1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years (10)

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above (10)

2019-2020						
Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
NX-ProE(AU)	NA	2019-2020	1	36 Hrs	25	25
Hypermesh(AU)	NA	2019-2020	1	36 Hrs	13	13
Management & Leadership(AU)	NA	2019-2020	1	40 hrs	16	16
3D studio max(civil)	NA	2019-2020	1	40 hrs	15	15
ORACLE DBA(CSE)	NA	2019-2020	1	48 Hrs	79	79
Management & Leadership(CSE)	NA	2019-2020	1	40 hrs	79	79
Amazon web services(CSE)	NA	2019-2020	1	42 hours	69	69
Introduction to Python and Basics of VLSI(ECE)	NA	2019-2020	1	100 hrs.	54	54
Certificate in VLSI Design(ECE)	NA	2019-2020	1	100 hrs.	54	54
Training in MANAGEMENT AND LEADERSHIP(EEE)	NA	2019-2020	1	12 hrs	15	15
REVIT MEP (EEE)	NA	2019-2020	1	32 hrs	15	15
TRAINING ON INDUSTRIAL AUTOMATION -PLC & SCADA (EEE)	NA	2019-2020	1	40 hrs	24	24
PPM CONCEPTS + PRIMAVERA(EEE)	NA	2019-2020	1	40 hrs	29	29
Robotic process automation(IS)	NA	2019-2020	2	42 hours	63	63
Amazon web services(IS)	NA	2019-2020	1	42 hours	30	30
Certificate course on Management & Leadership(IS)	NA	2019-2020	1	40 hrs	33	33
CFD (ME)	NA	2019-2020	1	40 hrs	29	29
NX CAD(ME)	NA	2019-2020	1	40 hrs	28	28
DIGITAL MARKETING(ME)	NA	2019-2020	1	40 hrs	64	64
CNC MACHINE AND ANDROID(ME)	NA	2019-2020	1	40 hrs	64	64
Certificate Course in Management & Leadership(MBA)	NA	2019-2020	1	48 Hours	92	92
Training in Digital Marketing (MBA)	NA	2019-2020	1	2Month	26	26

Training in HumanResources practices (MBA)	NA	2019-2020	1	2Month	23	23
Training in SAP(MBA)	NA	2019-2020	1	2Month	92	92
Training in Financial market(MBA)	NA	2019-2020	1	2Month	43	43
Capstone Business Simulation (MBA)	NA	2019-2020	1	2Month	92	92
IIMBx certification from IIM Bangalore	NA	2019-2020	1	2Month	92	92
AWS/AZURE(MCA)	NA	2019-2020	1	40 hrs	19	19
Tensorflow (MCA)	NA	2019-2020	1	40 hrs	19	19
Tableau(MCA)	NA	2019-2020	1	40 hrs	19	19
DEVOPS (MCA)	NA	2019-2020	1	40 hrs	19	19

2018-2019						
Name of the value added courses (with 30 or more contact hours)offered	**Course Code (if any)**	**Year of offering**	**No. of times offered during the same year**	**Duration of course**	**Number of students enrolled in the year**	**Number of Students completing the course in the year**
NX-ProE(AU)	NA	2018-2019	1	36 Hrs	13	13
Hypermesh(AU)	NA	2018-2019	1	36 Hrs	16	16
Certificate course on Management & Leadership - For	NA	2018-2019	1	38 Hrs	17	17
Certificate Course on Vehicle Air conditioning system & Autotronics(AU)	NA	2018-2019	1	30 Hrs	13	13
ETABS(Civil)	NA	2018-2019	2	40 Hrs	64	64
3DS Max(Civil)	NA	2018-2019	1	40 Hrs	27	27
Training & Certification in ORACLE DBA(CSE)	NA	2018-2019	1	48 hours	93	93
Training & Certification with Python(CSE)	NA	2018-2019	1	48 hours	79	79
Certificate Course in Management & Leadership for computer	NA	2018-2019	1	48 hours	93	93
Training & Certification in CISCO CCNA(CSE)	NA	2018-2019	1	48 hours	79	79
Introduction to Verilog & FPGA(ECE)	NA	2018-2019	1	100 hrs.	39	39
Certificate in VLSI Design(ECE)	NA	2018-2019	1	100 hrs.	39	39
MSP + ORCAD(EEE)	NA	2018-2019	1	40 Hrs	24	24
ELECTRICAL AUTOCAD(EEE)	NA	2018-2019	1	20 Hrs	15	15
PPM CONCEPTS + PRIMAVERA(EEE)	NA	2018-2019	1	20 Hrs	15	15
Management and leadership(EEE)	NA	2018-2019	1	20 hrs	25	25
DEVOPS (IS)	NA	2019-2020	1	40 hrs	50	50
Management and leadership -	NA	2018-2019	1	42 hours	50	50

Andriod application development(IS)	NA	2018-2019	1	42 hours	33	33
ANSYS CFD(ME)	NA	2018-2019	1	40 Hrs	44	44
UNIGRAPHICS NX ESSENTIAL(ME)	NA	2018-2019	1	40 Hrs	65	65
PCB DESIGN CNC AUTOMATION,ANDROID APPLICATION AND IOT(ME)	NA	2018-2019	1	40 Hrs	63	63
Training in Digital Marketing (MBA)	NA	2018-2019	1	2 Month	36	36
Training in HumanResources practices (MBA)	NA	2018-2019	1	2 Month	19	19
Training in SAP(MBA)	NA	2018-2019	1	2Month	96	96
Training in Financial planning and Analysis (MBA)	NA	2018-2019	1	2Month	41	41
Capstone Business Simulation (MBA)	NA	2018-2019	1	2Month	96	96
AWS/AZURE(MCA)	NA	2018-2019	1	40 hrs	21	21
Tensorflow (MCA)	NA	2018-2019	1	40 hrs	21	21
Tableau	NA	2018-2019	1	40 hrs	21	21
DEVOPS (MCA)	NA	2018-2019	1	40 hrs	21	21
2017-2018						
Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
CATIA Solid works(AU)	NA	2017-2018	1	36 Hrs	16	16
Hypermesh(AU)	NA	2017-2018	1	36 Hrs	17	17
Certificate Course on Vehicle Air conditioning system & Autotronics(AU)	NA	2017-2018	1	30 Hrs	17	17
Certificate course on Management & Leadership - For Automobile Engineers(AU)	NA	2017-2018	1	08 Hrs	13	13
Primavera and E Survey(CIVIL)	NA	2017-2018	1	34hrs	82	82
Primavera and 3DS Max(CIVIL)	NA	2017-2018	1	37hrs	38	38
ORACLE DBA(CSE)	NA	2017-2018	1	40 hrs	84	84
Certificate Course in Management & Leadership for computer Engineers	NA	2017-2018	1	48 hours	84	84

CISCO CCNA(CSE)	NA	2017-2018	1	45 Hrs	93	93
Certificate in VLSI Design (ASIC Verification)(ECE)	NA	2017-2018	1	100hrs.	44	44
AUTOCAD 2D AND 3D(EEE)	NA	2017-2018	1	40 Hrs	15	15
PRIMEVERA(EEE)	NA	2017-2018	1	40 Hrs	25	25
Andriod appliction development with android studio(IS)	NA	2017-2018	1	45 hours	50	50
C# and .Net certification(IS)	NA	2017-2018	1	45 hours	50	50
Internet of things(IS)	NA	2017-2018	1	40 hours	33	33
Digital marketing and communication(IS)	NA	2017-2018	1	48 hours	31	31
CATIA ESSENTIAL TRAINING(ME)	NA	2017-2018	1	40 Hrs	55	55
ANDROID TRAINING(ME)	NA	2017-2018	1	40 Hrs	46	46
PCBDESIGN AND ANDROID(ME)	NA	2017-2018	1	40 Hrs	60	60
ANSYS CFD(ME)	NA	2017-2018	1	40 Hrs	43	43
Training in Digital Marketing (MBA)	NA	2017-2018	1	2 Month	13	13
Training in HumanResources practices (MBA)	NA	2017-2018	1	2 Months	29	29
Training in SAP(MBA)	NA	2017-2018	1	2Months	96	96
Training in Financial markets (MBA)	NA	2017-2018	1	2Months	53	53
Capstone Business Simulation (MBA)	NA	2017-2018	1	2Months	96	96
INTERNATIONAL STUDY TOUR PROGRAM(MBA)	NA	2017-2018	1	40 hrs	20	20
CORE JAVA(MCA)	NA	2017-2018	1	40 hrs	52	52
Python	NA	2017-2018	1	40 hrs	52	52
Android App Development(MCA)	NA	2017-2018	1	40 hrs	52	52

DataAnalytics (MCA)	NA	2017-2018	1	40 hrs	52	52

2016-2017

Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Hypermesh(AU)	NA	2016 -2017	1	36 Hrs	12	12
Certificate course on Management & Leadership - For Automobile Engineers(AU)	NA	2016 -2017	1	08 Hrs	13	13
Unigraphics(AU)	NA	2016 -2017	1	36 Hrs	17	17
MS Project(CIVIL)	NA	2016 -2017	1	40 Hrs	45	45
3D Building System(CIVIL)	NA	2016 -2017	1	40 Hrs	45	45
ETABS(Civil)	NA	2016 -2017	1	40 Hrs	19	19
Training & Certification in ORACLE DBA(CSE)	NA	2016 -2017	1	48 hours	84	84
Training & Certification with Python(CSE)	NA	2016 -2017	2	48 hours	177	177
Certificate Course in Management & Leadership for computer Engineers	NA	2016 -2017	1	48 hours	84	84
Training & Certification in CISCO CCNA(CSE)	NA	2016 -2017	1	48 hours	84	84
Certificate in VLSI Design (ASIC Verification)(ECE)	NA	2016 -2017	1	100hrs.	53	53
ORCAD+ LAB VIEW(EEE)	NA	2016 -2017	1	36 Hrs	25	25
AUTOCAD 3D+ PCS (EEE)	NA	2016 -2017	1	30 Hrs	19	19
Management and leadership(EEE)	NA	2016 -2017	1	10 hrs	19	19

Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
C# and .Net certification(IS)	NA	2016 -2017	1	45 hours	31	31
Management and leadership(IS)	NA	2016 -2017	1	42 hours	38	38
Training & Certification in CISCO CCNA(ISE)	NA	2016 -2017	1	48 hours	49	49
ANSYS CFD TRAINING(ME)	NA	2016 -2017	1	40 Hrs	45	45
Training in Digital Marketing (MBA)	NA	2016 -2017	1	2 Months	20	20
Training in HumanResources practices (MBA)	NA	2016 -2017	1	2 Months	8	8
Training in SAP(MBA)	NA	2016 -2017	1	2Months	79	79
Training in Financial markets (MBA)	NA	2016 -2017	1	2Months	51	51
Capstone Business Simulation (MBA)	NA	2016 -2017	1	2Months	79	79
RED HAT LINUX TRAINING AND CERTIFICATION(MCA)	NA	2016 -2017	1	40 hrs	29	29
DOT NET TRAINING AND CERTIFICATION FROM MICROSOFT (MCA)	NA	2016 -2017	1	40 hrs	29	29
CERTIFICATION COURSE IN MANAGEMENT & LEADERSHIP (MCA)	NA	2016 -2017	1	40 hrs	29	29
WEB DESIGNING USING PHP AND PERL TRAINING(MCA)	NA	2016 -2017	1	40 hrs	29	29
2015-2016						
Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Hypermesh(AU)	NA	2015 - 2016	1	36 Hrs	13	13
Certificate program on Autotronics(AU)	NA	2015 - 2016	1	36 Hrs	28	28

Automotive training at TVS(AU)	NA	2015 - 2016	1	36 Hrs	17	17
Unigraphics(AU)	NA	2015 - 2016	1	36 Hrs	12	12
3D studio max(civil)	NA	2015 - 2016	1	40 hrs	19	19
PRIMEVERA(civil)	NA	2015 - 2016	1	40 Hrs	22	22
Training & Certification in ORACLE DBA(CSE)	NA	2015 - 2016	1	48 hours	91	91
Training & Certification with Python(CSE)	NA	2015 - 2016	2	48 hours	84	84
Certificate Course in Management & Leadership(CSE)	NA	2015 - 2016	1	48 hours	91	91
Training & Certification in CISCO CCNA(CSE)	NA	2015 - 2016	1	48 hours	84	84
Certificate in VLSI Design (ASIC Verification)(ECE)	NA	2015 - 2016	1	100hrs.	31	31
ORCAD(EEE)	NA	2015 - 2016	1	20 Hrs	19	19
PRIMEVERA(EEE)	NA	2015 - 2016	1	20 Hrs	19	19
AUTOCAD 2D,3D(EEE)	NA	2015 - 2016	1	20 Hrs	19	19
LAB VIEW(EEE)	NA	2015 - 2016	1	20 Hrs	19	19
C# and .Net certification(IS)	NA	2015 - 2016	1	45 hours	38	38
Training & Certification in CISCO CCNA(ISE)	NA	2015 - 2016	1	48 hours	31	31
Orcale JAVA(ISE)	NA	2015 - 2016	1	48 hours	38	38
CATIA traning(ME)	NA	2015 - 2016	1	40 Hrs	42	42
Android Control Robotic workshop(ME)	NA	2015 - 2016	1	40 Hrs	75	75

