



# NEW HORIZON COLLEGE OF ENGINEERING

B R O C H U R E



नईव हॉरिजॉन्स  
रिवा  
लाहवारवाजा



Vakra-Tunda Maha-Kaya  
Surya Koti Samaprabha  
Nirvighnam Kurume Deva  
Sarva-Karyeshu Sarvada

**RANKED #114**  
AMONG TOP 200  
**ENGINEERING**  
COLLEGES IN INDIA

**TOP 6**  
UNDER ENGINEERING CATEGORY  
IN BANGALORE

**TOP 10**  
UNDER ENGINEERING CATEGORY  
IN KARNATAKA

**nirf** AS PER 2020  
NATIONAL INSTITUTIONAL  
RANKING FRAMEWORK



# NEW HORIZON COLLEGE OF ENGINEERING

*Awarded*



**MOST PREFERRED INSTITUTE  
FOR PROVIDING GLOBAL EXPOSURE**  
ASSOCHAM 2020



**EXCELLENCE IN PROVIDING PREFERRED  
ENVIRONMENT FOR CAMPUS PLACEMENT**  
ASSOCHAM 2020



**B-SCHOOL PROVIDING PREFERRED  
ENVIRONMENT FOR CAMPUS PLACEMENT**  
ASSOCHAM 2020







# About us

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## **NHEI**

New Horizon Educational Institution, established in the year 1970, is dedicated to creating today's pioneers and tomorrow's leaders. 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 higher education. The institution has tie-ups with various MNCs and international universities and also boasts of numerous Centres of Excellence, within the campus, with the aim of providing a comprehensive multidisciplinary platform to all our students in order 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 educational and social service in the state of Karnataka.

## **NHCE**

New Horizon College of Engineering is an autonomous college permanently affiliated to Visvesvaraya Technological University(VTU), approved by the All India Council for Technical Education(AICTE) & University Grants Commission(UGC). It is accredited by NAAC with 'A' grade. All UG Courses are accredited by the National Board of Accreditation(NBA).NHCE's undergraduate, postgraduate, professional and research programs offer you the opportunity to work in groups that are small enough to develop a supportive team culture but big enough to provide the necessary diversity for experience and learning. The scenic and serene campus of NHCE is surrounded by major information technology giants like Intel, Accenture, Aricent, Cisco, JP Morgan, Symphony etc to aid in the development of knowledge. NHCE provides an environment that is conducive to personal, intellectual and professional growth.



**THE  
FUTURE  
LOOKS  
BRIGHT.**

# Benefits of Autonomous

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- Degree awarded with the name of VTU.
- Provides academic freedom to the college to frame syllabus and customize it as per industry needs.
- Offers better subject choice and wide range of elective subjects
- Enhances employability of students through hands-on project experiences.
- The Choice Based Credit System (CBCS) for holistic measurement of students performance.
- Ensures equal weightage to both internal and external examination.
- Provisions for make-up examination immediately after the semester results are declared.
- Opportunities for internship in reputed MNCs and R&D Labs of industries.

# Achievements

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- Accredited by NAAC with 'A' Grade.
- All UG programs are accredited by the National Board of Accreditation (NBA).
- NHCE is Ranked #114 amongst the Top 200 Engineering Colleges across India, as per the National Institutional Ranking Framework (NIRF 2020) Rankings, announced by MHRD, Govt.of India. It stands Top 6 in Bangalore and Top 10 in Karnataka under the Engineering category.
- NHCE is honored with the distinguished "Excellence in Providing Preferred Environment for Campus Placements" award, "Most Preferred Institute for Providing Global Exposure" award, and "B-School Providing Preferred Environment for Campus Placements" award, during 13th ASSOCHAM Higher Education, Skill & Livelihood Conclave held in 2020. The award was presented by Hon'ble Minister of State for Skill Development & Entrepreneurship, Govt. of India, Mr. Mahendra Nath Pandey.
- NHCE is honored with the distinguished "Excellence in Promoting Industry-Academia Interface" award and "Most Preferred Institute with Global Exposure" award, during the ASSOCHAM Higher Education Summit in 2019. The award was presented by Hon'ble Former President of India, Dr. Pranab Mukherjee.
- Students from New Horizon College of Engineering are selected for the world-famous "The International Summer Space School: Future Space Technologies and Experiments in Space" at the Samara National Research University, Samara, Russia, and UNCOSPAR event at Tel-Aviv University, Israel.
- NHCE has received the most coveted and prestigious "Best Accredited Student Branch Award" from the Computer Society of India for the highest number of student enrollments and for organizing the highest number of quality events and activities during the academic year 2018-2019.
- NHCE is the First Institution to Achieve the Rare Honour of Filing 201 Patents in 3 Years in INDIA and the World! It is a historical achievement and a rare feat of an Engineering College.
- Ranked No.1 in Karnataka, 6th in South India, and 12th in India among the "Best Private Tech Schools". Source: Data Quest T-School Survey June 2018.



**DISCOVER  
YOUR  
FUTURE  
HERE.**



# Courses

Offered

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## **UG PROGRAM (4YEARS)**

B.E. Automobile Engineering  
B.E. Civil Engineering  
B.E. Computer Science & Engineering  
B.E. Computer Engineering  
B.E. Electrical & Electronics Engineering  
B.E. Electronics & Communication Engineering  
B.E. Information Science & Engineering  
B.E. Mechanical Engineering  
B.E. CSE (Artificial Intelligence and Machine Learning)

## **PG PROGRAM (2YEARS)**

M.Tech - Computer Science & Engineering  
M.Tech - Machine Design  
M.Tech -Cyber Forensic & Information Security  
Master of Business Administration (MBA)  
Master of Computer Applications (MCA)

## **RESEARCH PROGRAM**

Ph.D/M.Sc (Engg) in AU, CSE, ECE, EEE, ISE, ME, Civil, Maths, Physics, Computer Application, Management Studies & Chemistry



# CIVIL ENGINEERING

## B.E. - CIVIL COURSE IS OFFERED IN 2 DIFFERENT STREAMS: G-GLOBAL, P-PROFESSIONAL

### ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS

- 1) B.E Degree (Visvesvaraya Technological University)
- 2) Indian Society for Technical Education (ISTE) membership
- 3) Industrial visit
- 4) Guest lectures by eminent experts
- 5) Organizing workshops on recent trends in civil engineering
- 6) Organizing seminars on recent developments in civil engineering
- 7) Technical students symposium / conference
- 8) Participation & presentation of papers in national & international seminars / conferences
- 9) Resume writing workshop
- 10) Coaching and remedial classes
- 11) Enabling and encouraging students to prepare for participation in various in-house competitions
- 12) Enabling and encouraging students to prepare for participation in various inter-collegiate and Inter-university, competitions
- 13) Mentoring
- 14) Mock viva-voce
- 15) Professional counseling
- 16) Guidance for education loans and bank formalities
- 17) Enabling and encouraging students to prepare to write NPTEL MOOC certification courses
- 18) Student club activities

### Global as Skill's Incremental Program (By Industry Experts)

- 19) Training and Certification program on Construction Technology
- 20) Training and Certification program on 3D Studio Max
- 21) Training and Certification program in Total Station
- 22) Training and Certification program on E TAB Software
- 23) Training and Certification program on Primavera
- 24) International student exchange program\*

#### NOTE:

- \* International student exchange program is offered to meritorious students at cost
- \* Credit transfer will be available for MS programs

G	P	SEM
✓	✓	I-VIII
✓	✓	V-VI
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	VI
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✗	IV-V
✓	✗	IV-V
✓	✗	V-VI
✓	✗	V-VI
✓	✗	VII
✓	✗	VII

