for comprehensive education.
- NHIT's strong industry connections facilitate internships, projects, and placements, enhancing students' career prospects and industry readiness.

Special Approval from AICTE for Admission of Working Professionals in Diploma Engineering(Mechanical, Electrical) Both Government and Non-Government staffs

Get in touch with us +91 9800571423 nhit@nhit.in

FROM THE PRINCIPAL DESK

As the principal of NHIT, I am committed to fostering a learning environment that prioritizes excellence, innovation, and holistic development. Our institute values not only academic achievement but also personal growth and industry readiness. We strive to equip our students with the skills, knowledge, and confidence needed to succeed in their chosen fields. Through quality education, industry-aligned curriculum, and comprehensive mentoring, we aim to nurture well-rounded individuals capable of thriving in dynamic professional landscapes. At NHIT, we believe in empowering futures and shaping leaders who will make a positive impact on society.

Sandip Hazra- Principal NHIT

ACADEMIC EXPERTS OF NHIT

VISION & MISSION:

To be a pioneering institution that nurtures innovative minds, fosters technological excellence, and empowers individuals to contribute significantly to the global community.

1. Academic Excellence: Strive for academic excellence by providing cutting-edge education, fostering a culture of research, and promoting interdisciplinary collaboration.
2. Holistic Development: Cultivate an environment that promotes not only academic growth but also the overall development of students, including ethical values, leadership skills, and a sense of social responsibility.
3. Industry Integration: Foster strong ties with industries, enabling students to gain practical exposure, industry-relevant skills, and a seamless transition into professional roles.
4. Innovation and Entrepreneurship: Encourage a spirit of innovation and entrepreneurship among students, inspiring them to create, innovate, and contribute to technological advancements and societal well-being.

SERVING COMMUNITY

SINCE 2007

AUTOMOBILE ENGINEERING

Diploma in Automobile Engineering equips students with skills in automotive design, maintenance, manufacturing, and quality control for industry roles.

What specialty we have

1. Advanced Automotive Labs: NHIT boasts state-of-the-art laboratories equipped with cutting-edge automotive technology for hands-on learning.
2. Industry-Aligned Curriculum: Our curriculum is designed in collaboration with industry experts to ensure graduates meet industry demands and standards.
3. Internship Opportunities: NHIT provides extensive industry exposure through internships with leading automotive companies, enhancing students' practical skills and employability.

What is the Future Being an Automobile Engineer.

- Automotive Technician: Perform maintenance, repairs, and diagnostics on vehicles, specializing in mechanical and electrical systems.
- Quality Control Inspector: Ensure vehicles meet quality standards through inspections, testing, and adherence to regulations.
- CAD Designer: Utilize computer-aided design software to create detailed blueprints and models for vehicle components and systems.
- Production Supervisor: Oversee assembly lines, ensuring efficient production processes and quality control measures in automobile manufacturing.
- Service Advisor: Assist customers with vehicle issues, provide technical advice, and coordinate repair and maintenance services at automotive service centers.

CIVIL ENGINEERING

Diploma in Civil Engineering equips students with skills in structural design, construction management, and infrastructure development for industry.

What specialty we have

1. Structural Engineering Focus: NHIT offers specialized courses and projects in structural analysis, design, and construction for aspiring civil engineers.
2. Infrastructure Development: Emphasis on planning, designing, and managing sustainable infrastructure projects aligned with industry standards.
3. Industry Connections: Collaborations with leading construction firms and government agencies provide practical insights and internship opportunities for hands-on experience.

What is the Future Being an Civil Engineer.

- Site Engineer: Oversee construction projects, ensuring adherence to plans, quality standards, and safety regulations on-site.
- Draftsman: Create detailed technical drawings using CAD software for construction projects, assisting engineers and architects.
- Quantity Surveyor: Estimate and manage costs for materials, labor, and equipment on construction sites, ensuring budget control.
- Surveying Technician: Conduct land surveys, measurements, and mapping for construction and development projects.
- Building Inspector: Inspect structures for compliance with building codes, regulations, and safety standards during construction and renovations.

COMPUTER SC. & TECHNOLOGY

Diploma in Computer Science and Technology covers programming, networking, cybersecurity, and system administration for industry relevance.