PCB Design and Automation(ME)	NA	2015 - 2016	1	40 Hrs	65	65
CFD TRAINING(ME)	NA	2015 - 2016	1	40 Hrs	57	57
Training in Digital Marketing (MBA)	NA	2015 - 2016	1	2 Months	34	34
Training in HumanResources practices (MBA)	NA	2015 - 2016	1	2 Months	22	22
Training in Financial markets (MBA)	NA	2015 - 2016	1	2Months	60	60
INTERNATIONAL STUDY TOUR PROGRAM(MBA)	NA	2015 - 2016	1	40 hrs	8	8
RED HAT LINUX TRAINING AND CERTIFICATION(MCA)	NA	2015 - 2016	1	40 hrs	29	29
DOT NET TRAINING AND CERTIFICATION FROM MICROSOFT(MCA)	NA	2015 - 2016	1	40 hrs	29	29
CERTIFICATION COURSE IN MANAGEMENT & LEADERSHIP (MCA)	NA	2015 - 2016	1	40 hrs	29	29
WEB DESIGNING USING PHP AND PERL TRAINING(MCA)	NA	2015 - 2016	1	40 hrs	29	29

1.3.2 Number of value-added courses for imparting transferable and life skills offered during last five years (10)

1.3.3 Average Percentage of students enrolled in the courses under 1.3.2 above (10)

2019-2020								
Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
NX-ProE(AU)	NA	2019-2020	1	36 Hrs	25	25	3D modelling, assembly and drafting using UG-NX software	Students will be able to create part models. Students will be able to create Assembly designs
Hypermesh(AU)	NA	2019-2020	1	36 Hrs	13	13	Meshing problems- stability, error reduction and validation	Students will be able to apply the concept of Analysis to industrial problems
Management & Leadership(AU)	NA	2019-2020	1	40 hrs	16	16	Provides great way to improve both marketing skills and leadership skills. A good marketing course will give you the **latest tools and techniques** for developing the best marketing strategies. A marketing leadership development program has the additional benefit of developing people skills that will prepare you for marketing leadership roles.	1)Students will develop critical thinking skills. 2)Students will develop an understanding of change processes and be able to think critically about obstacles to change. 3)Students will understand and be able to use a process for decision making.
3D studio max(civil)	NA	2019-2020	1	40 hrs	15	13	3D modelling	Students will learn to model in 3D in 3Ds max. They learn to model houses and their rendering
ORACLE DBA(CSE)	NA	2019-2020	1	48 Hrs	79	79	Database Introduction,Oracle Database 12c Architecture,Oracle Storage Structure ,Memory & Process Architecture,Alert & Trace files,Database Startup & User Requests,anaging data with ILM,Database Security,Database Schema Object,Database Resource Manager,Deep dive into Schema Objects	• Student will be able to Learn oracle database and system data • Student will be able to Learn Architecture of Oracle server and its key components • Student will be able to LearnOracle Storage structures and its table spaces • Student will be able to Learn Oracle Instance consists of background processes and memory structures, methodology of starting a database instance
Management & Leadership(CSE)	NA	2019-2020	1	40 hrs	79	79	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams

Course Name		Year		Duration			Topics Covered	Course Outcomes
Amazon web services(CSE)	NA	2019-2020	1	42 hours	69	69	Fundamentals of Cloud Computing,Infrastructure & Networking,Storage,Elastic Load Balancers,Identity & Access Management,Relational Databases	• Student will be able to learn Cloud Environment Architecture • Student will be able to learn EC2 instance types & Pricing Models • Student will be able to learn IAM User, IAM Policy and IAM Role • Student will be able to learnELB Configuration, Relational data bases
Introduction to Python and Basics of VLSI(ECE)	NA	2019-2020	1	100 hrs.	54	54	Basic Python Programming, Basics of VLSI	Students will be able to design and program Python applications.Students will be able to implement Digital Circuits on Xilinx FPGAs and Altera FPGAs using Verilog HDL.
Certificate in VLSI Design(ECE)	NA	2019-2020	1	100 hrs.	54	54	VLSI (RTL/Verification), VLSI(PD/DFT), Python	Students will be able to get proficiency in industry standards and methodologies for design and verification for VLSI. Students will be able to learn and understand python looping, control statements and string manipulations.
Training in MANAGEMENT AND LEADERSHIP(EEE)	NA	2019-2020	1	12 hrs	15	15	Self Awareness and Relationship Management, Roles of a leader and team management	Students will learn the fundamentals of effectively leading people, teams, and organizations and develop tools to analyze business situations
REVIT MEP (EEE)	NA	2019-2020	1	32 hrs	15	15	Tracking Project Progress with Baseline & Risk management, Effective scheduling of work and easy prediction of Progress	Students will able to design the project sturucture with minimal budget constraints , Students will develop and monitor the status of roject in all the stages
TRAINING ON INDUSTRIAL AUTOMATION -PLC & SCADA (EEE)	NA	2019-2020	1	40 hrs	24	24	Robot control, trajectory planning and Industrial Robots	Students will be able to analyze the components and controlling of any Robotics system. And design based on applications
PPM CONCEPTS + PRIMAVERA(EEE)	NA	2019-2020	1	40 hrs	29	29	Tracking Project Progress with Baseline & Risk management. Effective scheduling of work and easy prediction of Progress	Students will able to design the project sturucture with minimal budget constraints . Students will develop and monitor the status of roject in all the stages
Robotic process automation(IS)	NA	2019-2020	2	42 hours	63	63	In this course, you will be introduced to RPA and see how it is combined with cognitive solutions and analytics to enable organizations to adopt the model of a "Digital Workforce" and help them transform the nature of their work.	1)Understand Automation Anywhere's RPA architecture, 2)Use the Process Assessment Template to build an automation pipeline of business processes that need to be automated, 3)Understand and perform feasibility and complexity analysis on the identified RPA candidates

Course		Year		Duration			Course Description	Outcomes
Amazon web services(IS)	NA	2019-2020	1	42 hours	30	30	In this course, you will be introduced to AWS platform terminology and concepts. The course will demonstrate the AWS management console navigation, AWS security measures and storage options. Various AWS components will be explored from a cost perspective. Design considerations for scalability, high availability, and security will be discussed. Finally, deploying to production and monitoring will be reviewed.	1)learn about data encryption methods to secure all types of sensitive data. 2) Get knowledge about the important steps for managing various **AWS** resources. 3) use **AWS** services to protect network security.
Certificate course on Management & Leadership(IS)	NA	2019-2020	1	40 hrs	33	33	Provides great way to improve both marketing skills and leadership skills. A good marketing course will give you the **latest tools and techniques** for developing the best marketing strategies. A marketing leadership development program has the additional benefit of developing people skills that will prepare you for marketing leadership roles.	1)Students will develop critical thinking skills. 2)Students will develop an understanding of change processes and be able to think critically about obstacles to change. 3)Students will understand and be able to use a process for decision making.
CFD (ME)	NA	2019-2020	1	40 hrs	29	29	CFD problems- stability, error reduction and validation	Students will be able to apply the concept of CFD to industrial problems
NX CAD(ME)	NA	2019-2020	1	40 hrs	28	28	3D modelling, assembly and drafting using UG-NX software	Students will be able to create part models, Students will be able to create Assembly designs
DIGITAL MARKETING(ME)	NA	2019-2020	1	40 hrs	64	64	Digital marketing with google analytics	Students will be able to analyse the performance of an website through google analytics tool, Students will be able to take decisions based on digital marketing strategies
CNC MACHINE AND ANDROID(ME)	NA	2019-2020	1	40 hrs	64	64	CNC machine using arduino	Students will be able to build CNC machine prototype and control it through arduino
Certificate Course in Management & Leadership(MBA)	NA	2019-2020	1	48 Hours	92	92	Students are offered with multiple opportunities to interact with successful leaders of the industry to understand the various leadership skills required to handle different roles.	Students gain leadershi insights through the experience sharing of various industry leaders and get ready to act as future leaders.
Training in Digital Marketing (MBA)	NA	2019-2020	1	2Month	26	26	Digital display advertiisng, email marketing, Mobile marleting, SEM, SEOs, Google Adwords, Google Analytics, Google website Analyzer etc.	Students analyze the major digital marketing channels and learn to develop, evaluate, and execute a comprehensive digital marketing strategy and plan.

Training in HumanResources practices (MBA)	NA	2019-2020	1	2Month	23	23	The focus of thistraining programme is on compliances under the various Labour Laws. It covers very vital aspect of actual HR work which HR executives are expected to be familiar with as any violation of compliances can result in fines being imposed by the Govt.	The objective is to deal with the various statutory compliances which the students are likely to follow, on placement in various organizations.Students will be familiarized with the methodology of maintenance of the records/registers
Training in SAP(MBA)	NA	2019-2020	1	2Month	92	92	The pursuing candidates get trained with the fundamental concepts of Supply Chain management, industry popularity and trend, models and best practices to be followed. The candidates cover the following topics in the supply Chain Management course: Principles of Management, Stores Management, Organizational Behavior, Business Communication, Production Management, and Purchasing and Materials Management. Logistics and Distribution Management, World Class Manufacturing, Global Supply Chain Management, Outsourced Manufacturing, and web-based Supply Chain Managemen	Apply logistics and purchasing concepts to improve supply chain operations
Training in Financial market(MBA)	NA	2019-2020	1	2Month	43	43	Stock Market& Regulatory structure of Financial Markets, Depositories, Depository Participants, Dematerialisation, Fundamental Analysis, Technical Analysis, Derivatives, Financial Planning	Students understands the broad framework of Indian financial system and learn about primary market and secondary market as an investment option
Capstone Business Simulation (MBA)	NA	2019-2020	1	2Month	92	92	Capstone is an online Business Simulation Placing individuals and teams in real life competitive business environments creates a more powerful, engaging and realistic learning experience than can be taught through case studies or textbooks.	Students learn a holistic apprach to run the business in the copetitive and dynamic marketing environment.

IIMBx certification from IIM Bangalore	NA	2019-2020	1	2Month	92	92	Interrelationship between organization structure and strategy Case used – Joy of Running Relationship between organizations and markets Control systems in organizations Case used – Cunningham Motors , Leveraging specialization in organization design Competitive advantage achieved through different designs Case discussion of Ford Motors Company and General Motors, Strategic outsourcing Decision making framework for outsourcing Variety versus scale tradeoff, Different Organization Structures – functional, divisional and Matrix Case discussion of a Consumer Durables Company having a hybrid structure Structural tradeoffs – complexity, formalization and centralization , Mechanistic and Organic designs Case discussion of Acme and Omega,How to manage structural change Case used – VFM Solutions Putting it all together	Students learn the principles of organizational design and how design elements can be leveraged to gain competitive advantage.
AWS/AZURE(MCA)	NA	2019-2020	1	40 hrs	19	19	AZURE/AWS REGIONS AND DATA CENTERS; UNDERSTANDING OF MICROSOFT AZURE PORTAL;INTRODUCTION TO ALL AWS;AWS/AZURE SUBSCRIPTION AND DEPLOYMENT	Students will be able to learn the cloud data centers; Students will be able to explore Azure portal ; Students will be able to identify the AWS essential services;Students will be able to understand the advanced features and deployment
Tensorflow (MCA)	NA	2019-2020	1	40 hrs	19	19	OPEN-SOURCE MACHINE LEARNING FRAMEWORK, TENSOR BASIC STRUCTURES, NEURAL NETWORK, CONVOLUTIONS TO IMPROVE NEURAL NETWORK	Students will be able to understand the open source framework, Students will be able to explore the tensor structures, Students learn to build the neural network for vision applications, Students will be able to understand the convolutions to improve the neural network
Tableau(MCA)	NA	2019-2020	1	40 hrs	19	19	APPLICATION TERMINOLOGY AND DEFINITIONS, TABLEAU WORKSPACE, DATA SOURCE PAGE, MORE ON VISUALIZATIONS	Students will be able to understand the tableau environment, Students will be able to explore the workspace, Students will be able to learn the data sources, Students will be able to understand the advanced visualization

Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
DEVOPS (MCA)	NA	2019-2020	1	40 hrs	19	19	The DevOps course curriculum is the stepping stone to a career which is rich in work of app development, web development, data sciences, machine learning and artificial intelligence.	1)The background and mindset of DevOps. 2) The practices of version control and configuration management that support DevOps. 3)How test automation supports DevOps. 4)The essentials of continuous integration (CI).