# COMPUTER SCIENCE & ENGINEERING

## B.E. - CSE COURSE IS OFFERED IN 2 DIFFERENT STREAMS: G-GLOBAL, P-PROFESSIONAL

### ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS

- 1) B.E Degree (Visvesvaraya Technological University)
- 2) Computer society of india. (CSI) membership
- 3) Indian society for technical education membership
- 4) Industrial visit
- 5) Guest lectures by eminent experts
- 6) Organizing workshops on recent trends in computer engineering
- 7) Organizing seminars on recent developments in computer engineering
- 8) Technical students symposium / conference
- 9) Participation & presentation of papers in national & international seminars / conference
- 10) Resume writing workshop (industry oriented)
- 11) Coaching and remedial classes
- 12) Enabling and encouraging students to prepare for participation in various in-house competitions
- 13) Enabling and encouraging students to prepare for participation in various inter-collegiate and Inter-university, competitions
- 14) Mentoring
- 15) Mock viva-voce
- 16) Professional counseling
- 17) Guidance for education loans and bank formalities
- 18) Enabling and encouraging students to prepare to write NPTEL MOOC certification courses
- 19) Student club activities

### Global and Professional Skill Incremental Program (By Industry Experts)

- 20) Python Programming
- 21) Ethical Hacking
- 22) Understanding Blockchain
- 23) Introduction to Robotics
- 24) Data Analytics with R
- 25) International student exchange program\*

G	P	SEM
✓	✓	I-VIII
✓	✓	V-VI
✓	✓	V-VI
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	VI-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	VI-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✗	III-IV
✓	✗	IV-V
✓	✗	V-VI
✓	✗	VI-VII
✓	✗	VII-VIII
✓	✗	VII

#### NOTE:

- \* International student exchange program is offered to meritorious students at cost
- \* Credit transfer will be available for MS programs

# COMPUTER ENGINEERING

**B.E. -COMPUTER ENGINEERING IS OFFERED IN 2 DIFFERENT STREAMS: G-GLOBAL, P-PROFESSIONAL**

**ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS**

- 1) B.E Degree (Visvesvaraya Technological University)
- 2) Computer Society of India, (CSI) Membership
- 3) Indian Society for Technical Education Membership
- 4) Industrial Visit
- 5) Guest Lectures by eminent experts
- 6) Organizing workshops on recent trends in Computer Engineering
- 7) Organizing Seminars on recent developments in Computer Engineering
- 8) Technical Students Symposium / Conference
- 9) Participation & presentation of papers in National & International Seminars / Conference
- 10) Resume writing workshop (Industry Oriented)
- 11) Coaching and remedial Classes
- 12) Enabling and encouraging students to prepare for participation in various in-house competitions
- 13) Enabling and encouraging students to prepare for participation in various inter-Collegiate and Inter-University, competitions
- 14) Mentoring
- 15) Mock viva-voce
- 16) Professional Counseling
- 17) Guidance for Education loans and bank formalities
- 18) Enabling and encouraging students to prepare to write NPTEL MOOC certification courses
- 19) Student Club Activities
- Global Skill Incremental Program (By Industry Experts)**
- 20) Certification program in Devops
- 21) Certification program in Ethical Hacking
- 22) Certification program in Digital Marketing
- 23) Certification program in Cloud Computing
- 24) International Student Exchange program\*

G	P	SEM
✓	✓	I-VIII
✓	✓	V-VI
✓	✓	V-VI
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	VI
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✗	V-VI
✓	✗	IV-V
✓	✗	VII
✓	✗	VII
✓	✗	VII

**NOTE:**

- \* International student exchange program is offered to meritorious students at cost
- \* Credit transfer will be available for MS programs

# ELECTRICAL & ELECTRONICS ENGINEERING

## B.E. - EEE COURSE IS OFFERED IN 2 DIFFERENT STREAMS: G-GLOBAL, P-PROFESSIONAL

### ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS

- 1) B.E Degree (Visvesvaraya Technological University)
- 2) Membership in "INDIAN SOCIETY FOR TECHNICAL EDUCATION"
- 3) Industrial Visit
- 4) Guest lectures by eminent experts
- 5) Organizing workshops on recent trends in Electrical & Electronics Engineering
- 6) Organizing seminars on recent developments in Electrical & Electronics Engineering
- 7) Resume writing work shop (Industry Oriented)
- 8) Technical Student's Symposiums / Conferences
- 9) Participation & presentation of papers in national & international seminars / conference
- 10) Coaching and remedial classes
- 11) Enabling and encouraging students to prepare for participation in various in-house competitions
- 12) Enabling and encouraging students to prepare for participation in various inter-collegiate and Inter university, competitions
- 13) Mentoring
- 14) Mock viva-voce
- 15) Professional counseling
- 16) Guidance for education loans and bank formalities
- 17) Enabling and encouraging students to prepare to write NPTEL MOOC certification courses
- 18) Student club activities
- 19) student Placment Training

### Global Skill Incremental Program (By Industry Experts)

- 20) Illumination Engineering Using Dialux + Microgrid Design
- 21) PV Solar Plant Design Using PV SYSTEM
- 22) Power System Analysis Introduction using ETAP
- 23) Power System Analysis - Advanced using ETAP + Power Quality, Power System Protection using ETAP
- 24) Certificate Course in Managemnet and Leadership
- 25) International student exchange program\*

G	P	SEM
✓	✓	I-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	V-VI
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	VI-VIII
✓	✗	IV-VII
✓	✗	IV-VII
✓	✗	IV-VII
✓	✗	III-IV
✓	✗	VII/VII
✓	✗	VII

#### NOTE:

- \* International student exchange program is offered to meritorious students at cost
- \* Credit transfer will be available for MS Programs

# ELECTRONICS & COMMUNICATION ENGINEERING

## B.E. - ECE COURSE IS OFFERED IN 2 DIFFERENT STREAMS: G-GLOBAL,P-PROFESSIONAL

### ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS

- 1) B.E Degree (Visvesvaraya Technological University)
- 2) ISTE/IEEE/MTS/UNISEC/IEI/IETE Membership
- 3) Industry visit
- 4) Guest lectures by eminent experts
- 5) Organising workshops on advanced technologies in industry
- 6) Organising workshops on recent trends in electronics and communication
- 7) Technical students symposiums / Conferences
- 8) Exclusive cv writing workshop
- 9) Participation & presentation of papers in national & international seminars/conferences
- 10) Coaching and remedial classes
- 11) Enabling and encouraging students to prepare for participation in various in-house competitions
- 12) Enabling and encouraging students to prepare for participation in various inter collegiate & inter-university competitions
- 13) Mentoring
- 14) Mock viva-voce
- 15) Professional counseling
- 16) Guidance of education loans and bank formalities
- 17) Enabling and encouraging students to prepare to write NPTEL MOOC certification courses
- 18) Student club activities(Electronic Hobby Club,Technology Sharing Club, Professional Connect Club)

### Global Skill Incremental Program (By Industry Experts)

- 19) Electronic device based Internet of Things (IOT)
- 20) Training & certificate Programme on AI and Machine Learning
- 21) Training & certificate Programme on VLSI / Embedded/Robotics
- 22) International student exchange program\*

#### NOTE:

- \* International student exchange program is offered to meritorious students at cost
- \* Credit transfer will be available for MS programs

G	P	SEM
✓	✓	I-VIII
✓	✓	III
✓	✓	III-VIII
✓	✓	I-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	VI
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-II
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	VII-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✗	IV-VII
✓	✗	IV-VII
✓	✗	VII
✓	✗	VII





# ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

## B.E. - ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IS OFFERED IN 2 DIFFERENT STREAMS: G-GLOBAL, P-PROFESSIONAL

### ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS

- 1) B.E Degree (Visvesvaraya Technological University)
- 2) Computer Society of India. (CSI) Membership
- 3) Indian Society for Technical Education Membership
- 4) Industrial Visit
- 5) Guest Lectures by eminent experts
- 6) Organizing workshops on recent trends in Computer Engineering
- 7) Organizing Seminars on recent developments in Computer Engineering
- 8) Technical Students Symposium / Conference
- 9) Participation & presentation of papers in National & International Seminars / Conference
- 10) Resume writing workshop (Industry Oriented)
- 11) Coaching and remedial Classes
- 12) Enabling and encouraging students to prepare for participation in various in-house competitions
- 13) Enabling and encouraging students to prepare for participation in various inter-Collegiate and Inter-University, competitions
- 14) Mentoring
- 15) Mock viva-voce
- 16) Professional Counseling
- 17) Guidance for Education loans and bank formalities
- 18) Enabling and encouraging students to prepare to write NPTEL MOOC certification courses
- 19) Student Club Activities
- Global Skill Incremental Program (By Industry Experts)**
- 20) Certification program in Tensor Flow
- 21) Certification program in Tableau
- 22) Certification program in C ++ Advanced
- 23) Certification program in Cloud Computing
- 24) International Student Exchange program\*

