

BROCHURE



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NHEI

New Horizon Educational Institution

Established in the year 1970, is dedicated to creating the leaders of tomorrow. NHEI has a glorious history of 50 years as one of the most premium institutions in the country, providing quality holistic education ranging from Kindergarten up to PhD. The institution has tie-ups with various MNCs, international universities and also boasts of numerous Centres of Excellence within the campus, to provide a comprehensive multi disciplinary platform to all the students to empower them to reach their pinnacle of knowledge.

The Government of Karnataka has conferred the prestigious Karnataka Rajyotsava State award for the year 2012 to New Horizon Educational and Cultural Trust for outstanding contribution in the field of education and social service in the state of Karnataka.

NHCE

New Horizon College of Engineering

Established in 2001, is an autonomous college permanently affiliated with Visvesvaraya Technological University (VTU), approved by the All India Council For Technical Education (AICTE) & University Grants Commission (UGC). It is accredited by NAAC with an 'A' grade and all UG courses are accredited by the National Board of Accreditation (NBA).

NHCE offers a variety of Undergraduate, Postgraduate, Professional, and Research Programs. The campus is surrounded by major information technology giants like Intel, Accenture, Capgemini, Xperi, Sequoia, Oracle, Waters, LG soft india, Western Digital, Lenovo, Visa, Morgan Stanley, Cisco, JP Morgan, fostering an environment conducive to personal, intellectual, and professional growth.

Electrical & Electronics Engineering

Employment Centric Syllabus Designed As Per Industry Expectations

Sl. No	Academic Features	SEM
1.	BE Degree (Visvesvaraya Technological University)	I-VIII
2.	Membership in "INDIAN SOCIETY FOR TECHNICAL EDUCATION" / IEEE Membership	III-VIII
3.	Student Industry-Institute Initiative: Industrial Visit	III-VIII
4.	Student Enrichment Initiative: Guest lectures by eminent industry experts	III-VIII
5.	Student Enrichment Initiative: Organizing workshops on recent trends	III-VIII
6.	Student Development Initiative: Technical Students Symposium/Conference	III-VIII
7.	Organizing seminars on recent developments	III-VIII
8.	Enabling & encouraging students to participate & present papers in National & International Seminars/Conferences	III-VIII
9.	Enabling and supporting students to publish Patents through college IPR cell	III-VIII
10.	Resume writing workshop (Industry Oriented)	VI-VIII
11.	Students Career Support Initiative: Placement Training	VI-VIII
12.	Student Development Initiative: Coaching & Remedial classes	I-VIII
13.	Student Competitiveness Development Initiative (Intra College): Enabling & encouraging students to prepare & participate in various In-house competitions	I-VIII
14.	Student Competitiveness Development Initiative (Inter College): Enabling & encouraging students to prepare & participate in various Inter-Collegiate & Inter University competitions	I-VIII
15.	Student Development Initiative: Mentoring	I-VIII
16.	Student Special Initiative: Mock viva-voce	I-VIII
17.	Student Development Initiative: Professional Student counseling	I-VIII
18.	Student Support Initiative: Guidance for education loans & bank formalities	II-VIII
19.	Enabling & encouraging students to prepare and appear for NPTEL MOOC certification course	I-VIII
20.	Student club activities	I-VIII
21.	Mandatory internship to equip students with practical knowledge and provide them exposure to real-time industrial environments	I-VIII
22.	Flexibility to the students in terms of Professional elective and Open elective courses, relevant to chosen specialization/branch	I-VIII

Note: * International Student Exchange Program is offered to meritorious students at actual costs

* Foreign Language - French / German / Japanese (Any one only) at actual costs

Industry Certification Courses Common to all **B.E.** Courses

Domain Specialization	Technology Course 1 (Foundation) (60hrs)	Technology Course 2 (Advanced) (60hrs)	Job Opportunities
	Industry Certification Training +Exam (in 4th and 5th Semester)	Training for Industry Certification (in 6th and 7th Semester)	
DevOps	Microsoft Certified: Azure Developer Associate	Microsoft certified Designing and Implementing DevOps Solutions	DevOps Engineer in MNC like Goldman Sachs, Altran, Seimens,Capgemini Technology Services, TCS,HCL
Ethical Hacking and Forensic Investigator	EC-Council Certified Ethical Hacker (CEH)	Forensic Investigator Certification	Security Architect, Chief Information Security Officer (CISO), Security Analyst, Cyber Security Lead in Applied Systems, General Motors, Sony Electronics , Verizon Systems,
Tableau	Tableau Desktop Specialist	Tableau Certified Data Analyst	Data Analyst, Data Scientist, Business Analyst, Business Intelligence Analyst, Business Intelligence Developer, Business Intelligence Manager in KPMG, Deloitte, IBM, Wells Fargo, Accenture
AWS Cloud Architect	AWS Certified Cloud Practitioner	AWS Certified Solutions Architect	AWS Cloud Architect in Wipro, Infosys, MindTree
Full Stack Development	IBM Full Stack Software Developer Professional Certificate		Full Stack Developer, Software Engineer, Automation Engineer in MNC
Front End Verification of Digital VLSI Design	System Verilog training & Coursera Certification Program	Universal Verification Methodology (UVM) training	System Verilog Engineer, SoC Engineer, Design Verification Engineer in Intel
Embedded Systems Essentials with ARM and IoT Applications	ARM Certification Embedded Systems Essentials with ARM: Getting Started	ARM Certification Embedded Systems Essentials with ARM: Get Practical with Hardware	Embedded Software Engineer, Embedded Test Engineer,ARM Embedded Designer, ARM Embedded Developer
Digital Manufacturing Technologies	Microsoft Certified: Azure Developer Associate	Bosch Certification on Autotronics	Robotics Engineer, Mechanical Design Engineer, System & Solution Engineer-Manufacturing Solution