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Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
NX-ProE(AU)	NA	2018-2019	1	36 Hrs	13	13	Part and Assembly design	Students will be able to create part models, Students will be able to create Assembly designs
Hypermesh(AU)	NA	2018-2019	1	36 Hrs	16	16	Meshing problems- stability, error reduction and validation	Students will be able to apply the concept of Analysis to industrial problems
Certificate course on Management & Leadership - For Automobile Engineers	NA	2018-2019	1	38 Hrs	17	17	Management and Leadership program	The student will be able to improve the management and leadership Skills
Certificate Course on Vehicle Air conditioning system & Autotronics(AU)	NA	2018-2019	1	30 Hrs	13	13	Concept of vehicle air conditioning system and also various autotronics used in the Automobiles	Students will be able to get insight into the vehicle air conditioning system, Students will be able to analyse the various electronics components incorporated into the vehicle
ETABS(Civil)	NA	2018-2019	2	40 Hrs	64	55	Analyse and design tall buildings	Students will learn to analyse and design tall buildings. They are told about various features ETABS such as seismic analysis.
3DS Max(Civil)	NA	2018-2019	1	40 Hrs	27	25	3D modelling	Students will learn to model in 3D in 3Ds max. They learn to model houses and their rendering
Training & Certification in ORACLE DBA(CSE)	NA	2018-2019	1	48 hours	93	93	Database Introduction,Oracle Database 12c Architecture,Oracle Storage Structure ,Memory & Process Architecture,Alert & Trace files,Database Startup & User Requests,anaging data with ILM,Database Security,Database Schema Object,Database Resource Manager,Deep dive into Schema Objects	• Student will be able to Learn oracle database and system data • Student will be able to Learn Architecture of Oracle server and its key components • Student will be able to LearnOracle Storage structures and its table spaces • Student will be able to Learn Oracle Instance consists of background processes and memory structures,methodology of starting a database instance
Training & Certification with Python(CSE)	NA	2018-2019	1	48 hours	79	79	Python Environment Setup and Essential,Python language Basic Constructs,Oop Concepts In Python,Data Base Connection ,Num Py For Mathematical Computing,Scipy For Scientific Computing,Matplotlib For Data Visuvalization	• Student will be able to learn Python environmental setup programming language • Student will be able to learn Python various data types • Student will be able to learn NUM PY for MATHEMATICAL COMPUTING • Student will be able to learn NUM PY for MATHEMATICAL Computing, MATPLOTLIB for DATA VISUVALIZATION

Course		Year		Duration			Content	Course Outcomes
Certificate Course in Management & Leadership for computer Engineers	NA	2018-2019	1	48 hours	93	93	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams
Training & Certification in CISCO CCNA(CSE)	NA	2018-2019	1	48 hours	79	79	Network fundamentals,Network access,IP Connectivity,IP Services,Security Fundamentals,Automation and Programmability	• Student will be able to learn network fundamentals & servers • Student will be able to learn Configure and verify VLANs spanning multipleswitches • Student will be able to learn RapidPVST+SpanningTreeProtocoland identify basicoperation • Student will be able to learn Routing protocolcode, Security Fundamentals and Automation and Programmability
Introduction to Verilog & FPGA(ECE)	NA	2018-2019	1	100 hrs.	39	39	Advanced digital Circuits, RTL Design using Verilog, Verification using Verilog, Verification using System Verilog, Advanced FPGA concepts	Students will be able to analyse the use of procedural statements and routines in testbench design with system verilog. Students will be able to apply OOP concepts in designing testbench with system verilog.
Certificate in VLSI Design(ECE)	NA	2018-2019	1	100 hrs.	39	39	Design, Verification, Modelling of various analog and mixed signal blocks	Students will be able to apply the knowledge of verification in designing projects.Students will be able to get proficiency in methodologies for design and verification for VLSI.
MSP + ORCAD(EEE)	NA	2018-2019	1	40 Hrs	24	24	Types & Fabrication of PCB, Schematic alteration for PCB plan,Work on sample design projects	Students will be able to create and develop PCB design for mini and main projects
ELECTRICAL AUTOCAD(EEE)	NA	2018-2019	1	20 Hrs	15	15	Tools available in Electrical AutoCAD, Visual presentation of panel layout models and designing	Students will able to do multiple designs using different tools in AutoCAD, Students will design the elecrtical panel circuits
PPM CONCEPTS + PRIMAVERA(EEE)	NA	2018-2019	1	20 Hrs	15	15	Tracking Project Progress with Baseline & Risk management, Effective scheduling of work and easy prediction of Progress	Students are able to design the project sturucture with minimal budget constraints , Students will develop and monitor the status of roject in all the stages

Course		Year		Duration			Curriculum	Outcomes
Management and leadership(EEE)	NA	2018-2019	1	20 hrs	25	25	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams
DEVOPS (IS)	NA	2019-2020	1	40 hrs	50	50	The DevOps course curriculum is the stepping stone to a career which is rich in work of app development, web development, data sciences, machine learning and artificial intelligence.	1)The background and mindset of DevOps. 2) The practices of version control and configuration management that support DevOps. 3)How test automation supports DevOps. 4)The essentials of continuous integration (CI).
Management and leadership -	NA	2018-2019	1	42 hours	50	50	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams
Andriod application development(IS)	NA	2018-2019	1	42 hours	33	33	This Android App Development course builds on the introductory to Android Programming course and takes you further into Android app development.	1)Install and configure Android application development tools. 2)Design and develop user Interfaces for the Android platform. 3)Save state information across important operating system events.
ANSYS CFD(ME)	NA	2018-2019	1	40 Hrs	44	44	CFD problems- stability, error reduction and validation	Students will be able to apply the concept of CFD to industrial problems
UNIGRAPHICS NX ESSENTIAL(ME)	NA	2018-2019	1	40 Hrs	65	65	3D modelling, assembly and drafting using UG-NX software	Students will be able to create part models, Students will be able to create Assembly designs
PCB DESIGN CNC AUTOMATION,ANDROID APPLICATION AND IOT(ME)	NA	2018-2019	1	40 Hrs	63	63	CNC machine using arduino, PCB design & Manufacturing, Case study on IOT	Students will be able to understand the circuit of PCB, Students will be able to assemble thecomponents of PCB, Students will be able to build CNC machine prototype and control it through arduino
Training in Digital Marketing (MBA)	NA	2018-2019	1	2 Month	36	36	Digital display advertiisng, email marketing, Mobile marleting, SEM, SEOs, Google Adwords, Google Analytics, Google website Analyzer etc.	Students analyze the major digital marketing channels and learn to develop, evaluate, and execute a comprehensive digital marketing strategy and plan.

Training in HumanResources practices (MBA)	NA	2018-2019	1	2 Month	19	19	The focus of thistraining programme is on compliances under the various Labour Laws. It covers very vital aspect of actual HR work which HR executives are expected to be familiar with as any violation of compliances can result in fines being imposed by the Govt.	The objective is to deal with the various statutory compliances which the students are likely to follow, on placement in various organizations.Students will be familiarized with the methodology of maintenance of the records/registers
Training in SAP(MBA)	NA	2018-2019	1	2Month	96	96	Training in SAP is provided by SAP Authorized training partners in association with SAP. The trainings organized so far are R3 and B1 courses.	Students learn the details of an ERP software and get to practice on the software equipping thmeselves with the industry relevenat skills.
Training in Financial planning and Analysis (MBA)	NA	2018-2019	1	2Month	41	41	Stock Market& Regulatory structure of Financial Markets, Depositories, Depository Participants, Dematerialisation, Fundamental Analysis, Technical Analysis, Derivatives, Financial Planning	Students understands the broad framework of Indian financial system and learn about primary market and secondary market as an investment option
Capstone Business Simulation (MBA)	NA	2018-2019	1	2Month	96	96	Capstone is an online Business Simulation Placing individuals and teams in real life competitive business environments creates a more powerful, engaging and realistic learning experience than can be taught through case studies or textbooks.	Students learn a holistic apprach to run the business in the copetitive and dynamic marketing environment.
AWS/AZURE(MCA)	NA	2018-2019	1	40 hrs	21	21	AZURE/AWS REGIONS AND DATA CENTERS; UNDERSTANDING OF MICROSOFT AZURE PORTAL;INTRODUCTION TO ALL AWS;AWS/AZURE SUBSCRIPTION AND DEPLOYMENT	Students will be able to learn the cloud data centers; Students will be able to explore Azure portal ; Students will be able to identify the AWS essential services;Students will be able to understand the advanced features and deployment
Tensorflow (MCA)	NA	2018-2019	1	40 hrs	21	21	OPEN-SOURCE MACHINE LEARNING FRAMEWORK, TENSOR BASIC STRUCTURES, NEURAL NETWORK, CONVOLUTIONS TO IMPROVE NEURAL NETWORK	Students will be able to understand the open source framework, Students will be able to explore the tensor structures, Students learn to build the neural network for vision applications, Students will be able to understand the convolutions to improve the neural network
Tableau	NA	2018-2019	1	40 hrs	21	21	APPLICATION TERMINOLOGY AND DEFINITIONS, TABLEAU WORKSPACE, DATA SOURCE PAGE, MORE ON VISUALIZATIONS	Students will be able to understand the tableau environment, Students will be able to explore the workspace, Students will be able to learn the data sources, Students will be able to understand the advanced visualization

Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
DEVOPS (MCA)	NA	2018-2019	1	40 hrs	21	21	The DevOps course curriculum is the stepping stone to a career which is rich in work of app development, web development, data sciences, machine learning and artificial intelligence.	1)The background and mindset of DevOps. 2) The practices of version control and configuration management that support DevOps.　　3)How test automation supports DevOps.　　4)The essentials of continuous integration (CI).

2017-2018								
Name of the value added courses (with 30 or more contact hours)offered	**Course Code (if any)**	**Year of offering**	**No. of times offered during the same year**	**Duration of course**	**Number of students enrolled in the year**	**Number of Students completing the course in the year**	**Course Content**	**CO**
CATIA Solid works(AU)	NA	2017-2018	1	36 Hrs	16	16	Part and Assembly design	Students will be able to create part models, Students will be able to create Assembly design
Hypermesh(AU)	NA	2017-2018	1	36 Hrs	17	17	Meshing problems- stability, error reduction and validation	Students will be able to apply the concept of Analysis to industrial problems
Certificate Course on Vehicle Air conditioning system & Autotronics(AU)	NA	2017-2018	1	30 Hrs	17	17	Concept of vehicle air conditioning system and also various autotronics used in the Automobiles	Students will be able to get insight into the vehicle air conditioning system, Students will be able to analyse the various electronics components incorporated into the vehicle
Certificate course on Management & Leadership - For Automobile Engineers(AU)	NA	2017-2018	1	08 Hrs	13	13	Management and Leadership program	The student will be able to improve the management and leadership Skills
Primavera and E Survey(CIVIL)	NA	2017-2018	1	34hrs	82	64	Planning and scheduling	Students will learn project management, scheduling, risk analysis, opportunity management, resource management, collaboration and control capabilities
Primavera and 3DS Max(CIVIL)	NA	2017-2018	1	37hrs	60	46	3D modelling	Students will learn to model in 3D in 3Ds max. They learn to model houses and their rendering
ORACLE DBA(CSE)	NA	2017-2018	1	40 hrs	84	84	Database Introduction,Oracle Database 12c Architecture,Oracle Storage Structure ,Memory & Process Architecture,Alert & Trace files,Database Startup & User Requests,anaging data with ILM,Database Security,Database Schema Object,Database Resource Manager,Deep dive into Schema Objects	• Student will be able to Learn oracle database and system data • Student will be able to Learn Architecture of Oracle server and its key components • Student will be able to LearnOracle Storage structures and its table spaces • Student will be able to Learn Oracle Instance consists of background processes and memory structures, methodology of starting a database instance
Certificate Course in Management & Leadership for computer Engineers	NA	2017-2018	1	48 hours	84	84	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams

Course		Year		Hours			Course Content	Course Outcomes
CISCO CCNA(CSE)	NA	2017-2018	1	45 Hrs	93	93	Network fundamentals,Network access,IP Connectivity,IP Services,Security Fundamentals,Automation and Programmability	• Student will be able to learnnetwork fundamentals & servers • Student will be able to learn Configure and verify VLANs spanning multipleswitches • Student will be able to learn RapidPVST+SpanningTreeProtocoland identify basicoperation • Student will be able to learn Routing protocolcode, Security Fundamentals and Automation and Programmability
Certificate in VLSI Design (ASIC Verification)(ECE)	NA	2017-2018	1	100hrs.	44	44	Design, Verification, Modelling of various analog and mixed signal blocks	Students will be able to apply the knowledge of verification in designing projects, Students will be able to get proficiency in methodologies for design and verification for VLSI.
AUTOCAD 2D AND 3D(EEE)	NA	2017-2018	1	40 Hrs	15	15	Tools available in Electrical AutoCAD, Visual presentation of panel layout models and designing	Students will able to do multiple designs using different tools in AutoCAD, Students will design the elecrtical panel circuits
PRIMEVERA(EEE)	NA	2017-2018	1	40 Hrs	25	25	Tracking Project Progress with Baseline & Risk management, Effective scheduling of work and easy prediction of Progress	Students are able to design the project sturucture with minimal budget constraints , Students will develop and monitor the status of roject in all the stages
Andriod appliction development with android studio(IS)	NA	2017-2018	1	45 hours	50	50	This Android App Development course builds on the introductory to Android Programming course and takes you further into Android app development.	1)Install and configure Android application development tools. 2)Design and develop user Interfaces for the Android platform. 3)Save state information across important operating system events.
C# and .Net certification(IS)	NA	2017-2018	1	45 hours	50	50	This course of study builds the programming skills that are required for developers to create Windows applications using the Visual C# language.	1)Understand code solutions and compile C# projects within the .NET framework.2)Design and develop professional console and window based .NET application 3)Demonstrate knowledge of object-oriented concepts Design user experience and functional requirements C#.NET application.
Internet of things(IS)	NA	2017-2018	1	40 hours	33	33	In iot course,students learn the technical know-how of the IoT world and the open source hardware paradigm. Students learn the very nature of myriad components such as sensors and adapters. Also, gain a deep understanding of the raspberry pi board in our IoT course and with easy to follow step by step instruction install the operating system on it to make it functional.	1)Identify the Components that forms part of IoT Architecture. 2)determine the most appropriate IoT Devices and Sensors based on Case Studies. 3)setup the connections between the Devices and Sensors. 4)evaluate the appropriate protocol for communication between IoT.

Course		Year		Duration			Description	Outcome
Digital marketing and communication(IS)	NA	2017-2018	1	48 hours	31	31	This course train students in key areas of Digital Marketing & Communication and prepare them for marketing challenges in a digital world.	1. Define the core elements of Integrated Marketing Communications as a marketer's mindset 2. Describe the digital marketing communication processes 3. Critically appraise the integration of DMC into broader marketing strategies 4. Assess online marketing campaign case studies
CATIA ESSENTIAL TRAINING(ME)	NA	2017-2018	1	40 Hrs	55	55	3D modelling, assembly and drafting using UG-NX software	Students will be able to create part models, Students will be able to create Assembly designs
ANDROID TRAINING(ME)	NA	2017-2018	1	40 Hrs	46	46	Concept of OOPs, control structures, data structures, software design, networking	Students will be able to get insight into controlling ad monitoring mechanical devices through android app, Students will be able to write android programs for different applications
PCBDESIGN AND ANDROID(ME)	NA	2017-2018	1	40 Hrs	60	60	CNC machine using arduino, PCB design & Manufacturing	Students will be able to build CNC machine using arduino nano, Students will be able to design the embedded system using PCB
ANSYS CFD(ME)	NA	2017-2018	1	40 Hrs	43	43	CFD problems- stability, error reduction and validation	Students will be able to apply the concept of CFD to industrial problems
Training in Digital Marketing (MBA)	NA	2017-2018	1	2 Month	13	13	Digital display advertiisng, email marketing, Mobile marleting, SEM, SEOs, Google Adwords, Google Analytics, Google website Analyzer etc.	Students analyze the major digital marketing channels and learn to develop, evaluate, and execute a comprehensive digital marketing strategy and plan.
Training in HumanResources practices (MBA)	NA	2017-2018	1	2 Months	29	29	The focus of this training programme is on compliances under the various Labour Laws. It covers very vital aspect of actual HR work which HR executives are expected to be familiar with as any violation of compliances can result in fines being imposed by the Govt.	The objective is to deal with the various statutory compliances which the students are likely to follow, on placement in various organizations.Students will be familiarized with the methodology of maintenance of the records/registers
Training in SAP(MBA)	NA	2017-2018	1	2Months	96	96	Training in SAP is provided by SAP Authorized training partners in association with SAP. The trainings organized so far are R3 and B1 courses.	Students learn the details of an ERP software and get to practice on the software equipping thmeselves with the industry relevenat skills.
Training in Financial markets (MBA)	NA	2017-2018	1	2Months	53	53	Stock Market& Regulatory structure of Financial Markets, Depositories, Depository Participants, Dematerialisation, Fundamental Analysis, Technical Analysis, Derivatives, Financial Planning	Students understands the broad framework of Indian financial system and learn about primary market and secondary market as an investment option

Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
Capstone Business Simulation (MBA)	NA	2017-2018	1	2Months	96	96	Capstone is an online Business Simulation Placing individuals and teams in real life competitive business environments creates a more powerful, engaging and realistic learning experience than can be taught through case studies or textbooks.	Students learn a holistic apprach to run the business in the copetitive and dynamic marketing environment.
INTERNATIONAL STUDY TOUR PROGRAM(MBA)	NA	2017-2018	1	40 hrs	20	20	Global Students are taken for an International Industrial Tour of 5 to 6 days to learn the business practices of foreign countries . Previously, tours have been organized to China and Singapore & Malaysia	Students learn the international business practices, manufacturing processes, marketing startegies and various location advantages of businesses.
CORE JAVA(MCA)	NA	2017-2018	1	40 hrs	52	52	JAVA CORE FUNCTIONALITIES, HTTP PROTOCOL & HTTP METHODS, WEB SERVER & WEB CONTAINER, SERVLET INTERFACE	Students will be able to learn Java essential concepts, Students will be able to explore HTTP methods, Students will be able to develop Java based web applications , Students will be able to develop servlet programs
Python	NA	2017-2018	1	40 hrs	52	52	Python Environment Setup and Essential,Python language Basic Constructs,Oop Concepts In Python,Data Base Connection ,Num Py For Mathematical Computing,Scipy For Scientific Computing,Matplotlib For Data Visuvalization	• Student will be able to learn Python environmental setup programming language • Student will be able to learn Python various data types • Student will be able to learn NUM PY for MATHEMATICAL COMPUTING • Student will be able to learn NUM PY for MATHEMATICAL Computing, MATPLOTLIB for DATA VISUVALIZATION
Android App Development(MCA)	NA	2017-2018	1	40 hrs	52	52	This Android App Development course builds on the introductory to Android Programming course and takes you further into Android app development.	1)Install and configure Android application development tools. 2)Design and develop user Interfaces for the Android platform. 3)Save state information across important operating system events.
DataAnalytics (MCA)	NA	2017-2018	1	40 hrs	52	52	READING DATA INTO R, ACCESSING R PACKAGES, WRITING R FUNCTIONS, DEBUGGING, AND ORGANIZING WITH R	Students will be able to read varacious datasets, Students will be able to explore and access the packages, Students will be able to wirte their own R functions
2016-2017								
Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
Hypermesh(AU)	NA	2016 -2017	1	36 Hrs	12	12	Meshing problems- stability, error reduction and validation	Students will be able to apply the concept of Analysis to industrial problems
Certificate course on Management & Leadership - For Automobile Engineers(AU)	NA	2016 -2017	1	08 Hrs	13	13	Management and Leadership program	The student will be able to improve the management and leadership Skills

Unigraphics(AU)	NA	2016 -2017	1	36 Hrs	17	17	3D modelling, assembly and drafting using UG NX	Students will be able to create part models, Students will be able to create Assembly designs
MS Project(CIVIL)	NA	2016 -2017	1	40 Hrs	45	36	Project management	Students will be able to schedule tasks, track the tasks and analyse the workload
3D Building System(CIVIL)	NA	2016 -2017	1	40 Hrs	45	36	3D modelling	Students will learn to model in 3D in 3Ds max. They learn to model houses and their rendering
ETABS(Civil)	NA	2016 -2017	1	40 Hrs	19	15	Analyse and design tall buildings	Students will learn to analyse and design tall buildings. They are told about various features ETABS such as seismic analysis.
Training & Certification in ORACLE DBA(CSE)	NA	2016 -2017	1	48 hours	84	84	Database Introduction,Oracle Database 12c Architecture,Oracle Storage Structure ,Memory & Process Architecture,Alert & Trace files,Database Startup & User Requests,anaging data with ILM,Database Security,Database Schema Object,Database Resource Manager,Deep dive into Schema Objects	• Student will be able to Learn oracle database and system data • Student will be able to Learn Architecture of Oracle server and its key components • Student will be able to LearnOracle Storage structures and its table spaces • Student will be able to Learn Oracle Instance consists of background processes and memory structures,methodology of starting a database instance
Training & Certification with Python(CSE)	NA	2016 -2017	2	48 hours	177	177	Python Environment Setup and Essential,Python language Basic Constructs,Oop Concepts In Python,Data Base Connection ,Num Py For Mathematical Computing,Scipy For Scientific Computing,Matplotlib For Data Visuvalization	• Student will be able to learn Python environmental setup programming language • Student will be able to learn Python various data types • Student will be able to learn NUM PY for MATHEMATICAL COMPUTING • Student will be able to learn NUM PY for MATHEMATICAL Computing, MATPLOTLIB for DATA VISUVALIZATION
Certificate Course in Management & Leadership for computer Engineers	NA	2016 -2017	1	48 hours	84	84	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams

Course Name		Year		Duration	No. of students enrolled	No. of students completed	Course Content	Course Outcomes
Training & Certification in CISCO CCNA(CSE)	NA	2016 -2017	1	48 hours	84	84	Network fundamentals,Network access,IP Connectivity,IP Services,Security Fundamentals,Automation and Programmability	• Student will be able to learn network fundamentals & servers • Student will be able to learn Configure and verify VLANs spanning multipleswitches • Student will be able to learn RapidPVST+SpanningTreeProtocoland identify basicoperation • Student will be able to learn Routing protocolcode, Security Fundamentals and Automation and Programmability
Certificate in VLSI Design (ASIC Verification)(ECE)	NA	2016 -2017	1	100hrs.	53	53	Design, Verification, Modelling of various analog and mixed signal blocks	Students will be able to apply the knowledge of verification in designing projects, Students will be able to get proficiency in methodologies for design and verification for VLSI.
ORCAD+ LAB VIEW(EEE)	NA	2016 -2017	1	36 Hrs	25	25	Types & Fabrication of PCB, Schematic alteration for PCB plan, Work on sample design projects. Simple design patterns, Debugging tools and techniques	Students will be able to understand the fabrication of PCB design with systematic layout and plan, Students will be able to create and develop PCB design for mini and main projects during graduation. Students will understand the basic principles of data acquisition and control of the system
AUTOCAD 3D+ PCS (EEE)	NA	2016 -2017	1	30 Hrs	19	19	Tools provided by AutoCAD, Visual presentation of panel layout model, Generation of Reports	Students will able to do multiple designs using different tools in AutoCAD, Students will design the elecrtical panel circuits
Management and leadership(EEE)	NA	2016 -2017	1	10 hrs	19	19	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams
C# and .Net certification(IS)	NA	2016 -2017	1	45 hours	31	31	This course of study builds the programming skills that are required for developers to create Windows applications using the Visual C# language.	1)Understand code solutions and compile C# projects within the .NET framework.2)Design and develop professional console and window based .NET application 3)Demonstrate knowledge of object-oriented concepts Design user experience and functional requirements C#.NET application.