G	P	SEM
✓	✓	I-VIII
✓	✓	V-VI
✓	✓	V-VI
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	III-VIII
✓	✓	VI
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✓	I-VIII
✓	✗	V-VI
✓	✗	IV-V
✓	✗	VII
✓	✗	VII
✓	✗	VII

#### NOTE:

- \* International student exchange program is offered to meritorious students at cost
- \* Credit transfer will be available for MS programs

# MASTER OF COMPUTER APPLICATIONS

## MCA COURSE IS OFFERED IN 2 DIFFERENT STREAMS: G-GLOBAL, P-PROFESSIONAL

### ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS

- 1) MCA Degree (Visvesvaraya Technological University)
- 2) Computer Society of India (CSI) membership
- 3) Industrial visit
- 4) Guest lectures by eminent experts
- 5) Organizing workshops
- 6) Technical students symposiums/conferences
- 7) Club activities
- 8) Participation in national,international technical events
- 9) Bridge course
- 10) Collaborating with faculty in research
- 11) Coaching and remedial classes
- 12) Enabling and encouraging students to prepare for participation in various in-house competitions
- 13) Enabling and encouraging students to prepare for participation in various Inter collegiate and inter-university competitions
- 14) Mentoring
- 15) Industry Oriented Courses
- 16) Mock viva-voce
- 17) Professional students counseling
- 18) Mandatory MOOC Courses & Certification
- 19) Student club activities
- Global Skill Incremental Program (By Industry Experts)**
- 20) Training and certification in Tensor Flow
- 21) Training and certification in ArchOps, TestOps, DataOps
- 22) Training on Tableau
- 23) Training on Azure/AWS
- 24) International Educational Tour

G	P	SEM
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✓	I-IV
✓	✗	II
✓	✗	II
✓	✗	III
✓	✗	III
✓	✗	IV

**NOTE:**

\* Credit transfer will be available for MS programs

# M.TECH COMPUTER SCIENCE & ENGINEERING

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## ELIGIBILITY CRITERIA

Bachelor's Degree in Engineering or Technology in Computer Science and Engineering,/ Information Science. AMIE in appropriate branch. GATE: CS is necessary. The candidates should have not less than 50% of marks in aggregate of all the years of the degree examinations. However in the case of candidates belonging to SC/ ST/ CAT-1 the aggregate percentage of marks in the qualifying examination shall not be less than 45%.

## DURATION

The duration of the course is 2 years comprising of 4 semesters.

# M.TECH MACHINE DESIGN

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## ELIGIBILITY CRITERIA

Bachelor's Degree in Engineering or Technology in Mechanical Engineering/ Industrial & Production Engineering/ Automobile Engineering. AMIE in appropriate branch. GATE: ME is necessary. The candidates should have not less than 50% of marks in aggregate of all the years of degree examinations. However in the case of candidates belonging to SC /ST/ CAT-1 the aggregate percentage of marks in the qualifying examination shall not be less than 45%.

## DURATION

The duration of the course is 2 years comprising of 4 semesters.

# M.TECH IN CYBER FORENSICS AND INFORMATION SECURITY

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## ELIGIBILITY CRITERIA

Bachelor's Degree in Engineering or Technology in Computer Science and Engineering,/ Information Science. AMIE in appropriate branch. GATE: CS is necessary. The candidates should have not less than 50% of marks in aggregate of all the years of the degree examinations. However in the case of candidates belonging to SC/ ST/ CAT-1 the aggregate percentage of marks in the qualifying examination shall not be less than 45%.

## DURATION

The duration of the course is 2 years comprising of 4 semesters.

# Scholarships

## ACADEMIC SCHOLARSHIP – I YEAR BE PROGRAMS

DESCRIPTION	NEW HORIZON PU STUDENTS	STUDENTS FROM OTHER SCHOOLS AND COLLEGES
Above 85% in II PUC / 12th std	Rs. 40,000/-	Rs.25,000/-
75-85% in II PUC / 12th std	Rs. 30,000/-	Rs.25,000/-

## CET CATEGORY (I YEAR BE PROGRAMS)

DESCRIPTION	ELIGIBILITY
The candidates who represented the country at Asian Games/ common Wealth Games, Olympic Games and International Meets.	100% Concession on Tuition Fee
The candidates who represented National Games, National Champions, All India Inter Zonal Meets Inter University (at National Level) National Tournaments & Champions	75% Concession on Tuition Fee
The candidates who represented State & won medals in individual & Team Events (Organized by the Department of State Associations and National Federations)	50% Concession on Tuition Fee

## ACADEMIC SCHOLARSHIP – I YEAR MCA PROGRAMS

DESCRIPTION	NEW HORIZON COLLEGE STUDENTS	STUDENTS FROM OTHER SCHOOLS AND COLLEGES
Above 70% in Degree	Rs.25,000/-	Rs.20,000/-
60-70% in Degree	Rs.20,000/-	Rs.15,000/-

## SPORTS SCHOLARSHIP – I YEAR BE, MCA PROGRAMS

DESCRIPTION	NEW HORIZON STUDENTS	STUDENTS FROM OTHER SCHOOLS AND COLLEGES
National Level Winner or Best Player	Rs.30,000/-	Rs.25,000/-
State Level Winner or Best Player	Rs.25,000/-	Rs.20,000/-

DESCRIPTION	ELIGIBILITY
CET rank below 100	100% Concession on Tuition Fee
CET rank from 101 to 1000	75% Concession on Tuition Fee
CET rank from 1001 to 2000	50% Concession on Tuition Fee

## SINDHI SCHOLARSHIP - I YEAR BE PROGRAMS

The student should be able to communicate fluently in Sindhi.  
Scholarship is granted to students depending on: their financial background, marks obtained in the 12th Std qualifying exam.

# TESTIMONIALS



**BHARGAVI S**  
BE-CSE (2016-2020)

Placed in:  
**CAPGEMINI**

“

New Horizon College of Engineering is a place for learning, fun and many such life preaching activities. They have always provided me the assistance that I required for my overall development and to improve my technical knowledge. I will always be grateful to them for providing me a platform for practical learning and preparing me for the corporate life which was due to the efforts made by the placement department. I have received a great support from faculties as well as the placement office. They have made efforts ensuring maximum number of placed students. I am thankful to the Placement department for providing a platform to enhance my skills by encouraging us with various opportunities.

”



**ARNAB BHOWAL**  
BE-ISE (2016-2020)

Placed in:  
**CAPGEMINI**

“

I can confidently say that NHCE has helped me become a better version of myself. ISE department is the best in my opinion. The teachers care a lot about the students and make sure that every little step towards the betterment of our future is taken. The placement department helped me a lot in getting the industry exposure and made sure I got every opportunity available.

”

# TESTIMONIALS



**ANU JINNY JOSE**

BE-EEE (2016-2020)

Placed in:  
**ITC INFOTECH**

“

“The purpose of education is to replace an empty mind with an open one.” New Horizon College of Engineering has definitely done its part in accomplishing that purpose. I feel a great deal of contentment as I reminisce the good four years spent in NHCE. It provides great facilities and innumerable opportunities to students. The department of EEE has been very encouraging right from the beginning. The faculty is always warm, welcoming and ready to help anytime. The placement department and the training they had provided was on point, not forgetting the copious opportunities they had given to students. Finally, yet importantly, I was lucky enough to have made a big family of friends, met various people and become a part of the NHCE community.