What areas of expertise set us apart

1. **Cutting-edge Curriculum:** NHIT offers courses in AI, cybersecurity, and cloud computing to prepare students for modern tech careers.
2. **Industry Partnerships:** Collaborations with IT companies Like CMS IT Services, Wipro, L&T Technology, provide real-world projects, internships, and job placement opportunities.
3. **Hands-on Training:** Well-equipped 1:1 computer labs and workshops allow students to gain practical skills in software development, networking, and system administration.

What is the Future Being an Computer Sc. & Tech Engineer.

- Software Developer: Design, code, test, and maintain software applications for various platforms and industries.
- Network Administrator: Manage and secure computer networks, troubleshoot connectivity issues, and ensure data protection.
- Cybersecurity Analyst: Protect systems and networks from cyber threats, conduct risk assessments, and implement security measures.
- Database Administrator: Design, maintain, and optimize databases, ensuring data integrity, availability, and performance.
- System Support Specialist: Provide technical assistance, troubleshoot hardware and software issues, and maintain IT systems for organizations.

ELECTRONICS & TEL ENGG.

Diploma in Electronics & Telecommunication Engineering covers circuit design, communication systems, digital electronics, and microprocessors for industry

What areas of expertise set us apart

1. **Cutting-edge Labs:** NHIT boasts modern labs equipped for electronics design, telecommunications, and signal processing experiments.
2. **Focused Curriculum:** Our program emphasizes areas like wireless communication, digital circuits, and embedded systems for practical skills.
3. **Industry Connections:** Collaborations with leading telecommunication companies offer insights, internships, and job prospects aligned with industry trends.

What is the Future Being an Electronics & Tel. Engineer.

- Telecommunication Engineer: Design, implement, and maintain communication networks such as cellular, satellite, and optical systems.
- Electronics Technician: Troubleshoot and repair electronic equipment, components, and systems in various industries.
- Embedded Systems Developer: Design and program embedded systems for devices like smartphones, IoT devices, and industrial automation.
- Broadcast Engineer: Maintain and operate broadcasting equipment for radio, television, and multimedia production.
- Telecom Sales Engineer: Provide technical expertise and support to sales teams, demonstrating telecom products and solutions to clients.

ELECTRICAL ENGINEERING

Diploma in Electrical Engineering covers power systems, electronics, control systems, and renewable energy for industry applications.

What specialized areas do we excel in

1. **Advanced Laboratories:** NHIT offers cutting-edge labs for power systems, electronics, and renewable energy, enhancing practical skills.
2. **Industry-Relevant Curriculum:** Specialized courses cover automation, control systems, and renewable energy technologies for career readiness.
3. **Industry Partnerships:** Collaborations with electrical companies provide internships, projects, and job placement support for real-world experience and career growth.

What is the Future Being an Electrical Engineer.

- Power Systems Engineer: Design, maintain, and optimize electrical power distribution systems for homes, buildings, and industries.
- Electronics Technician: Troubleshoot and repair electronic devices, control systems, and industrial machinery components.
- Renewable Energy Specialist: Develop and implement systems for solar, wind, and hydroelectric power generation and distribution.
- Automation Engineer: Design and implement automated systems for manufacturing processes, robotics, and control systems.
- Field Service Engineer: Install, maintain, and troubleshoot electrical equipment and systems at various job sites like power plants or construction sites.

MECHANICAL ENGINEERING

Diploma in Mechanical Engineering covers thermodynamics, machine design, manufacturing processes, and robotics for industrial applications.

What specialized areas do we excel in

1. State-of-the-art Workshops: NHIT provides modern workshops for machining, CAD/CAM, and High end software skill like Autocad, Solidworks, enhancing hands-on skills.
2. Industry-oriented Curriculum: Specialized courses cover mechatronics, thermal engineering, and manufacturing processes, ensuring industry relevance.
3. Industry Collaborations: Partnerships with manufacturing firms offer internships, projects, and career opportunities for practical experience and growth.