Management and leadership(IS)	NA	2016 -2017	1	42 hours	38	38	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams
Training & Certification in CISCO CCNA(ISE)	NA	2016 -2017	1	48 hours	49	49	Network fundamentals,Network access,IP Connectivity,IP Services,Security Fundamentals,Automation and Programmability	• Student will be able to learn network fundamentals & servers • Student will be able to learn Configure and verify VLANs spanning multipleswitches • Student will be able to learn RapidPVST+SpanningTreeProtocoland identify basicoperation • Student will be able to learn Routing protocolcode, Security Fundamentals and Automation and Programmability
ANSYS CFD TRAINING(ME)	NA	2016 -2017	1	40 Hrs	45	45	CFD problems- stability, error reduction and validation	Students will be able to apply the concept of CFD to industrial problems
Training in Digital Marketing (MBA)	NA	2016 -2017	1	2 Months	20	20	Digital display advertiisng, email marketing, Mobile marleting, SEM, SEOs, Google Adwords, Google Analytics, Google website Analyzer etc.	Students analyze the major digital marketing channels and learn to develop, evaluate, and execute a comprehensive digital marketing strategy and plan.
Training in HumanResources practices (MBA)	NA	2016 -2017	1	2 Months	8	8	The focus of thistraining programme is on compliances under the various Labour Laws. Syllabi in colleges only cover the statutory provisions but the practical aspect of compliances is largely neglected and this is a very vital aspect of actual HR work which HR executives are expected to be familiar with as any violation of compliances can result in fines being imposed by the Govt.	The objective is to deal with the various statutory compliances which the students are likely to follow, on placement in various organizations.Students will be familiarized with the methodology of maintenance of the records/registers
Training in SAP(MBA)	NA	2016 -2017	1	2Months	79	79	Training in SAP is provided by SAP Authorized training partners in association with SAP. The trainings organized so far are R3 and B1 courses.	Students learn the details of an ERP software and get to practice on the software equipping thmeselves with the industry relevenat skills.
Training in Financial markets (MBA)	NA	2016 -2017	1	2Months	51	51	Students understands the broad framework of Indian financial system and learn about primary market and secondary market as an investment option	Students understands the broad framework of Indian financial system and learn about primary market and secondary market as an investment option

Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
Capstone Business Simulation (MBA)	NA	2016 -2017	1	2Months	79	79	Capstone is an online Business Simulation Placing individuals and teams in real life competitive business environments creates a more powerful, engaging and realistic learning experience than can be taught through case studies or textbooks.	Students learn a holistic apprach to run the business in the copetitive and dynamic marketing environment.
RED HAT LINUX TRAINING AND CERTIFICATION(MCA)	NA	2016 -2017	1	40 hrs	29	29	RED HAT SYSTEM USER ADMINISTRATION COMMANDS, RED HAT SYSTEM GROUP ADMINISTRATION, REMOTE MONITORING SERVICES, SECURIITY, FILESYSTEMS AND CONTAINERS	Students will be able to execute the user administration commands, Students will be able to administer the group tasks, Students will be able to enable remote, Administration services, Students will be able to manage file system and containers.
DOT NET TRAINING AND CERTIFICATION FROM MICROSOFT (MCA)	NA	2016 -2017	1	40 hrs	29	29	MICROSOFT FRAMEWORK ARCHITECTURE, BUILDING WINDOWS APPLICATION, CREATE WEB APPLICATION USING .NET, APPLICATION SECURITY FEATURES	Students will be able to explore dot net framework, Students will be able to build windows application, Students will be able to build web application, Studetns will be able to apply security features.
CERTIFICATION COURSE IN MANAGEMENT & LEADERSHIP (MCA)	NA	2016 -2017	1	40 hrs	29	29	MOTIVATIONAL DRIVERS, EMOTIONAL INTELLIGENCE, AND COMMUNICATION METHODS, LEADERSHIP STYLE TO MEET SPECIFIC CHALLENGES, TEAM PERFORMANCE SKILLS , DEMANDING LEADERSHIP SITUATION SKILLS	Students will be able to establish personal leadership style, Studetns will be able to apply leadership style in life, Students will be able to manage team play, Students will be able to handle stressful situations.
WEB DESIGNING USING PHP AND PERL TRAINING(MCA)	NA	2016 -2017	1	40 hrs	29	29	HTML, CSS, JAVASCRIPT - COMMANDS AND FUNCTIONS, PHP WITH AJAX, REGULAR EXPRESSIONS. THE REGULAR EXPRESSION, OBJECT ORIENTED PERL	Students will be able to markup,stylesheet and client side functions, Students will be able to understand Advanced Java Script extensions, Students will be able to program with well-formed strings, Students will be able to execute PERL functions.
2015-2016								
Name of the value added courses (with 30 or more contact hours)offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Course Content	CO
Hypermesh(AU)	NA	2015 - 2016	1	36 Hrs	13	13	Meshing problems- stability, error reduction and validation	Students will be able to apply the concept of Analysis to industrial problems
Certificate program on Autotronics(AU)	NA	2015 - 2016	1	36 Hrs	28	28	PCB Board preparation and fabrication of mini working models	Students will be able to understand the circuit of PCB, Students will be able to assemble thecomponents of PCB
Automotive training at TVS(AU)	NA	2015 - 2016	1	36 Hrs	17	17	Training on dismantle and assemble of various engines	Students will be able to understand the various components present in the IC engine
Unigraphics(AU)	NA	2015 - 2016	1	36 Hrs	12	12	3D modelling, assembly and drafting using UG NX	Students will be able to create part models, Students will be able to create Assembly designs

3D studio max(civil)	NA	2015 - 2016	1	40 hrs	19	14	3D modelling	Students will learn to model in 3D in 3Ds max. They learn to model houses and their rendering
PRIMEVERA(civil)	NA	2015 - 2016	1	40 Hrs	23	18	Tracking Project Progress with Baseline & Risk management, Effective scheduling of work and easy prediction of Progress	Students will able to design the project sturucture with minimal budget constraints , Students will develop and monitor the status of project in all the stages
Training & Certification in ORACLE DBA(CSE)	NA	2015 - 2016	1	48 hours	91	91	Database Introduction,Oracle Database 12c Architecture,Oracle Storage Structure ,Memory & Process Architecture,Alert & Trace files,Database Startup & User Requests,anaging data with ILM,Database Security,Database Schema Object,Database Resource Manager,Deep dive into Schema Objects	• Student will be able to Learn oracle database and system data • Student will be able to Learn Architecture of Oracle server and its key components • Student will be able to LearnOracle Storage structures and its table spaces • Student will be able to Learn Oracle Instance consists of background processes and memory structures,methodology of starting a database instance
Training & Certification with Python(CSE)	NA	2015 - 2016	2	48 hours	84	84	Python Environment Setup and Essential,Python language Basic Constructs,Oop Concepts In Python,Data Base Connection ,Num Py For Mathematical Computing,Scipy For Scientific Computing,Matplotlib For Data Visuvalization	• Student will be able to learn Python environmental setup programming language • Student will be able to learn Python various data types • Student will be able to learn NUM PY for MATHEMATICAL COMPUTING • Student will be able to learn NUM PY for MATHEMATICAL Computing, MATPLOTLIB for DATA VISUVALIZATION
Certificate Course in Management & Leadership(CSE)	NA	2015 - 2016	1	48 hours	91	91	Introduction,Leadership Theory,Change Management And Desion Making ,Leading Without Formal Authority,Managing Groups And Teams	• Student will be able to learn management and leadership • Student will be able to learn leadership theory • Student will be able to learn change management and decision making • Student will be able to learn leading without formal authority, managing groups and teams
Training & Certification in CISCO CCNA(CSE)	NA	2015 - 2016	1	48 hours	84	84	Network fundamentals,Network access,IP Connectivity,IP Services,Security Fundamentals,Automation and Programmability	• Student will be able to learn network fundamentals & servers • Student will be able to learn Configure and verify VLANs spanning multipleswitches • Student will be able to learn RapidPVST+SpanningTreeProtocoland identify basicoperation • Student will be able to learn Routing protocolcode, Security Fundamentals and Automation and Programmability

Course Name		Year		Duration	Enrolled	Completed	Course Content	Course Outcome
Certificate in VLSI Design (ASIC Verification)(ECE)	NA	2015 - 2016	1	100hrs.	31	31	Design, Verification, Modelling of various analog and mixed signal blocks	Students will be able to apply the knowledge of verification in designing projects, Students will be able to get proficiency in methodologies for design and verification for VLSI.
ORCAD(EEE)	NA	2015 - 2016	1	20 Hrs	19	19	Types & Fabrication of PCB, Schematic alteration for PCB plan,Work on sample design projects	Students will be able to create and develop PCB design for mini and main projects
PRIMEVERA(EEE)	NA	2015 - 2016	1	20 Hrs	19	19	Types & Fabrication of PCB, Schematic alteration for PCB plan, Work on sample design projects	Students will be able to understand the fabrication of PCB design with systematic layout and plan, Students will be able to create and develop PCB design for mini and main projects during graduation
AUTOCAD 2D,3D(EEE)	NA	2015 - 2016	1	20 Hrs	19	19	Tools provided by AutoCAD, Visual presentation of panel layout model, Generation of Reports	Students will able to do multiple designs using different tools in AutoCAD, Students will design the elecrtical panel circuits
LAB VIEW(EEE)	NA	2015 - 2016	1	20 Hrs	19	19	Simple design patterns, Debugging tools and techniques	Students will understand the basic principles of data acquisition and control of the system
C# and .Net certification(IS)	NA	2015 - 2016	1	45 hours	38	38	This course of study builds the programming skills that are required for developers to create Windows applications using the Visual C# language.	1)Understand code solutions and compile C# projects within the .NET framework.2)Design and develop professional console and window based .NET application 3)Demonstrate knowledge of object-oriented concepts Design user experience and functional requirements C#.NET application.
Training & Certification in CISCO CCNA(ISE)	NA	2015 - 2016	1	48 hours	31	31	The CCNA program culminates in one certification that covers a wide range of fundamentals of networking. By combining the latest networking technologies with security, automation, and programmability.	1)After completion of the course the student will be able to manage Network for an Organization . 2)Gain knowledge of Computer Networks, various protocols used in communication. 3)Managing and configuring Cisco Switches and Routers and various WAN technologies.
Orcale JAVA(ISE)	NA	2015 - 2016	1	48 hours	38	38	Database Introduction,Oracle Database 12c Architecture,Oracle Storage Structure ,Memory & Process Architecture,Alert & Trace files,Database Startup & User Requests,anaging data with ILM,Database Security,Database Schema Object,Database Resource Manager,Deep dive into Schema Objects	• Student will be able to Learn oracle database and system data • Student will be able to Learn Architecture of Oracle server and its key components • Student will be able to LearnOracle Storage structures and its table spaces • Student will be able to Learn Oracle Instance consists of background processes and memory structures,methodology of starting a database instance

Program		Year		Duration			Focus/Content	Outcome
CATIA traning(ME)	NA	2015 - 2016	1	40 Hrs	42	42	3D modelling, assembly and drafting using CATIA software, importing the CAD model, Analysis using ansys	Students will be able to create part and assembly designs, students will be able to import the models from CATIA to ANSYS using IGS file, Students will be able to analyse the part and assembly models in ANSYS
Android Control Robotic workshop(ME)	NA	2015 - 2016	1	40 Hrs	75	75	Android Programmming,Robot Congigurations,Building of Robot(prototype)	• Students will be able to Learn the concepts of Android programming • Students will be able to have a knowledge of Robot confifuration • Students will be able to build the Robot prototype and control it using Android programs for varoius tasks
PCB Design and Automation(ME)	NA	2015 - 2016	1	40 Hrs	65	65	CNC machine using arduino, PCB design & Manufacturing	Students will be able to build CNC machine using arduino nano, Students will be able to design the embedded system using PCB
CFD TRAINING(ME)	NA	2015 - 2016	1	40 Hrs	57	57	CFD problems- stability, error reduction and validation	Students will be able to apply the concept of CFD to industrial problems
Training in Digital Marketing (MBA)	NA	2015 - 2016	1	2 Months	34	34	Digital display advertiisng, email marketing, Mobile marleting, SEM, SEOs, Google Adwords, Google Analytics, Google website Analyzer etc.	Students analyze the major digital marketing channels and learn to develop, evaluate, and execute a comprehensive digital marketing strategy and plan.
Training in HumanResources practices (MBA)	NA	2015 - 2016	1	2 Months	22	22	The focus of thistraining programme is on compliances under the various Labour Laws. Syllabi in colleges only cover the statutory provisions but the practical aspect of compliances is largely neglected and this is a very vital aspect of actual HR work which HR executives are expected to be familiar with as any violation of compliances can result in fines being imposed by the Govt.	The objective is to deal with the various statutory compliances which the students are likely to follow, on placement in various organizations.Students will be familiarized with the methodology of maintenance of the records/registers
Training in Financial markets (MBA)	NA	2015 - 2016	1	2Months	60	60	Students understands the broad framework of Indian financial system and learn about primary market and secondary market as an investment option	Students understands the broad framework of Indian financial system and learn about primary market and secondary market as an investment option
INTERNATIONAL STUDY TOUR PROGRAM(MBA)	NA	2015 - 2016	1	40 hrs	8	8	Global Students are taken for an International Industrial Tour of 5 to 6 days to learn the business practices of foreign countries . Previously, tours have been organized to China and Singapore & Malaysia	Students learn the international business practices, manufacturing processes, marketing startegies and various location advantages of businesses.