”



**UTSAV GHOSH**

BE-MCA (2016-2020)

Placed in:  
**JMR INFOTECH**

“

Every educational body invariably has its own set of flaws with that being said NHCE is no exception, yet it brings out a sense of enthusiasm amongst all and help shape us for a better future. A series of choices led me to believe that NHCE would be the right place for me to pursue my masters. My journey with NHCE has rather been short but was chock-full of fun. The beautiful bond I share with my friends and faculties to the endless gossip at Tango Cafeteriare few things I'd cherish all my life. Coming to the Dept. of HRD — a newly formed team led by a visionary leader brought a whole new perspective to the table, let's be real at some point all of us felt like burning the whole place down after all that wearisome training we had to go through. Failures were part of our journey, some on the verge of giving up, yet the department of HRD never gave up on us. In time of need, their very own leader invested all his time to hone and prepare us for the outside world. The constant push drove us to reach our full potential. My journey with NHCE may have very well come to an end, but by no means I am leaving NHCE behind.

”





## International Collaboration

### FRENCH UNIVERSITIES

43 students from all the engineering branches have successfully completed their international internships from some of the prestigious universities in France namely Le Havre, University, the University of Rouen, ESIGELEC Rouen CESI Rouen, INSA Rouen, ISPA, Alencon

Three months of the Study Abroad Program will be arranged for Under graduate students. About 50 students from all the engineering branches will be selected on merit basis for the program. The selected students will be given training in speaking and conversing in French which could enable them to communicate in French while they are studying at the Universities in France

The selected students will be deputed for International Internship to premier Universities in the Normandie region of France, namely University of Le Havre, University of Rouen, ESIGELEC Rouen, CESI Rouen, INSA Rouen, ISPA, ALENCON - which are known for hands on training and research in sciences and technology, international business and humanities. The program also nurtures Internationally strong social and economic links in the fields of energies, aeronautics, logistics, transports and mobility, cosmetology and health. It Plays a major role in terms of innovation, through learning institutes, clusters and competitive hubs. Over hundred students in two batches in two years carried out different projects assigned by the faculty and successfully completed the program motivating many of the students to pursue higher studies in France. This helped to elevate their career goals.





## International Collaboration

### JAPAN CAREER CENTRE

Japan Career Centre is established at NHCE to facilitate International Placements / Internships. The objective of the Indo-Japan career Center is to act as bridge between Japanese companies and fresh student talent in India. The center not only facilitates the recruitment of fresh talent in India, but also prepares the recruited talent for assimilation into the Japanese workplace. We are happy to announce that our students have been successfully placed in the following Japanese Companies:

### INTERNATIONAL PLACEMENTS

NAME	BRANCH	COMPANY PLACED	CTC (INR)
Gagan Prasad	ISE	Temairazu Inc.	22.00 LPA
Swaraj K S	ISE	Temairazu Inc.	22.00 LPA
Sriram Gupta Kaluva	CSE	IBJ Inc.	22.00 LPA
Sanketh S Huddar	CSE	IBJ Inc.	22.00 LPA
Deekshith D V	CSE	IBJ Inc.	22.00 LPA
Spandana S	ISE	JSOL Corporation	22.12 LPA
Nirupashree S	CSE	Classmethod Inc.	23.97 LPA
Hemanth Kumar R	ISE	Classmethod Inc.	23.97 LPA
Sumangala S	CSE	Classmethod Inc.	23.97 LPA
Sharan P R	AU	Yokomori Mfg Co. Ltd.	23.28 LPA
Vinay Kumar Jaiswal	CSE	Rescho Inc.	22.00 LPA
Sai Sindhu	ISE	East Corporation	22.93 LPA
Akshay Rao	ECE	Annotation, Inc.	22.72 LPA
Nisha R	CSE	Ambition Corporation	21.85 LPA
Prajwal T J	ECE	Ambition Corporation	21.85 LPA

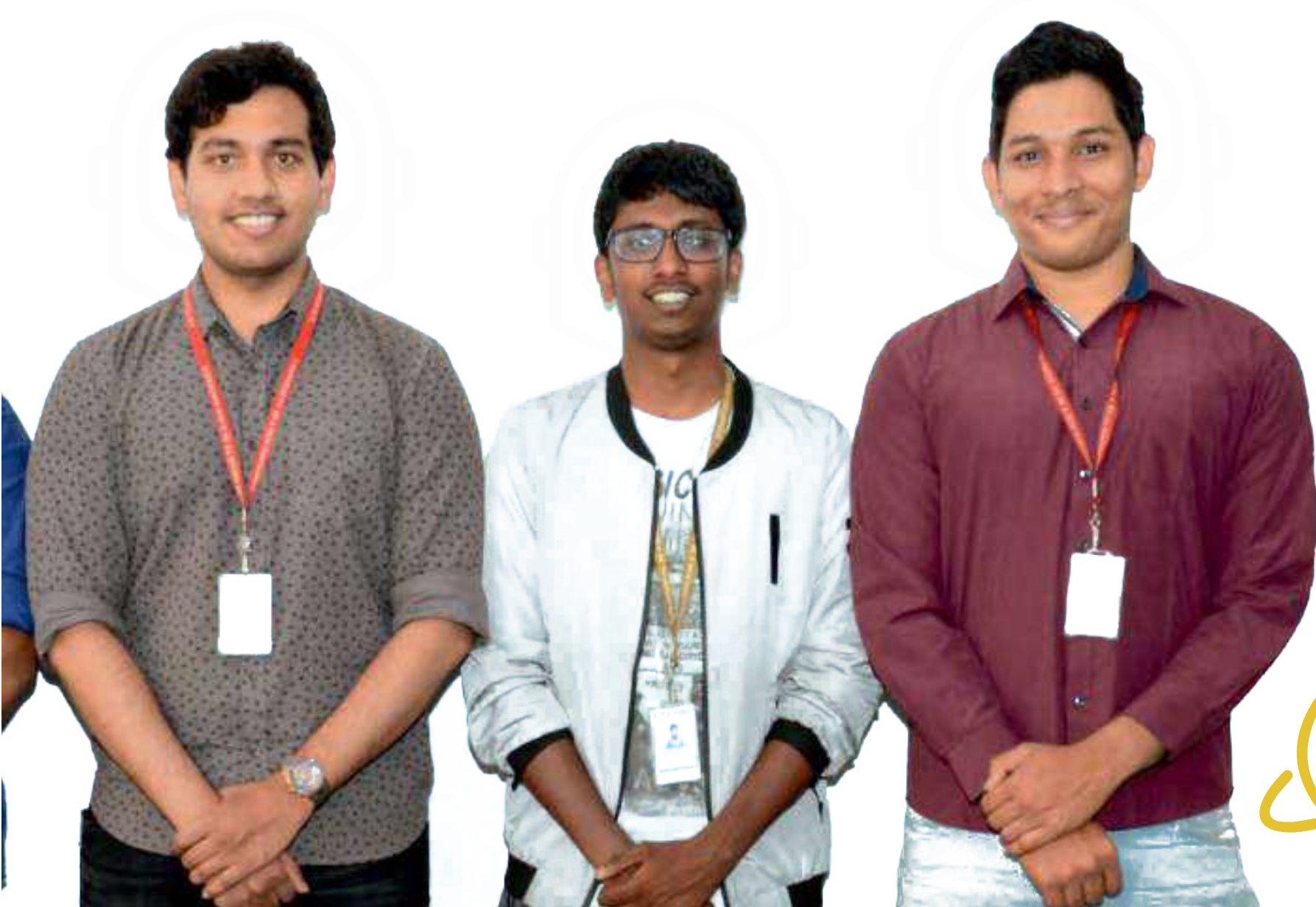
## **NHCE STUDENTS REPRESENTED UNISEC INDIA AT INTERNATIONAL SPACE UNIVERSITY, STRASBOURG, FRANCE**

Mr.Nihkil, Mr. Denzel and Ms. Bhavana from from New Horizon College of Engineering, Bangalore have participated and represented Indian student community! during the 6th UNISEC global meeting and presented reports of activities during the global meet. The University Space Engineering Consortium (UNISEC)- India has been represented by our delegates at The 6th UNISEC Global meeting held at International Space University (ISU), Strasbourg, France from the 19<sup>th</sup>-21<sup>st</sup> of November 2018! UNISEC Global headquarters is situated in Japan. UNISEC India Chapter has been approved and inaugurated during the Global Meet at ISU, France!