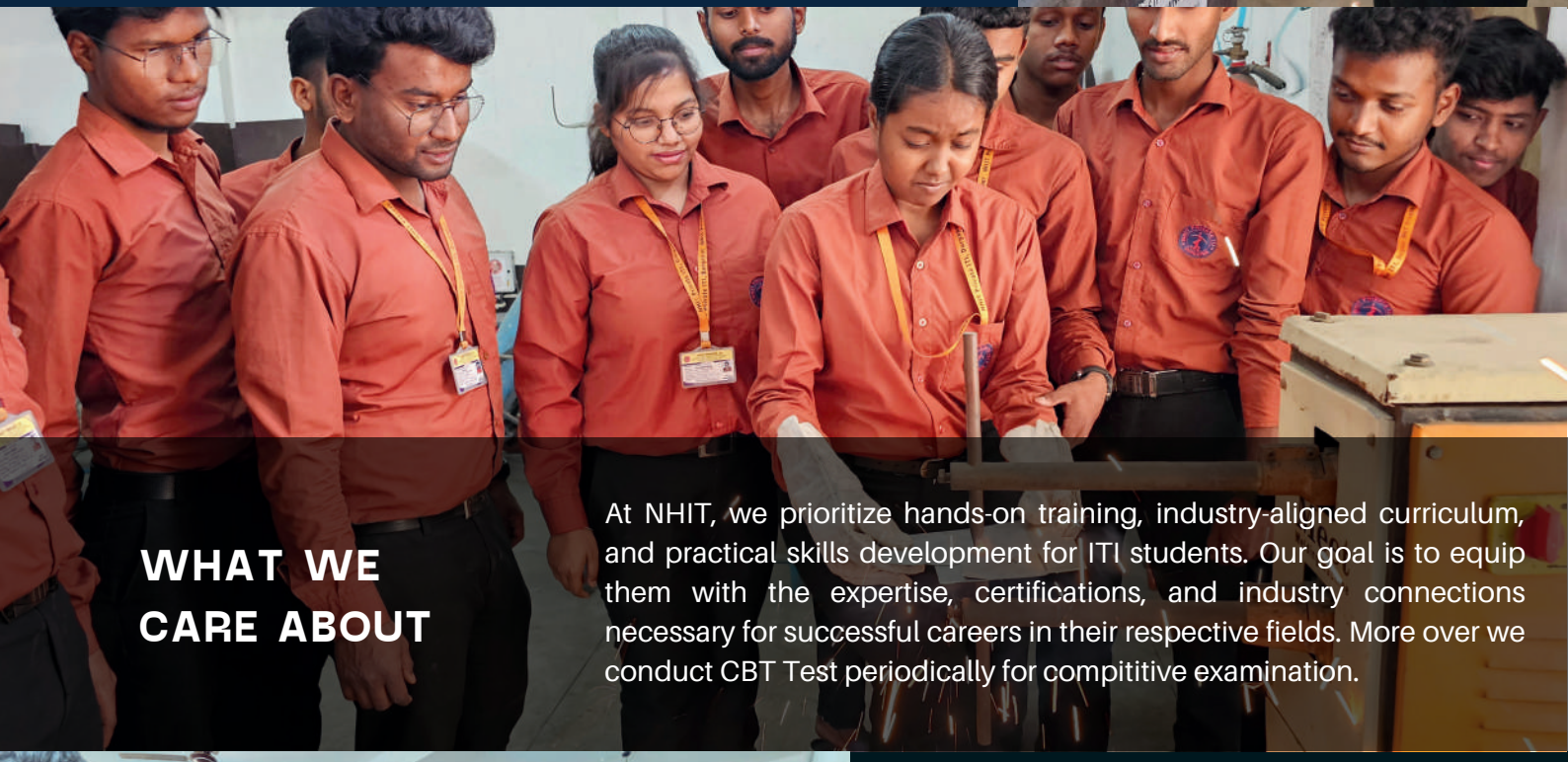
What is the Future Being an Mechanical Engineer.

- Mechanical Designer: Create and optimize mechanical systems, components, and products using CAD software.
- Manufacturing Engineer: Plan and oversee production processes, ensuring efficiency, quality, and cost-effectiveness in manufacturing.
- Maintenance Technician: Troubleshoot and repair mechanical equipment, machinery, and systems in various industries.
- Quality Control Inspector: Ensure products meet quality standards through inspections, testing, and adherence to regulations.
- Project Engineer: Lead teams in planning, executing, and managing mechanical engineering projects, from design to implementation.