RED HAT LINUX TRAINING AND CERTIFICATION(MCA)	NA	2015 - 2016	1	40 hrs	29	29	RED HAT SYSTEM USER ADMINISTRATION COMMANDS, RED HAT SYSTEM GROUP ADMINISTRATION, REMOTE MONITORING SERVICES, SECURIITY, FILESYSTEMS AND CONTAINERS	Students will be able to execute the user administration commands, Students will be able to administer the group tasks, Students will be able to enable remote, Administration services, Students will be able to manage file system and containers.
DOT NET TRAINING AND CERTIFICATION FROM MICROSOFT(MCA)	NA	2015 - 2016	1	40 hrs	29	29	MICROSOFT FRAMEWORK ARCHITECTURE, BUILDING WINDOWS APPLICATION, CREATE WEB APPLICATION USING .NET, APPLICATION SECURITY FEATURES	Students will be able to explore dot net framework, Students will be able to build windows application, Students will be able to build web application, Studetns will be able to apply security features.
CERTIFICATION COURSE IN MANAGEMENT & LEADERSHIP (MCA)	NA	2015 - 2016	1	40 hrs	29	29	MOTIVATIONAL DRIVERS, EMOTIONAL INTELLIGENCE, AND COMMUNICATION METHODS, LEADERSHIP STYLE TO MEET SPECIFIC CHALLENGES, TEAM PERFORMANCE SKILLS , DEMANDING LEADERSHIP SITUATION SKILLS	Students will be able to establish personal leadership style, Studetns will be able to apply leadership style in life, Students will be able to manage team play, Students will be able to handle stressful situations.
WEB DESIGNING USING PHP AND PERL TRAINING(MCA)	NA	2015 - 2016	1	40 hrs	29	29	HTML, CSS, JAVASCRIPT - COMMANDS AND FUNCTIONS, PHP WITH AJAX, REGULAR EXPRESSIONS. THE REGULAR EXPRESSION, OBJECT ORIENTED PERL	Students will be able to markup,stylesheet and client side functions, Students will be able to understand Advanced Java Script extensions, Students will be able to program with well-formed strings, Students will be able to execute PERL functions.

Courses Offered

UG Programs

B.E. (Bachelor of Engineering)

- Biotechnology
- Civil Engineering
- Mechanical Engineering
- Automobile Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Information Science & Engineering
- Electronics & Communication Engineering

Chhatrapati Shivaji Block

PG Programs

M.Tech (Master of Technology)

- Machine Design
- Software Engineering
- Communication Systems
- Aeronautical Engineering
- Computer Science & Engineering
- VLSI Design & Embedded Systems
- Computer Network Engineering
- Computer Integrated Manufacturing

MCA (Master of Computer Applications)
MBA (Master of Business Administration)
Research Programs
Ph.D / M.Sc (Engg) in
CSE, ISE, ECE, EEE, ME, BT, Maths
Computer Applications & Management Studies

Computer Science & Engineering

2015 - 16

Sl. No	Academic Features - Employment centric syllabus designed as per Industry expectations	G	P	E
1	B.E. Degree (Visvesvaraya Technological University)	√	√	√
2	Institute of Electrical and Electronics Engineers (IEEE) Membership	√	√	√
3	Computer Society of India (CSI) Membership	√	√	√
4	Industrial Visit	√	√	√
5	Guest Lectures by eminent experts	√	√	√
6	Organizing Workshops on recent trends in Computer Science & Engineering	√	√	√
7	Technical Students Symposium / Conference	√	√	√
8	Organizing Seminars on recent Developments in Computer Science & Engineering	√	√	√
9	Quantitatives for Engineer (Industry Oriented)	√	√	√
10	Life Skill for Engineers (Industry Oriented)	√	√	√
11	Resume writing workshop (Industry Oriented)	√	√	√
12	Placement Assistance	√	√	√
13	Coaching and Remedial Classes	√	√	√
14	Enabling students to prepare to participate in various in house competitions	√	√	√
15	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter University competitions	√	√	√
16	Enabling students for Review/research presentations in conferences/seminars	√	√	√
17	Enabling students for publications in proceedings and journals	√	√	√
18	Mentoring	√	√	√
19	Students' Professional counseling	√	√	√
20	Guidance for Education loans and bank formalities	√	√	√
21	Business English Certification Programme	√	√	√
22	Mock Viva-Voce	√	√	√
23	Software Testing Automation- Certification	√	√	√
	Global and Professional Skill Incremental Program (By Industry Experts)			
1	Training and Certification in Core Java	√	√	X
2	Training and Certification in CISCO CCNA	√	√	X
3	Training and Certification in ORACLE DBA	√	√	X
4	Certificate Course in Management and Leadership	√	√	X
5	International Industrial Visit	√	X	X

"In this land of ..... career choice and job satisfaction don't complement each other. But NHCE PLACEMENTS has just provided me that and I am indebted to them for such a selfless favor to a budding engineer."

S.Supriya, CSE
Sony India

Civil Engineering

Sl. No	Academic Features - Employment centric syllabus designed as per Industry expectations	G	P	E
1	B.E. Degree (Visvesvaraya Technological University)	√	√	√
2	American Society of Civil Engineers (ASCE) 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 in National, International Seminar	√	√	√
9	Quantitatives for Engineer (Industry Oriented)	√	√	√
10	Life Skill for Engineers (Industry Oriented)	√	√	√
11	Resume writing workshop (Industry Oriented)	√	√	√
12	Placement Assistance	√	√	√
13	Certified Business English Course	√	√	√
14	Coaching and Remedial Classes	√	√	√
15	Enabling and encouraging students to prepare to participate in various in house competitions	√	√	√
16	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter University competitions.	√	√	√
17	Mentoring	√	√	√
18	Mock Viva-Voce	√	√	√
19	Students' Professional counseling	√	√	√
20	Guidance for Education loans and bank formalities	√	√	√
21	Study of practical issues in construction	√	√	√
Global and Professional Skill Incremental Program (By Industry Experts)				
1	Training and certification program in Primavera	√	√	X
2	Training and certification program in Total Station and GIS	√	√	X
3	Certificate Course in Management and Leadership	√	√	X
4	International Industrial Visit	√	X	X

Electrical and Electronics Engineering

Sl. No	Academic Features - Employment centric syllabus designed as per Industry expectations	G	P	E
1	B.E. Degree (Visvesvaraya Technological University)	√	√	√
2	Institute of Electrical and Electronics Engineers (IEEE) Membership	√	√	√
3	Industrial Visit	√	√	√
4	Guest lectures by eminent experts	√	√	√
5	Organizing Workshops on recent trends in Electrical & Electronic Engineering	√	√	√
6	Technical students symposium/conference	√	√	√
7	Organizing Seminars on recent Developments in Electrical & Electronic Engineering	√	√	√
8	Participation in National / International Seminars	√	√	√
9	Quantitatives for Engineer (Industry Oriented)	√	√	√
10	Life Skill for Engineers (Industry Oriented)	√	√	√
11	Resume writing workshop (Industry Oriented)	√	√	√
12	Placement Assistance	√	√	√
13	Certified Business English Course	√	√	√
14	Coaching and Remedial Classes	√	√	√
15	Enabling and Encouraging students to prepare to participate in various in house competitions	√	√	√
16	Enabling and Encouraging students to prepare to participate in various inter-collegiate and inter University competitions	√	√	√
17	Mentoring	√	√	√
18	Mock viva-voce	√	√	√
19	Students' Professional counseling	√	√	√
20	Guidance for Education loans and bank formalities	√	√	√
21	AUTOCAD 2D & 3D	√	√	√
Global and Professional Skill Incremental Program (By Industry Experts)				
1	PPM Concepts + Primavera	√	√	X
2	MSP + Orcad	√	√	X
3	Labview	√	√	X
4	Certification Course in Management & Leadership	√	√	X
5	International Industrial Visit	√	X	X

"I have been staying in hostel from past 3 years and it has been good experience. Hostel has given so much of life experience. It has good mess as well as security. One feels a lot safe, staying in hostel rather then staying out".

Neeraj
Civil Engg.

"Quality training and support provides at **NHCE** makes placement a reality".

Saurav Mishra, EEE
Wipro Technologies

Electronics and Communication Engineering

Sl. No	Academic Features – Employment centric syllabus designed as per Industry expectations	G	P	E
1	B.E. Degree (Visvesvaraya Technological University)	√	√	√
2	Institute of Electrical and Electronics Engineers (IEEE) Membership	√	√	√
3	Industrial Visit	√	√	√
4	Guest Lectures by eminent experts	√	√	√
5	Organizing Workshops on recent trends in Electronics & Communications	√	√	√
6	Organizing Seminars on recent Developments in Electronics & Communications	√	√	√
7	Technical Students Symposium / Conference	√	√	√
8	Quantitatives for Engineer (Industry Oriented)	√	√	√
9	Life Skill for Engineers (Industry Oriented)	√	√	√
10	Resume writing workshop (Industry Oriented)	√	√	√
11	Participation in National, International Seminar	√	√	√
12	Placement Assistance	√	√	√
13	Certified Business English Course	√	√	√
14	Coaching and Remedial Classes	√	√	√
15	Enabling and encouraging students to prepare to participate in various in house competitions	√	√	√
16	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter University competitions	√	√	√
17	Mentoring	√	√	√
18	Mock Viva-Voce	√	√	√
19	Students' Professional counseling	√	√	√
20	Guidance for Education loans and bank formalities	√	√	√
21	Training on Business Development Initiative	√	√	√
	Global and Professional Skill Incremental Program (By Industry Experts)			
1	Certificate in VLSI Design or Certificate in Embedded Design	√	√	X
2	Certificate course in Management and Leadership	√	√	X
3	Certificate in Computer Networks	√	√	X
4	International Industrial Visit	√	X	X

Information Science & Engineering

Sl. No	Academic Features – Employment centric syllabus designed as per Industry expectations	G	P	E
1	B.E. Degree (Visvesvaraya Technological University)	√	√	√
2	Institute of Electrical and Electronics Engineers (IEEE) Membership	√	√	√
3	Computer Society of India (CSI) Membership	√	√	√
4	I T Based Industrial Visit	√	√	√
5	Guest Lectures by eminent experts	√	√	√
6	Organizing Workshops on recent trends in Information Science & Engineering	√	√	√
7	Organizing Seminars on recent Developments in Information Science & Engineering	√	√	√
8	Technical Students Symposium	√	√	√
9	Quantitatives for Engineer (Industry Oriented)	√	√	√
10	Life Skill for Engineers (Industry Oriented)	√	√	√
11	Resume writing workshop (Industry Oriented)	√	√	√
12	Embedded systems	√	√	√
13	Participation in National, International Seminar	√	√	√
14	Placement Assistance	√	√	√
15	Certified Business English Course	√	√	√
16	Coaching and Remedial Classes	√	√	√
17	Enabling and encouraging students to prepare to participate in various in house competitions	√	√	√
18	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter University competitions	√	√	√
19	Mentoring	√	√	√
20	Mock Viva-Voce	√	√	√
21	Students' Professional counseling	√	√	√
22	Guidance for Education loans and bank formalities	√	√	√
23	Training in ORACLE DBA for certification	√	√	√
	Global and Professional Skill Incremental Program (By Industry Experts)			
1	SUN JAVA certification training	√	√	X
2	CISCO CCNA certification training	√	√	X
3	Microsoft C # and .Net certification training	√	√	X
4	Certificate Course in Management and Leadership	√	√	X
5	Computer Maintenance	√	√	X
6	International Industrial Visit	√	X	X

MBA Program is available in three different streams
G- Global, P- Professional, E- Executive

Sl. No	Industry Integrated Academic Features	G	P	E	Sem
1	MBA from VTU	√	√	√	I-IV
2	All India Management Association Membership	√	√	√	III
3	Training in SPSS	√	√	√	IV
4	Training in Advance Excel in Business	√	√	√	II
5	Workshop on Stock Market Operations	√	√	√	II
6	Certificate in Entrepreneurship Development	√	√	√	II-III
7	Business Incubation Opportunity	√	√	√	I-IV
8	Review Workshop on Business & Finance News	√	√	√	I-IV
9	Training in Online Publication skills	√	√	√	I-IV
10	Competency Mapping & Profiling workshop	√	√	√	II-III
11	Specialization Orientation workshop & Certification	√	√	√	II
12	Industry Sectoral Analysis Workshop	√	√	√	II
13	Membership in HR, Finance & Marketing Clubs	√	√	√	III
14	Membership to New Horizon Alumni Forum	√	√	√	III-IV
15	Corporate Supported Projects	√	√	√	III-IV
16	Training in Leadership Development	√	√	√	II-IV
17	Training in Project Report Writing and Presentation Skills	√	√	√	IV
18	Training in Case Writing and Analysis Techniques	√	√	√	II
19	Guest Lectures from Industry experts	√	√	√	I-IV
20	Local Industrial Visits	√	√	√	I-IV
Skill Enhancement for Global (G) and Professional (P) Programs					
21	Training in Digital Marketing (Marketing) Training in Human Resource practices (HR) Training in Financial markets (Finance)	√	√	x	III-IV
22	Training in SAP	√	√	x	III-IV
23	Capstone Business Simulation	√	√	x	III-IV
24	International Industrial Visit	√	x	x	III-IV

Pre-placement Training

Training in Business English, Soft Skills Training, Quantitative Aptitude Training, Interview Skills Prep Workshop and CV writing Workshop will be provided to the students at an extra cost.