## SUMMER SCHOOLING AT RUSSIA & ISRAEL

A team of 6 Students from New Horizon College of Engineering have been selected for the World Famous "The International Summer Space School: Future Space Technologies and Experiments in Space" to be held between the 17th to 29th June, 2019 at the Samara National Research University, Samara, RUSSIA It is been organized by the Russian Academy of Cosmonautics, Samara Space Centre and Samara University with the Support of United Nations Office for Outer Space Affairs, University Space Engineering Consortium and International Astronautical Federation The Students have successfully completed the Distance Education Stage through Quizzes and Assignments from 30 Nov 2018-13 Mar 2019; NHCE Team has Occupied Top 50 Slots across the Globe succeeding over many Masters and PhD Scholars! End of the School they can Win 1 Million USD (Rs.7 Cr) for their Nano Satellite Design, Fabrication and Launch! New Horizon College of Engineering is the 1st Institution from India to send 6 Students to International Summer Space School, Samara, Russia The Team has also been invited to Indo-Israel SpaceTech Leadership Programme in May 2019 to be held at Tel Aviv, Israel





# Industry

## Sponsored Laboratories and Centres of Excellence

### **INDO FRENCH CENTRE OF EXCELLENCE ELECTRICITY, AUTOMATION AND ENERGY - SCHNEIDER ELECTRIC**

The Indo French Center of Excellence in Electricity, Automation and Energy Management in collaboration with Schneider Electric has been established to develop an international framework of academics and industry related links. The labs are designed with a dual purpose:

1. To establish and run a Center of Excellence in the field of Electricity, Automation and Energy Management within the premises of New Horizon College of Engineering, Bangalore, to train teachers, engineering graduates, technicians and customers of Schneider Electric.
2. To create training courses in initial and continuing education in electricity, automation and energy management.

### **CISCO NETWORKING ACADEMY**

New Horizon College of Engineering which is a member of The Cisco Network Academy, has access to all its resources, course materials, services, online contents, and other deliverables. Our College has integrated CCNA, R&S course into its syllabus. The Cisco CCNA Routing and Switching curriculum is designed for Cisco Networking Academy students who are seeking entry-level jobs in the ICT industry or those who hope to fulfil prerequisites to pursue more specialized ICT skills.

### **SAP NEXT-GEN LAB**

New Horizon College of Engineering, Bangalore has signed an MOU with SAP and has been accepted as an Associate Member of the SAP University Alliance (UA) program. Subsequently, as a member, New Horizon College of Engineering has access to a wealth of resources developed in collaboration with faculty, students, SAP partners and customers across the world. SAP University Alliance is a global program in over 100 countries that aims to shape the future of higher education.

### **QuEST GLOBAL IIoT CENTRE OF EXCELLENCE**

QuEST Global IIoT Centre of Excellence was established with the objective of creating an ecosystem for resourcing of digital needs in the industrial segment wherein it prepares Ready to Deploy (R2D) resources enabling the candidates in developing the understanding and expertise of technology stack of IIoT platform. The focus area of the said lab would be software application development and testing modernization of software tools to adopt predix or micro services architecture and UX/HMI development. The lab sessions are predominantly delivered and administered by QuEST Global engineers. Architect and practical oriented sessions on rail management systems and battery management Systems have been implemented at New Horizon College of Engineering. A team of faculties from different branches of engineering are trained by QuEST Global on the curriculum jointly developed by the company and the college.

### **VERTICA**

NHCE has signed an MoU with HP Enterprise to establish Big Data and Data Analytics Centre of Excellence with the state of the technology Lab at NHCE campus. VERTICA Centre of excellence is focussed on giving an insight to students on major two big data platforms: VERTICA(licensed) and HADOOP(open-source). A portion of the curriculum is aimed for the students from a management perspective, where different types of Data modeling, analytics, and case studies are included apart from practical knowledge on VERTICA. Both circuit and non-circuit branch students learn the courses offered by this lab to make a career in data analytics. Students obtain certificates from Vertica Academy after undergoing several certification courses through their online portal.

# Things (IIoT)

machines, advanced analytics and people at work to  
e, analyze and deliver values to End User. And as a result,  
ower and energy, railways, aerospace, oil & gas, healthcare,  
other industries are experiencing operational benefits.

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nologies



## **IBM OPEN POWER ARTIFICIAL INTELLIGENCE CENTRE OF EXCELLENCE**

IBM Open POWER 9 AI Lab as Centre of Excellence (CoE) aims to meet the challenging needs of industry, academia, and society in the world of Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) are identified, AI based hardware and or software systems and support from IBM. IBM Nvidia the front-runners in AI technology for the Enterprise- IBM and Nvidia are extending an attractive offer to the Educational institutes. NHCE is now ready to lead the industry by joining the AI and Deep Learning wave with the IBM & Nvidia Education offer.

## **VMWARE CENTRE OF EXCELLENCE**

VMWare has awarded New Horizon College of Engineering the status of VMWare IT Academy in recognition of successful completion of all program participation requirements. VMware IT Academy Program (vITA) is designed to introduce students to Virtualisation and Storage technologies and equip them with the technical skills needed for the modern IT world. As a VMWare IT academy member, faculties and students have gained access to technology and contents from VMware, to train students for the IT world.

## **CAPGEMINI'S DIGITAL ENGINEERING AND MANUFACTURING SERVICES LAB**

The Capgemini's Digital Engineering and Manufacturing Services Lab was established in New Horizon College of engineering to provide students with several opportunities in the field of Digital Engineering and Manufacturing & enable them to explore Digital Engineering and Manufacturing. It brings together deep domain expertise to lead the convergence of the physical and digital worlds through technology, engineering, and manufacturing expertise.

## **AUTOMATION ANYWHERE**

- An MOU was exchanged between Automation Anywhere and New Horizon College of Engineering for setting up of the BOT LAB Centre of Excellence for Robotic Process Automation. The lab provides students with the following opportunities:
- E-learning access
- Automation Anywhere Software
- Hands-on Training (TTT) and
- The global level certification

## **CENTER OF EXCELLENCE IN ROBOTIC PROCESS AUTOMATION (RPA) PROPOSED FROM THE ACADEMIC YEAR 2019-20 ONWARDS**

**Robotic Process Automation (RPA) is the application of information technology that allows employees in a company to configure computer software or a "software bot" to capture and interpret existing applications for:**

- Processing a transaction
- Manipulating data
- Triggering responses and communicating with other digital systems

**RPA robots are revolutionizing the way we think about and administer:**

- Business processes
- IT support processes
- Workflow processes
- Remote infrastructure
- Back office work

Demand for RPA is expected to create over 300,000 job opportunities in India alone over the next 3 years as NASSCOM vision to upskilling two million technology professionals and skilling another two million potential employees and students on future skills.



MINISTÈRE DE L'ÉDUCATION NATIONALE  
MINISTÈRE DE L'ENSEIGNEMENT SUPÉRIEUR DE LA RECHERCHE ET DE L'INNOVATION

NII  
18

31  
Dr. Vidulak

Dr. Mohan Manghnani  
Chairman, NII

# In Indo-French Partnership Agreement

A partnership agreement was signed on 12th March 2018 between cluster president of CMQ3E (high schools, higher educational institutions, companies, and other public, private institutions), Rouen-France and New Horizon College of Engineering, Bangalore in the presence of Ms. Frédérique Vidal, Minister of Higher Education, Research and Innovation, Govt. Of France .

**The agreement aims to strengthen the overall education system and processes for teachers as well as the students. The objectives of the partnership agreement are:**

- a). Mobility of teachers and students
- b). Collaboration and implementation of new teaching strategies
- c). Collaboration and implementation of training programs
- d). Exchange of technical knowhow and advisory
- e). Collaboration and assistance to develop educational cooperation in the field of energy and energy efficiency
- f). Collaboration and assistance in implementing equipment or materials
- g). Develop training programs for teachers and trainers on vocational and technological education.