NHIT PRIVATE ITI

ITI courses in Fitter, Electrician, and Welder offer hands-on training in mechanical assembly, electrical systems, and welding techniques, preparing students for skilled roles in manufacturing, construction, and related industries.

- **Fitter Technician:** As an ITI Fitter, you can work as a skilled technician assembling and maintaining machinery, equipment, and mechanical systems in industries like manufacturing, automotive, and construction.
- **Electrician Technician:** As an ITI Electrician, you can pursue careers in electrical installation, maintenance, and repair across various sectors such as construction, manufacturing, and utilities.
- **Welding Specialist:** As an ITI Welder, you can specialize in welding techniques for metal fabrication, construction, automotive, and aerospace industries, ensuring structural integrity and quality in welded components.



WHAT WE CARE ABOUT

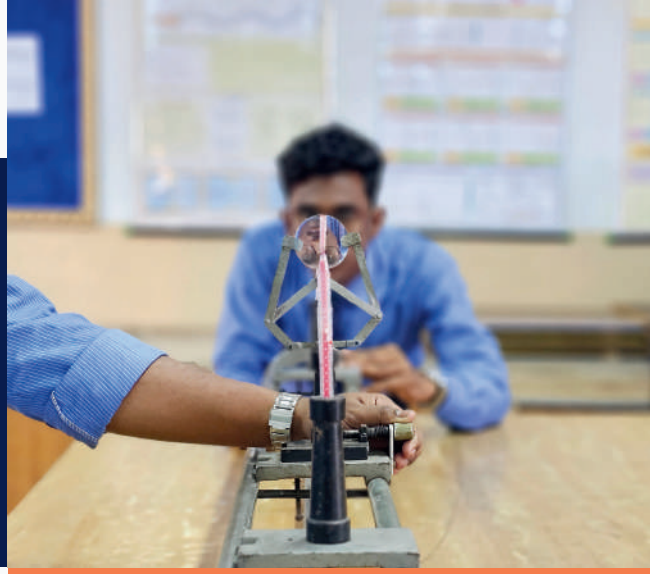
At NHIT, we prioritize hands-on training, industry-aligned curriculum, and practical skills development for ITI students. Our goal is to equip them with the expertise, certifications, and industry connections necessary for successful careers in their respective fields. More over we conduct CBT Test periodically for compititive examination.

- **Smartphone and App Tester:** As an ITI specialized in smartphone and app testing, you can ensure the functionality, performance, and user experience of mobile devices and applications across various industries, contributing to product quality and customer satisfaction.

Training & Placement

Set your Goals

We help you to achieve it.



Our Training & Placement Associates

Our placement partners are essential pillars of support in our mission to empower students with practical skills and industry insights. They highlight our students' adaptability, teamwork, and problem-solving abilities as key strengths that align well with the dynamic demands of today's workplaces.

The positive feedback from our esteemed placement partners underscores the effectiveness of our training programs and the high caliber of talent we nurture. It also strengthens our commitment to fostering enduring partnerships that benefit both our students and industry collaborators alike.

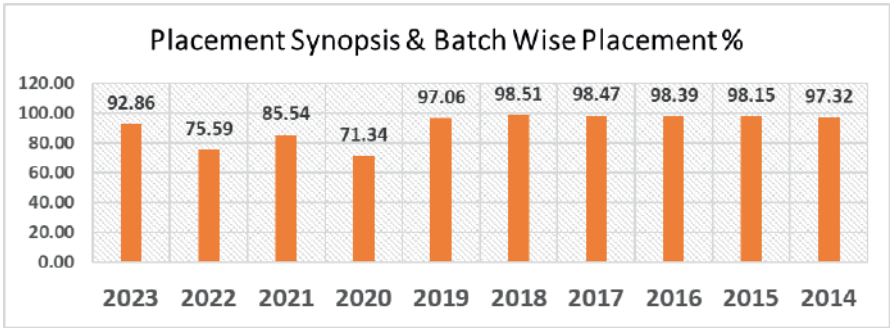
Human Resource and Corporate Relations Dept