Consortium e-resources packages will be provided to the students at an extra cost.

Optional Value Added Programs

- Training in Data Analytics (**Business Intelligence & Business Analytics**) will be provided to the interested students at an extra cost.
- **Training in Foreign Language**: Suggestive – Mandarin (Chinese)/Spanish/French will be provided to the interested students at an extra cost.
- **National Industrial Visit** will be provided to the interested students at an additional cost.

TRAINING & PLACEMENTS 2015-16

New Horizon College of Engineering supports students in getting placed with organizations, while studying in the final year of their course. The Institute seeks feedback from recruiters, so as to prepare students better, to fit into the corporate world and meet mandatory expectations from hiring companies. As a result of this exercise, industry relevant topics are identified for students to get trained. These interventions are implemented from the first semester of their course so as to enhance their skills and knowledge in certain professional areas and thereby, better fit into the professional world.

The training program encompasses four stage process to train students to make them ready for the industry and develops the etiquettes for corporate world.

- Business English Communication
- Quantitative Aptitude Development
- Attitude and Behavioral Development
- Exclusive CV preparation Workshop

100% Placement opportunity is provided to MBA students

STUDENTS TESTIMONIALS

I'm happy that I have got placed even before the end of my course. This wouldn't have been possible without the support and guidance of NHCE Placement Cell. I sincerely thank the Placement Department.

Ragini
ICICI

I have a very good learning experience in NHCE. Sessions conducted by the Placement department on weekly basis helped me to showcase my talent during interviews.

Vishnu B. N
Thomson Reuters

I have got an opportunity to work in my dream company. I am very happy to be placed through the campus drive. I have had a wonderful experience in NHCE. The training and placement classes have helped me a lot in building various skill sets required by the industry.

Ashok
Morgan Stanley

Our Recruiters

And Many More...

About NHEI

New Horizon Educational Institution, Estd. in 1970, is dedicated towards creating tomorrow's leaders and supporting today's pioneers. NHEI has over 45 years of history as the flagship of kindergarten to higher education in Bangalore. The institution aims to emerge as an internationally recognized fully integrated institute and as the center of higher learning.

About NHCE

New Horizon College of Engineering, Estd. in 2001, is a premier institute that has carved a niche for itself in the field of technical education. NHCE 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 of experience and expertise. NHCE has a scenic and serene campus surrounded by major information technology giants like Intel, Accenture, Aricent, Cisco, JP Morgan, Symphony etc. NHCE provides an environment that is conducive to personal, intellectual and professional growth.

Courses Offered

B.E. (Bachelor of Engineering)

- Automobile Engineering
- Biotechnology
- Civil Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Information Science & Engineering
- Mechanical Engineering

MBA (Master of Business Administration)
MCA (Master of Computer Applications)

M.Tech (Master of Engineering)

- Aeronautical Engineering
- Communication Systems
- Computer Network Engineering
- Computer Science & Engineering
- Machine Design
- Software Engineering
- VLSI Design & Embedded Systems

Research Programs

Ph.D / M.Sc (Engg) in
CSE, ISE, ECE, EEE, ME, BT, Maths
Computer Applications & Management Studies
New Horizon College of Engineering

5

2016-17

MASTER OF BUSINESS ADMINISTRATIONS

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	MBA from VTU	√	√	√	I-IV
2	All India Management Association Membership	√	√	√	III
3	Training in SPSS	√	√	√	IV
4	Training in Advance Excel in Business	√	√	√	II
5	Workshop on Stock Market Operations	√	√	√	II
6	Certificate in Entrepreneurship Development	√	√	√	II-III
7	Business Incubation Opportunity	√	√	√	I-IV
8	Review Workshop on Business & Finance News	√	√	√	I-IV
9	Training in Online Publication skills	√	√	√	I-IV
10	Competency Mapping & Profiling workshop	√	√	√	II-III
11	Specialization Orientation workshop & Certification	√	√	√	II
12	Industry Sectoral Analysis Workshop	√	√	√	II
13	Membership in HR, Finance & Marketing Clubs	√	√	√	III
14	Membership to New Horizon Alumni Forum	√	√	√	III-IV
15	Corporate Supported Projects	√	√	√	III-IV
16	Training in Leadership Development	√	√	√	II-IV
17	Training in Project Report Writing and Presentation Skills	√	√	√	IV
18	Training in Case Writing and Analysis Techniques	√	√	√	II
19	Guest Lectures from Industry experts	√	√	√	I-IV
20	Local Industrial Visits	√	√	√	I-IV

Global and Professional Skill Incremental Program (By Industry Experts)

Sl. No		G	P	E	SEM
21	Training in Digital Marketing (Marketing) Training in Human Resource practices (HR) Training in Financial markets (Finance)	√	√	X	III-IV
22	Training in SAP	√	√	X	III-IV
23	Capstone Business Simulation from Capsim Inc USA	√	√	X	II-IV
24	International Industrial Visit	√	X	X	III-IV

Pre-placement Training

Training in Business English, Soft Skills Training, Quantitative Aptitude Training, Interview Skills Prep Workshop and CV writing Workshop will be provided to the students at an extra cost.

Consortium e-resources packages will be provided to the students at an extra cost.

Optional Value Added Programs

- Training in Data Analytics (**Business Intelligence & Business Analytics**) will be provided to the interested students at an extra cost.
- **Training in Foreign Language:** Suggestive – Mandarin (Chinese)/Spanish/French will be provided to the interested students at an extra cost.
- **National Industrial Visit** will be provided to the interested students at an additional cost.

MASTER OF COMPUTER APPLICATIONS

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	P	E	SEM
1	MCA Degree (Visvesvaraya Technological University)	√	√	I-VI
2	Computer Society of India (CSI) Membership	√	√	II
3	Industrial Visit	√	√	III-VI
4	Guest Lectures by eminent experts	√	√	I-VI
5	Organizing Workshops	√	√	III-VI
6	Technical Students Symposium	√	√	II-VI
7	Club activities	√	√	I-VI
8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	I-VI
9	Bridge Course Certificate by NHCE	√	√	I
10	Quantatives for Engineer (Industry Oriented)	√	√	III-V
11	Infosys Foundation Programme certificate by Infosys	√	√	IV
12	Collaborating with faculty in Research	√	√	II-VI
13	English Communication Coaching	√	√	II
14	Coaching and remedial classes	√	√	I-VI
15	Enabling and Encouraging students to prepare to participate in various in-house competitions	√	√	I-VI
16	Enabling and Encouraging students to prepare to participate in various inter-Collegiate and inter-University competitions	√	√	I-VI
17	Mentoring	√	√	I-VI
18	Resume writing workshop (Industry Oriented)	√	√	IV
19	Mock Viva-Voice	√	√	II-VI
20	Professional students Counseling	√	√	I-VI

Professional Skill Incremental Program (By Industry Experts)

Sl. No		P	E	SEM
21	Training on Red Hat Linux Course	√	X	III
22	Training on Dot Net Course	√	X	IV
23	Training in Management and Leadership	√	X	V
24	Android Application Development course	√	X	V

All the courses are available in 3 different streams **G-Global, P-Professional, E-Executive**

2016-17

INFORMATION SCIENCE & ENGINEERING

ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
Indian Society for Technical Education (ISTE) Institute Membership	√	√	√	III-IV
Institute of Electrical and Electronics Engineer (IEEE) Membership	√	√	√	III-IV
Computer Society of India (CSI) Membership	√	√	√	III
I.T Based Industrial Tour	√	√	√	III-VIII
Guest Lectures by eminent experts	√	√	√	I-VIII
Organizing Workshops	√	√	√	III-VIII
Organizing Seminars	√	√	√	I-VIII
Technical Students Symposium / Conference	√	√	√	III-VIII
Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	I-VIII
Coaching and Remedial Classes	√	√	√	I-VIII
Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
Enabling and encouraging students to participate in various inter collegiate & inter-Univ. competitions	√	√	√	I-VIII
Mentoring	√	√	√	I-VIII
Mock Viva-Voce	√	√	√	VII-VIII
Professional students counseling	√	√	√	I-VIII
Exclusive CV Writing Workshop	√	√	√	VI-VII
Guidance for Education loans and bank formalities	√	√	√	I-VII
Global and Professional Skill Incremental Program (By Industry Experts)				
ORACLE JAVA certificate (O)(CP)	√	√	X	V
CISCO CCNA Certificate	√	√	X	IV
ANDROID / HADOOP Certificate	√	√	X	VI
Microsoft C # and .Net certificate	√	√	X	VI/VII
Certificate Course in Management and Leadership	√	√	X	VII
International Industrial Visit	√	X	X	VII-VIII

MECHANICAL ENGINEERING

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I - VIII
2	Indian Society for Technical Education (ISTE) membership	√	√	√	V - VI
3	Industrial Visit	√	√	√	III - VIII
4	Guest lecture by eminent experts	√	√	√	III - VIII
5	Organising workshops on recent trends in Mechanical Engineering	√	√	√	III - VIII
6	Technical students symposium	√	√	√	III - VIII
7	Organising Seminars on recent Developments in Mechanical Engineering	√	√	√	III - VIII
8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	III - VIII
9	Resume writing workshop (Industry Oriented)	√	√	√	VII
10	Coaching and Remedial Classes	√	√	√	I - VIII
11	Enabling and encouraging students to prepare to participate in various in house competitions	√	√	√	I - VIII
12	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter university competitions	√	√	√	I - VIII
13	Mentoring	√	√	√	I - VIII
14	Mock viva - voce	√	√	√	I - VIII
15	Students Professional counseling	√	√	√	I - VIII
16	Guidance for Education loans and bank formalities	√	√	√	I - VII
	Global and Professional Skill Incremental Program (By Industry Experts)				
17	CATIA / NX / ProE	√	√	X	III-IV
18	Hypermesh / Ansys Regular / Nastron or Patron / Ansys CFX	√	√	X	V-VI
19	C / C++ / Android Application Software for the Mechanical Engineering Applications	√	√	X	VI-VII
20	PCB Design and automation Certification Course	√	√	X	V-VI
21	Certification course in Management & Leadership	√	√	X	VII-VIII
22	International Industrial Visit	√	X	X	VII-VIII

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ELECTRICAL AND ELECTRONICS ENGINEERING

SI. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Institute of Electrical and Electronics Engineers (IEEE) Institute Memberships	√	√	√	III
3	Industrial Visit	√	√	√	III-VIII
4	Guest Lectures by Eminent experts	√	√	√	III-VIII
5	Organizing Workshops on recent trends in Electrical & Electronics Engineering	√	√	√	III-VIII
6	Organizing Seminars on recent Developments in Electrical & Electronics Engineering	√	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	√	III-VIII
8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	III-VIII
9	Resume writing workshop (Industry Oriented)	√	√	√	VI-VII
10	Coaching and Remedial Classes	√	√	√	I-VIII
11	Enabling and Encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
12	Enabling and Encouraging students to prepare to participate in various inter-Collegiate and Inter University competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII
14	Mock viva-voce	√	√	√	I-VIII
15	Student's Professional Counseling	√	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	√	I-VII

Global and Professional Skill Incremental Program (By Industry Experts)

SI. No		G	P	E	SEM
17	PPM Concepts + Primera	√	√	X	V-VI
18	MSP + Orcad	√	√	X	V-VI
19	Lab View	√	√	X	VII-VIII
20	Certificate Course in Management and Leadership	√	√	X	VII
21	International Industrial Visit	√	X	X	VII-VIII

ELECTRONICS AND COMMUNICATION ENGINEERING

SI. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Institute of Electrical and Electronics Engineer (IEEE) Institute Membership	√	√	√	III
3	Industrial Visit	√	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	√	I-VIII
5	Organizing Workshops on recent trends in Electronics & Communications	√	√	√	III-VIII
6	Organizing Seminars on recent Developments in Electronics & Communications	√	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	√	III-VIII
8	Exclusive CV writing workshop	√	√	√	VI
9	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	I-VIII
10	Coaching and Remedial Classes	√	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
12	Enabling and encouraging students to participate in various inter collegiate & Inter-Univ competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII
14	Mock Viva/Voce	√	√	√	VII-VIII
15	Professional students counseling	√	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	√	I-VII

Global and Professional Skill Incremental Program (By Industry Experts)

SI. No		G	P	E	SEM
17	Certificate in VLSI Design OR Certificate in Embedded Design	√	√	X	IV-VII
18	Certificate course in Management and Leadership	√	√	X	VI-VII
19	International Industrial Visit	√	X	X	VII-VIII

"Quality training and support provided at **NHCE** makes placement a reality".