## **STUDY ABROAD PROGRAMME**

During the past two years, NHCE has actively partnered with the Ministry of National Education, France in various educational activities and collaborations. On 12/03/2018, an agreement was signed between NHCE and the Ministry of National Education, France to facilitate student-exchange programs between NHCE and various universities in France.

As a result of this agreement and a number of visits to France by the NHCE delegation, 45 seventh semester students from all the B.E branches embarked and successfully completed a 11 week student exchange program in reputed universities in France starting Sept 2018. The Universities in France have provided this rare opportunity to our students to experience their educational system, technology and culture.

The following are the Universities in France which have selected our students for the exchange program.  
**University of Le Havre, University of Rouen, ESIGELEC Rouen CESI Rouen, INSA Rouen, ISPA, Alencon**



**TODAY  
A READER  
TOMORROW  
A LEADER.**

# Student

## Development programs

### **1. TECHNOLOGY BUSINESS INCUBATION CENTRE**

Technology Business Incubation Centre at New Horizon College of Engineering encourages startups at NHCE. There are 92+ active Startups that have been actively supported by NHCE, and are actively operational under the banner of Centre for Innovation and Entrepreneurship. The vibrant patent Cell helped startups and other students and faculty members to file nearly 171+ patents during last 3 years! Industry sponsored labs with state of the art facilities have been created conducive ecosystem for Startups at NHCE! The vision of NH-EDC is to educate, mentor and provide enterprising resources to budding entrepreneurs and to build an exhaustive resource pool to aid potential student entrepreneurs at NHCE. NHCE is one of the selected colleges under PM-YUVA Yojana (Pradhan Mantri Yuva Udyamita Vikas Abhiyan), which aims to create an enabling ecosystem for entrepreneurship development through entrepreneurship education. Focus will also be on entrepreneurship promotion and social entrepreneurship. Working in collaboration with National Entrepreneurship Network (NEN), since its inception, NH-EDC has conducted various activities for the college students creating and promoting entrepreneurship awareness at the campus. E-WEEK is one of such initiatives where an array of activities are conducted raising the spirit of innovation and creativity which are considered as spark-plugs of entrepreneurship.

### **2. NEW HORIZON SCHOLARS PROGRAM**

New Horizon Scholars' Program is a focussed initiative to recognize potential students in the 2nd & 3rd year and groom them for the best possible opportunities in the corporate world, ingovernment organizations or for higher education programs. The Scholar Program is ably supported with good amount of mentorship by industry leaders and scientific establishments to inspire the young minds, to focus their energy on emerging trends and technologies. The scholars undergo several workshops, guest lectures on trending technologies, industrial visits, live projects and hackathons to ensure they get maximum hands on exposure to the tools and technologies of their choice The purpose of the scholar lounge is to ensure a paradigm shift in the thought process of the identified students who are referred to as Scholars. It leads the students towards the identification of a smart career goal. The ultimate aim of scholar programme is to provide the best amalgamation of innovation, entrepreneurship development, skill up gradation, passion and aptitude along with sound theoretical subject knowledge, which in turn makes our student industry ready and innovators of tomorrow so that they can pursue their passion and think beyond the job

### **3. NEW HORIZON ENTREPRENEURSHIP DEVELOPMENT CELL (NH-EDC)**

New Horizon Entrepreneurship Development Cell (NH-EDC) is working in collaboration with the National Entrepreneurship Network (NEN), in promoting entrepreneurship among the students at the campus to raise the spirit of innovation and creativity. The Centre for Entrepreneurship Development is funded by All India Council for Technical Education (AICTE) under AICTE-EDC for the year 2013-14. The centre was empanelled under Prime Minister YuvaYojana under Ministry of Skill Development & Entrepreneurship, Government of India in the Year 2017.

#### **OBJECTIVES OF EDC**

- To provide an interface between ideas from New Horizon College students and experts, To introduce new and innovative training techniques for students for a new venture
- To provide competent faculty support and consultancy
- To enable the students to take up entrepreneurship and start up ventures



# Training

## Programs for Students

### **BASIC ENGLISH COMMUNICATION TRAINING**

Business English Communication (BEC) Certified Trainers are deputed to take sessions on Verbal, Written, and listening skills during the course of the first and second semester of the students' course.

### **APTITUDE DEVELOPMENT PROGRAM**

Aptitude development is critical at Graduation and Post Graduation level in today's environment. Corporates and recruiters evaluate prospective candidates based on their aptitude i.e., quantitative, reasoning, verbal ability, data interpretation and problem solving areas. NHCE provides continuous industry relevant training to all students from the first year onwards. Industry experience trainers are selected based on their experience in teaching students for major competitive examinations.

### **PERSONALITY DEVELOPMENT/ATTITUDE & BEHAVIORAL DEVELOPMENT PROGRAM**

New Horizon's philosophy is to shape the personality of each and every student to suit their career aspirations. The training programs are conducted for students with interest in pursuing careers, interested in positioning themselves as entrepreneurs and also in pursuing higher education.

### **TECHNICAL/DOMAIN SKILLS TRAINING**

Based on a continuous market research, the Training and Placement team at NHCE identifies specific domain and technical areas every year for training the students. The HRD team members interact with corporate executives and career development counselors on a regular basis to ensure and enable the students to become industry ready.

### **TRAINING OFFERED**

#### **I.CENTRE FOR LIFE SKILLS AND LIFE LONG LEARNING**

##### **ENGLISH**

- English Grammar
- Vocabulary
- Professional Communication

##### **LIFE SKILLS**

- Ownership
- Grooming and Personality Development
- Emotional Intelligence
- SWOT Analysis
- Team Building
- Attitude and Behavior
- Smart goal setting
- Articulation and group discussion
- Resume Building
- Personal Interviews

##### **CENTRE OF EXCELLENCE**

- Cutting edge Technologies
- Domain Skills Training

##### **INDUSTRY INCUBATION**

- Aspiration Profiling

##### **INDUSTRY INTEGRATION**

- Career guidance
- Industries Expert Training
- Aptitude Training

#### **II.INDUSTRY INSTITUTE INTERACTION CELL INTERNSHIP / VISITS**

- Employability Skills
- Talent Transformation

ABYETI TECHNOLOGIESACC CEMENT LTD.  
ACCENTURE  
ACE  
AD2PRO MEDIA SOLTIONS  
AIR MECH ENGINEERS PVT LTD  
ALLSTATE SOLUTION PVT LTD  
ALTIOSTAR  
AMARA RAJA GROUP  
ANORA SEMICONDUCTOR  
APEX AUTO LIMITED  
APPLIED MATERIALS INC.  
ARICENT  
ASAHI INDIA GLASS LTD.  
ATTRA  
AUTOLIV  
AUTOMATION ANYWHERE  
AVTEC  
AIRCEL LTD.  
ALLEGIES  
ALLSTATE  
AMAZON INDIAN  
AMPLE TECHNOLOGIES  
ANAND RATHI  
ANORA SEMICONDUCTORS  
APEX  
APTEAN  
ARIS GLOBAL SOFTWARE PVT. LTD.