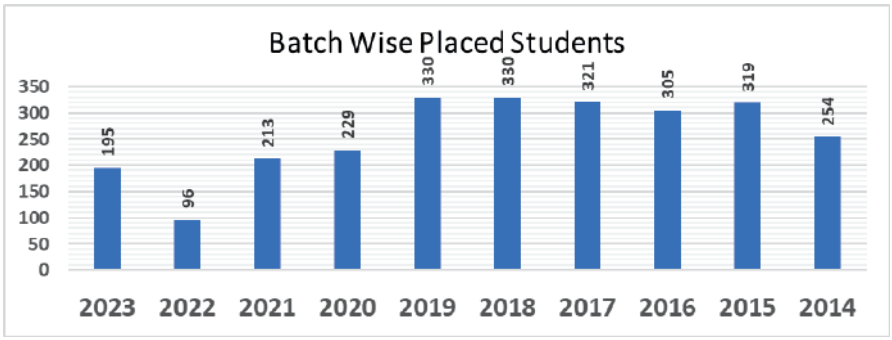
NHIT, since at its inception on 2007, might be the pioneer to introduce HR department inside an academic institution in eastern India. From the very first day we had a mission to serve the institution implementing quality human resource services. & retaining the diverse & talented man power. Our vision to enhance the college's ability and notion proved to be a panacea against all odds through proper planning & implementation.

Key Responsibilities of HR&CR Dept: Students Upgradation Program, Making Corporate Tie up for Betterment of The Students' Placement Record, Managing web based ERP system, Payroll and employee & students database.

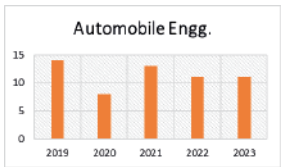
NHIT's Proud Accomplishments and Glimpse of Few Successful Candidates from Their Workplace (Govt. & Private)

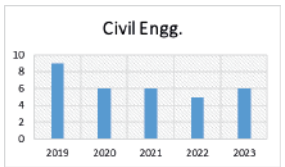
We ignite your career journeys through best campus placement

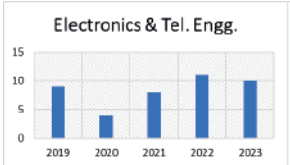


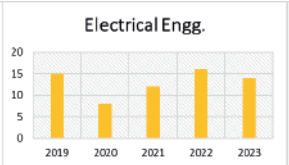


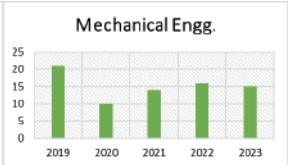
Company Visited, Last 5 Years Dept. Wise











AVG 85 % Placement Till Date

What We Care About at NHIT?

Mentoring & Counseling

- Personalized guidance for career success.
- Emotional support during academic challenges.
- Encouragement for setting and achieving goals.
- Feedback for continuous improvement and growth.

Quality Education and Training

- Experienced faculty ensuring excellence
- Updated curriculum for relevance.
- Practical training for real-world skills.
- Modern facilities aiding learning with AV classrooms.
- Access of 17000 + Books at Library

Industry Relevance in Curriculum

- Current industry trends incorporated
- Practical projects mirroring real-world scenarios.
- Guest lectures from industry experts.
- Internships for hands-on experience.

Personality Development, Mock Interviews and Software Skills

- Communication skills enhancement workshops
- Mock interviews for practical experience.
- Confidence-building sessions for self-assurance
- High end software skills like AutoCAD, Ravit, CATIA, Solid Works, Languages Like Python, PHP, C++ and many more..

Contact Placement Cell

7407294943

hrcr@nhit.in

CAMPUS LIFE AT NHIT

CULTURAL FEST

NHIT's Cultural Fest is an annual celebration of diversity, talent, and creativity. This vibrant event brings together students, faculty, and staff to showcase their cultural heritage through music, dance, drama, and art performances. Participants from different backgrounds collaborate to organize engaging activities such as traditional food fairs, fashion shows, and cultural exhibitions.