ARISTOGENE  
ARTHA PROPERTY  
ASM TECHNOLOGIES  
ATZ PROPERTIES  
AVALI SOLUTIONS  
AVAYA  
AXA TECHNOLOGIES  
AZUYO SOFTWARE  
BAJAJ CAPITAL LTD.  
SERVION  
SONATA SOFTWARE LTD.  
SONY INDIA  
SOWPARNIKA  
SPERIDIAN  
STATE STREET  
TARGET CORPORATION  
TATA CONSULTING ENGINEERS  
TAVANT TECHNOLOGY  
TCS  
TECOSIM  
TELAVERGE COMMUNICATIONS PVT LTD  
TEMAIRAZU(JAPAN)  
TERRY HARRIS BUSINESS SOLUTIONS  
THERMO FISHER SCIENTIFIC  
TOYOTA TSHUSHO  
TRESVISTA FINANCIAL SERVICES  
TRIVENI TURBINE  
UNISYS

VEDA IIT  
VELOCIS SYSTEMS PVT LTD  
VERDANTIS TECHNOLOGIES PVT LTD.  
VIRTUOSO TRADE & SERVICES PVT LTD  
VVDN TECHNOLOGIES PVT LTD  
WEG INDUSTRIES (INDIA) PVT. LTD.  
WESTERN DIGITAL  
WIPRO LTD  
YOKOGAWA IA TECHNOLOGIES INDIA PVT LTD  
ZENKEN(JAPAN)  
42GEARS MOBILITY SYSTEMS  
BETSOL  
BETSOL  
BSR INFRA  
CARGILL  
CATNIP INFOTECH PVT LTD  
CBRE SOUTH ASIA PVT LTD  
COHESITY  
CAPGEMINI CONSULTING  
CAREERNET CONSULTING  
CARMATEC IT  
CELSTREAM  
CENTRUM  
CENTURY LINK  
CERNER INDIA  
CHOWGULE CONSTRUCTIONS  
CIGNEX DATAMATICS TECH LTD.

CLOUDTHAT TECHNOLOGIES  
CMC LIMITED  
COGNIZANT TECHNOLOGY  
CYIENT INDIA  
DATAGRES TECHNOLOGY  
DELPHI TECHNOLOGIES  
DETROIT ENGINEERING PRODUCTS  
DSR INFRA  
DVARA SOLUTIONS  
DXCORR HARDWARE TECHNOLOGY  
DANSKE IT  
DATAGRES IT SOLUTIONS PVT. LTD.  
DECATHLON  
DELL  
DREAM INFRA  
EFI  
ELEATION  
ELITMUS  
EMERTXE TECHNOLOGIES  
ENVISION FINANCE  
EPICOR SOFTWARE INDIA PVT LTD  
NOKIA NETWORKS  
NTT DATA  
ORACLE INDIA  
O G HEALTHCARE  
OMNICURIS HEALTHCARE PVT LTD  
PARK CONTROL & COMMUNICATION  
PINCLICK INDIA



PRDC  
PRIME NUMBERS  
PULSE SECURE TECHNOLOGIES (INDIA)  
PVT LTD  
QUEST GLOBAL  
QUINNOX  
RAAM GROUP  
ROBERT BOSCH  
SAMSUNG R&D  
SANKALP SEMICONDUCTOR  
SANSERA ENGINEERING  
SATTVA GROUP  
SECON  
SERVICENOW SOFTWARE DEVELOPMENT  
INDIA PVT LTD  
SHRI ARUNA CONSTRUCTIONS PVT LTD  
SIKA INTERPLANT  
SIMEIO SOLUTIONS  
SONY INDIA  
SPERIDIAN TECHNOLOGIES  
SRI RAM PROPERTIES  
SRI RAM RESEARCH INSTITUTE  
STUP CONSULTANT  
SUBEX  
SURYA SOFT  
SYNERGY  
SAP LABS  
SCHNEIDER ELECTRIC

EXL SERVICE  
EUROFINS IT SOLUTIONS  
HOMEFIRST INDIA FINANCE  
EPIANCE SOFTWARE  
EPSILON  
ETA ENGINEERING  
EVObI AUTOMATIONS  
E Y (ERNST & YOUNG)  
FINTELLIX SOLUTIONS  
FLIPKART  
FTD AUTOMATION  
FUTURE GROUP  
FUJITEC  
GE INDIA  
GLOBAL LOGIC  
GODREJ & BOYCE  
GOLDMAN SACCHS  
HAPPIEST MINDS  
HEWLETT PACKARD INDIA  
HIRECRAFT SOFTWARE  
HM GROUP  
HOBBYMASTER INDIA  
INFINITE COMPUTER  
HP INDIA  
HUAWEI  
MOZAZ  
IBM INDIA

ICICI SECURITIES LIMITED  
IGATE PATNI LTD.  
IMPETUS INFOTECH  
IMS HEALTH  
INCADEA  
INDEGENE  
INDUSIND BANK  
INDUS TARGET  
INFOCON  
INFINITI RESEARCH  
INOX SERVICES  
INTELLIGENTIA  
INTIMETEC  
IPRIMED PVT. LTD.  
ITC INFOTECH  
HP  
MU SIGMA  
MYLAN  
IBJ (JAPAN)  
IBM INDIA  
IDEAS91 GROUP  
INCADEA INDIA  
INFOSYS  
JUNIPER NETWORKS INDIA (P) LTD.  
JUST DIAL  
L&T INFOTECH  
LOWE'S  
MANHATTAN ASSOCIATES

MEGHA ENGINEERING & INFRASTRUCURE LTD  
MPHASISMARUTEE DESIGN & ENGINEERING  
SERVICES  
MARA INDIA PVT. LTD  
MAHINDRA & MAHINDRA  
MICROCHIP TECHNOLOGY  
MICROLAND LTD.  
MINDTREE LTD.  
MOONRAFT  
MORGAN STANLEY  
NAGARJUNA CONSTRUCTION  
NEWGEN  
HSBC SOFTWARE DEVELOPMENT INDIA  
HUMAN CAPITAL MANAGEMENT PVT.LTD  
INSNAP TECHNOLOGIES PVT LTD (SPOKESLY INC)

# STARTERS

# Library & Information Center

(Open 24 hours x 365days)

- Stack area
- Reference section
- E-Learning Center
- Open 24hrs 365 days
- Video conference room
- Faculty discussion room
- State of art digital library
- Books and stationery shop
- Discussion rooms
- Library spread over two floors
- 500 seating capacity reading Hall
- Over 46,505 volumes of latest books
- Online class room with recording facility
- Member of Delnet, ISTE, CSI, IETE, IIPe, AIMA
- Remote access of subscribed electronic resources
- National and International print and online journals

## Facilities

- WIFI Campus
- Lecture Halls
- Auditorium
- Seminar Halls
- Well Equipped Laboratories
- Cafeterias
- Medical facility
- Ambulance Service
- RO drinking water
- Reprographics facilities
- Utility Centre
- Round the clock security
- Book store & stationery shop
- Bank & ATM
- Transport facility
- Indoor Stadium
- Outdoor gym
- Indoor gym
- Sports Ground
- Parking Facility





# Hostels

## ACCOMMODATION FOR OVER 1200 STUDENTS ON CAMPUS

Hostels have been constructed to provide safe and congenial atmosphere to the students. Separate hostel facilities are available for **boys and girls on the campus**. The living spaces are structured to inspire harmony. We have spared no pains in making the surroundings fresh and green. Such an atmosphere is conducive for the germination of productive thoughts and ideas. It is a student's home away from home. Our ideas of the dormitories, unlike other institutions, is an area meant for the students to study, relax and socialize.

- There are Five Separate hostel buildings for **girls and boys on campus**
- Wi - Fi in hostel blocks
- 24 hours power back up
- RO drinking water
- Hygienic kitchen & quality food
- Vegetarian & Non-vegetarian Menu
- Choice of North & South Indian food
- Medical insurance
- Hot water facility
- Well furnished rooms
- Laundry facility
- Single room facility (Boys' Hostel) for PG students
- Experienced resident warden in each hostel
- Very well trained security
- 24 hours ambulance facility

**Ragging is a criminal offence and is strictly prohibited**



# Student Clubs

## ACADEMIC CLUBS

### Automobile Engineering (AE)

- Auto-Maniacs Club (AMC)
- Society of Automotive Engineers Club (SAE)

### Electronics & Communication Engineering Club (ECE)

- Technology Sharing Club (TSC)
- Electronics Hobby Club (EHC)
- Professional Connect Club (PCC)

### Electrical & Electronics Engineering (EEE)

- Green Energy Club (GEC)
- E-Soft Club (ESC)

### Master of Computer Applications (MCA)

- FOSS — Free Open Source Software Club
- EDAP — e-Designing and Publishing Club
- Adobe Creative Tech Clubs (ACT)

### Master of Business Administration (MBA)

- Entrepreneurship Development Club (Idea Lounge)
- Acumen Club

### Mechanical Engineering (ME)

- MechHorizon Club — (MHC)
- RoboHorizon Club — (RHC)

### CO-CURRICULAR CLUBS'

- Dance Club
- Music Club
- Art Club
- Literary Club
- Photography Club
- NSS Club
- Socio-Political Club
- Adventure Club
- Fitness Club
- Media Club
- Fashion Club
- Leo Club
- Green Warriors Club
- Retract Club

### Basic Science Humanities (BSH)

- Genesis Club (Science Club)
- Math Horizon Club (Mathematics Club)

### Civil Engineering (CIV)

- Avishkar Club
- Prakruthi Club

### Computer Science Engineering (CSE)

- Advanced, Contemporary and Emerging Technologies Club (ACE)
- Business and Information Technology Club (BIT)

### Information Science Engineering (ISE)

- i-STUDENTS WORKING ON EMERGING TECHNOLOGY Club (i-SWET(G))
- i-Student Club for Research Utilizing Meta Knowledge Club (I- SCRUM)
- i-Cyber security & Ethical Hacking Club (i-CSEH)
- VMware International IT Academy
- New Horizons open source Technology Enthusiasts Club (NOTE)

### SPORTS CLUBS'

- Volleyball Club
- Basketball Club
- Badminton Club
- Kabaddi Club
- Football Club

**Note:** The clubs are open to all the students of all the branches and streams



## **INDO-ISRAEL COLLABORATION FOR LAUNCHING STUDENTS' SATELLITE**

A nano-satellite built by Israeli high school students was launched to the International Space Station on April 18. Named for Israel's national bird, the Duchifat-2 (in English, Hoopoe-2) nano-satellite was one of 28 student-built nano-satellites sent into space, to be released from the space station in about six weeks' time ..... Israel has built itself an impressive reputation as a developer of the latest satellite technologies. The country holds prominence in the field of nano-satellites and micro-satellites. The Herzliya Science Center in association with Israel Space Agency (ISA) and Israel Aerospace Industries (IAI), is now working on an even more ambitious national project that will include the planning, programming, construction and launch of 70 CubeSats by 70 High Schools in Israel. NHCE as a Founder member of 75 Students' Satellites Consortium promoted by Indian Technology Congress Association (ITCA) is having working relationships with Dr.Meir Ariel, Director, Herzliya Science Center, and Centre for Nano Satellites, Tel Aviv University, Israel and involved in collaborative projects under 75 Satellites Programme: Mission 2022 to celebrate India's freedom 75 Years in 2022 by launching 75 Students Satellites by Indian Institutions! NHEI/NHCE Collaborating with Israel Satellite for Launching it with PSLV, India. The Israeli Student Satellite Duchifat-3 is an experimental and educational spacecraft developed and built by students of secondary schools at the Space Laboratory of the Herzliya Science Centre (HSC), Israel. It is built to the 3U CubeSat standard (10 cm x 10 cm x 30 cm with Approximate Mass of Satellite: 2.5 kg) built under the Guidance of Dr.Meir Ariel, Director, Nano Satellite Centre, Tel Aviv University and Director, Herzliya Science Centre, Israel who have instrumental for the design of longest serving Nano Satellite in orbit. Duchifat 3 will be launched with PSLV from India during July–October 2019. Launch support is being coordinated by ITCA with an active involvement of NHCE Students' Satellite Team.

## **DUCHFAT-3 HAS THREE MISSIONS THAT WILL OPERATE IN PARALLELY:**

- High-school students educational satellite
- On-board camera for earth imaging
- Amateur radio transponder and APRS digipeater



## SERBIA INTERNATIONAL CANSAT/ ROCKETRY

We are happy to share that **NEW HORIZON COLLEGE OF ENGINEERING** team won 1<sup>ST</sup> & 2<sup>ND</sup> place in **SERBIA INTERNATIONAL CANSAT/ ROCKETRY COMPETITION** held at Serbia during 03—06 Oct 2019! All the 4 teams of NHCE also secured University Space Engineering Consortium (UNISEC) Global Special Jury Awards as well!





# ACCREDITATIONS

Capgemini

Mindtree

Infosys

HEXWARE

TATA  
SERVICES

JMR

LOUIS

Rakuten

## TRAINING & PLACEMENTS

100% PLACEMENT OPPORTUNITIES ARE PROVIDED TO B.E, M.TECH, & MCA STUDENTS

100% PLACEMENT OPPORTUNITIES ARE PROVIDED TO ALL STUDENTS PURSUING B.E., M.TECH & MCA The mission at New Horizon College of Engineering ( NHCE ) is to create able engineers and business managers who are equipped with life skills, such as providing solutions to complex problems, re-engineering processes and adding value to businesses. The required skills, beyond academic curriculum are imparted to all our students to produce adept & astute individuals. New Horizon College of Engineering has a focused Human Resource Development Department which is created to move from the traditional Training and Placement process to a broadened approach of inculcating a learning environment along with understanding and acclimatizing to the changing technological advancements thereby bringing about a holistic development in the student. Students and corporate are two of our most important customers. Doing then best we can, to fulfill the needs of the students and companies is the foremost mission of the Department of HRD. Hence all the activities are centered on these two essential stake holders. Four different structured interventions are provided to all the students studying at New Horizon College of Engineering, viz; Aptitude Development Training, Basic English Communication, Domain/Technical training and Attitude and Behavioral development. With the technological advancements happening at lightning speed, the fresher hiring process has seen a paradigm shift in the recent past. To ensure that NHCE provides the right fitment to the strategic changing requirements of the Corporate, the Department of HRD has defined a robust training and mentoring process to enable the students in becoming billable resources from the day of inception. During the program, the Department of HRD ensures that the students are given the required amount of practice in various areas of quantitative ability, verbal ability, reasoning ability, personality development , group discussion, technical and interview handling skills. The uniqueness of New Horizon College of Engineering, Department of HRD is that each department of engineering and MCA courses are handled by experienced HR Managers with rich industry experience. They work in tandem with the concerned departments and train students in required domains and technologies. The entire process is driven with absolute transparency by the team ensuring that the parents /guardians are looped in all the communications made with the students. The Department of HRD has developed excellent relationship with Corporate who not only come over for repeat hiring but have also signed MOU's and have accredited NHCE for long term interaction.

## NHCE HAS SIGNED MOUS WITH ....



## INDUSTRY CONGLOMERATES

- Associated Chambers of Commerce and Industry of India
- Bangalore Chamber of Industry and Commerce
- Confederation of Indian Industries
- Confederation of Indian Micro small and medium enterprises
- Global IT Commune

# Intercollegiate Cultural Fest - Sargam

**SARGAM** is an annual state level inter collegiate cultural fest organized by New Horizon Educational Institution. NHEI believes in providing great opportunities for the student to involve themselves in various activities which are diverse and challenging. Sargam is a platform for students to unleash the true potential of their talent. With this students learn skills such as event management, interpersonal communication and team building.

**SARGAM** fest brings together students from various educational institutions providing an excellent platform to showcase their talent and win handsome rewards too. It brings the PUC to the PG students of various streams across the state under one roof. In year 2019, Sargam was conducted on 20th and 21st of September 2019, with very special and unique theme was 'PANCHA BHOOTA-Essence of the Universe.

The theme 'PANCHA BHOOTA, for Sargam 2019 like previous years challenged and entertained students with a host of competitive events. A total number of 20 competitions ranging from one star to five stars, like Painting, Mime, Acapella, Freeze IT (photography), L. A Model, Switch Foot, DJ wars, Street dance, Quiz, Battle of Bands, Contemporary Dance (group), Street Play (group), Computer Gaming, Improv, Aircrash, B-Boying and the Mega event Maha Tattva were organized in the New Horizon Knowledge Park.





**NEW HORIZON  
EDUCATIONAL INSTITUTION**





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