The fest promotes inclusivity, mutual respect, and appreciation for various traditions and art forms, fostering a sense of unity among the NHIT community. It also provides a platform for students to develop leadership, teamwork, and event management skills. With colorful decorations, lively performances, and enthusiastic participation, NHIT's Cultural Fest creates memorable experiences and strengthens bonds across the campus, enriching the overall educational experience for everyone involved.

TECH FEST

NHIT's Technical Fest is an exhilarating showcase of innovation and ingenuity. Students unleash their technical prowess through competitions like robotics challenges, coding marathons, and engineering project exhibitions. Industry experts share insights through seminars and workshops, enriching students' knowledge. The fest fosters collaboration, problem-solving, and networking, preparing students for real-world tech challenges. NHIT's Technical Fest is a platform to celebrate tech excellence and inspire future innovations.

SPORTS THROUGHOUT YEAR

NHIT promotes a vibrant sports culture with diverse teams competing in various disciplines. Students engage in rigorous training, friendly matches, and intercollegiate competitions, fostering teamwork, discipline, and physical well-being.

GLIMPSE OF ADVANCED CAMPUS

Automobile Engineering Labs

1. Automotive Engine Lab: Study and test engine performance.
2. Garage Practice Lab: Repair and maintenance of Vehicle.
3. Automotive Electrical & Electronics Lab: Explore wiring, lighting, and electronics.
4. Automotive Power Train Lab: Study Power Transmission of Vehicles.
5. Automotive Chassis Lab: Study chassis design and suspension systems.
6. Driving Practice Lab: To learn Driving.

Mechanical Engineering Labs

1. Thermal Engineering Lab: Study heat transfer and energy systems.
2. Fluid Mechanics Lab: Analyze fluid behavior and flow rates.
3. Material Testing Lab: Test material properties and strength.
4. Machine Shop & CNC Lab: Hands-on training with machining tools.
5. CAD/CAM Lab: Design and manufacturing using CAD/CAM software.
6. Metrology Lab: Study automation and robotic systems.

Electrical Engineering Labs

1. Electrical Circuits & Network Lab: Check the quality of non-destructive concrete material & Road materials.
2. Power Systems Lab: Study power generation and distribution.
3. Electrical Machine Lab: Experiment with different types of AC & DC Machines
4. Electrical & Electronics Measurment Lab: Equipped with different electrical measuring and testing instruments.
5. Power Electronics & Drives Lab: Application of power Electonics switches to control machines.
6. Renewable Energy Lab: Study solar and wind energy systems.

Civil Engineering Labs

1. Concrete Road Material Testing Lab: To check the quality of Non-destructive concrete materials & Road materials
2. Geotechnical Engineering Lab: Analyze soil properties for construction.
3. Surveying Lab: Practice land surveying and measurements.
4. Environmental Engineering Lab: Study water and wastewater treatment processes.
5. Concrete Lab: Test properties of concrete and materials.
6. Hydraulics Lab: Experiment with fluid mechanics and hydraulics.

Electronics & Tel. Engineering Labs

1. Electronics Devices & Circuits Lab: Work with amplifiers and analog circuits.
2. Digital Electronics Lab: Study logic gates and digital circuits.
3. Communication Systems Lab: Explore wireless communication and signal processing.
4. Microprocessor & Microcontroller Lab: Study of different applications of Microprocessor & Microcontroller.
5. Embedded Systems Lab: Develop and program embedded microcontrollers.
6. Control Systems Lab: Explore control theory and applications.

Computer Science & Technology Labs

1. Programming Lab: Practice coding in various languages.
2. Hardware & Networking Lab: Study network protocols and security measures.
3. Database Lab: Design and optimize database systems.
4. Cybersecurity Lab: Explore ethical hacking and cryptography.
5. AI and Machine Learning Lab: Develop AI and machine learning algorithms.
6. Software Engineering Lab: Work on software design and testing.

THE NEW HORIZONS INSTITUTE OF TECHNOLOGY

Phase II, City Center, South G.T. Road, Near Gandhi More, Durgapur 713208 West Bengal
nhit@nhit.in || www.nhit.in
+91 9800571423 / +91 9332038490
(0343) 254103