Saurav Mishra, EEE
Wipro Technologies

" Due to the effort of placement department we have seen some amazing companies visit the campus, with almost all the eligible getting placed. I would like to extend my gratitude towards the department for their commendable contribution towards our careers".

Ankit Mishra, EC
Sony India

2016-17

CIVIL ENGINEERING

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Indian Concrete Institute Membership	√	√	√	V-VI
3	Indian Society for Technical Education Membership	√	√	√	V-VI
4	Industrial Visit	√	√	√	III-VIII
5	Guest Lectures by Eminent experts	√	√	√	III-VIII
6	Organizing Workshops on recent trends in Civil Engineering	√	√	√	III-VIII
7	Organizing Seminars on recent Developments in Civil Engineering	√	√	√	III-VIII
8	Technical Students Symposium / Conference	√	√	√	III-VIII
9	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	III-VIII
10	Resume writing workshop (Industry Oriented)	√	√	√	VI
11	Coaching and Remedial Classes	√	√	√	I-VIII
12	Enabling and Encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
13	Enabling and Encouraging students to prepare to participate in various Inter-Collegiate and Inter University competitions	√	√	√	I-VIII
14	Mentoring	√	√	√	I-VIII
15	Mock viva-voce	√	√	√	I-VIII
16	Student's Professional Counseling	√	√	√	I-VIII
17	Guidance for Education loans and bank formalities	√	√	√	I-VIII
	Global and Professional Skill Incremental Program (By Industry Experts)				
18	Training and Certification program in Primavera	√	√	X	V-VI
19	Training and Certification program in Total Station and GIS	√	√	X	IV-V
20	Certificate Course in Management and Leadership	√	√	X	VII
21	International Industrial Visit	√	X	X	VII-VIII

COMPUTER SCIENCE & ENGINEERING

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Computer Society of India- Membership	√	√	√	III
3	Institute of Electrical & Electronics Engineer (IEEE) Institute Membership	√	√	√	III
4	Industrial Visit	√	√	√	III-VIII
5	Guest Lectures by Eminent experts	√	√	√	III-VIII
6	Organizing Workshops on recent trends in Computer Science Engineering	√	√	√	III-VIII
7	Organizing Seminars on recent Developments in Computer Science Engineering	√	√	√	III-VIII
8	Technical Students Symposium / Conference	√	√	√	III-VIII
9	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	III-VIII
10	Resume writing workshop (Industry Oriented)	√	√	√	VI
11	Coaching and Remedial Classes	√	√	√	I-VIII
12	Enabling and Encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
13	Enabling and Encouraging students to prepare to participate in various Inter-Collegiate and Inter University competitions	√	√	√	I-VIII
14	Mentoring	√	√	√	I-VIII
15	Mock viva-voce	√	√	√	I-VIII
16	Student's Professional Counseling	√	√	√	I-VIII
17	Guidance for Education loans and bank formalities	√	√	√	I-VIII
	Global and Professional Skill Incremental Program (By Industry Experts)				
18	CCNA Training	√	√	X	V-VI
19	ORACLE DBA Training	√	√	X	IV-V
20	CORE JAVA Training	√	√	X	VII-VIII
21	Certificate Course in Management and Leadership	√	√	X	VII
22	International Industrial Visit	√	X	X	VII-VIII

Principal

AUTOMOBILE ENGINEERING

BIOTECHNOLOGY 2016-17

SI. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM	SI. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII	1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Indian Society for Technical Education Membership	√	√	√	V-VI	2	Indian Society for Technical Education Membership	√	√	√	V-VI
3	Industrial Visit	√	√	√	III-VIII	3	ABLE Membership	√	√	√	V-VI
4	Guest Lectures by Eminent experts	√	√	√	III-VIII	4	Industrial Visit	√	√	√	III-VIII
5	Organising workshops on recent trends in Automobile Engineering and Management	√	√	√	III-VIII	5	Guest Lectures by Eminent experts	√	√	√	I-VIII
6	Organising seminars on recent trends in Automobile Engineering and Management	√	√	√	III-VIII	6	Organising Workshops on recent trends in Biotechnology	√	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	√	III-VIII	7	Technical Students Symposium / Conference	√	√	√	III-VIII
8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	III-VIII	8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	III-VIII
9	Resume writing workshop (Industry Oriented)	√	√	√	VI	9	Resume writing workshop (Industry Oriented)	√	√	√	VI
10	Coaching and Remedial Classes	√	√	√	I-VIII	10	Coaching and Remedial Classes	√	√	√	I-VIII
11	Enabling and Encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII	11	Enabling and Encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
12	Enabling and Encouraging students to prepare to participate in various inter-Collegiate and inter University competitions	√	√	√	I-VIII	12	Enabling and Encouraging students to prepare to participate in various inter-Collegiate and inter University competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII	13	Mentoring	√	√	√	I-VIII
14	Mock viva-voce	√	√	√	I-VIII	14	Mock viva-voce	√	√	√	I-VIII
15	Student's Professional Counselling	√	√	√	I-VIII	15	Student's Professional Counselling	√	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	√	I-VII	16	Guidance for Education loans and bank formalities	√	√	√	I-VIII

Global and Professional Skill Incremental Program (By Industry Experts)

Global and Professional Skill Incremental Program (By Industry Experts)

		G	P	E	SEM			G	P	E	SEM
17	CATIA / NX / ProE	√	√	X	V-VI	17	Certificate Courses in Dry Lab Domain SAS in Clinical Research	√	√	X	VI-VIII
18	Hypermesh / Ansys Regular/ Nastran or Patron/ Ansys CFX	√	√	X	IV-V	18	Certificate course in Wet Lab domain (Any one) (a) Fermentation & DSP Technology (b) Bioanalytical Techniques	√	√	X	VI-VIII
19	Certificate course in Management and Leadership	√	√	X	VII	19	Certification course in Management & Leadership	√	√	X	VII
20	International Industrial Visit	√	X	X	VII-VIII	20	International Industrial Visit	√	X	X	VII-VIII

Manjuth

Principal
New Horizon College of Engineering
Outer Ring Road, ... Post

"At NHCE we have best faculties, well equiped laboratories, I am proud to be part of Automobile Engineering Department".

**Jeneen,
Automobile Engg.**

"I am staying in hostel from 3 years and I have never faced any kind of **RAGGING** issues. The presence of the senior warden and the good food makes us feel homely and comfortable".

**Suchanda
Biotechnology**

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About NHEI

New Horizon Educational Institution, Estd. in 1970, is dedicated towards creating tomorrow's leaders and supporting today's pioneers. NHEI has over 45 years of history as the flagship of kindergarten to higher education in Bengaluru. The institution has established itself as a nationally recognized, fully integrated institute and a center of progressive higher learning.

About NHCE

New Horizon College of Engineering, Estd. in 2001, is a premier Autonomus institution that has carved a niche for itself in the field of technical education. NHCE 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.

Courses Offered

B.E. (Bachelor of Engineering)

- Automobile Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Information Science & Engineering
- Mechanical Engineering

PG Programs

MBA (Master of Business Administration)
MCA (Master of Computer Applications)

M.Tech (Master of Technology)

- Computer Science & Engineering
- Machine Design
- Software Engineering
- VLSI Design & Embedded Systems

Research Programs

Ph.D / M.Sc (Engg) in
CSE, ISE, ECE, EEE, ME, BT, Maths
Computer Applications & Management Studies

New Horizon College of Engineering

Bangalore 560 103.

Courses are available in 3 different streams **G-Global, P-Professional, E-Executive**

INFORMATION SCIENCE & ENGINEERING

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Indian Society for Technical Education (ISTE) Institute Membership	√	√	√	III
3	Computer Society of India (CSI) Membership	√	√	√	IV
4	IT Based industrial tour	√	√	√	V
5	Guest Lectures by eminent personalities	√	√	√	III-VIII
6	Organizing workshops	√	√	√	III-VIII
7	Organizing seminars	√	√	√	I-VIII
8	Technical students Symposium / Conference	√	√	√	I-VIII
9	Participation in National, International Seminar	√	√	√	I-VIII
10	Coaching and remedial Classes	√	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
12	Enabling and encouraging students to participate in various inter collegiate & inter-Univ. competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII
14	Mock Viva-Voce	√	√	√	VI-VIII
15	Professional students counseling	√	√	√	I-VIII
16	Exclusive CV writing workshop	√	√	√	VI-VII
17	Guidance for Education loans and bank formalities	√	√	√	I-VIII
Global and Professional Skill Incremental Program (By Industry Experts)					
18	Training on CCNA / Data Security certification	√	√	X	III/IV
19	Training on Enterprise Java	√	√	X	V
20	Training on Big Data and PHYTON	√	√	X	VI
21	Training on Cloud computing	√	√	X	VII
22	Training on Project Management	√	√	X	VII/VIII
23	International Industrial Visit	√	X	X	VIII

MASTER OF COMPUTER APPLICATIONS

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	MCA Degree (Visvesvaraya Technological University)	√	√	√	I-VI
2	Computer Society of India (CSI) Membership	√	√	√	II
3	Industrial visit	√	√	√	III-VI
4	Guest Lectures by eminent experts	√	√	√	I-VI
5	Organizing workshops	√	√	√	III-VI
6	Technical students Symposium/ Conference	√	√	√	II-VI
7	Club activities	√	√	√	I-VI
8	Participation in National,International Technical Events	√	√	√	I-VI
9	Bridge course	√	√	√	I
10	Collaborating with faculty in Research	√	√	√	II-VI
11	Coaching and remedial classes	√	√	√	I-VI
12	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VI
13	Enabling and encouraging students to prepare to participate in various Inter Collgate and inter-University competitions	√	√	√	I-VI
14	Mentoring	√	√	√	I-VI
15	Resume writing workshop(Industry Oriented)	√	√	√	IV
16	Mock Viva-Voce	√	√	√	II-VI
17	Professional students Counseling	√	√	√	I-VI
Professional Skill Incremental Program (By Industry Experts)					
18	Training and Certification on Core Java	√	√	X	III
19	Training and Certification on Python	√	√	X	IV
20	Training on Android Application Development	√	√	X	IV
21	Training on Data Science and Analytics	√	√	X	V
22	International Industrial Visit	√	X	X	VI

AUTOMOBILE ENGINEERING

Sl. No	ACADEMIC FEATURES – EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian society for Technical Education (ISTE) membership	√	√	V-VI
3	Society of Automotive Engineering (SAE) Membership	√	√	V-VI
4	Industrial Visit	√	√	III-VII
5	Guest Lectures by eminent experts	√	√	III-VIII
6	Organising workshops on recent trends in Automobile Engineering	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	III-VIII
8	Participation in National, International Seminars	√	√	III-VIII
9	Resume writing workshop (Industry Oriented)	√	√	VI
10	Coaching and remedial classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house Competitions	√	√	I-VIII
12	Enabling and Encouraging students to prepare to participate in various inter-collegiate and inter University Competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock viva-voce	√	√	I-VIII
15	Professional Counselling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	VI-VII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
19	Training and Certification program on CAD / CAM Software	√	X	III-IV
20	Training and Certification program on analysis/ CFD package	√	X	V-VI
21	Training on Autotronics	√	X	V-VIII
22	Training on Technical Servicing / Marketing	√	X	VII-VIII
23	Training and Certification program on Robotics based Automation	√	X	V
24	International Student Exchange program*	√	X	VII

MECHANICAL ENGINEERING

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I - VIII
2	Indian Society for Technical Education (ISTE) membership	√	√	V - VI
3	Industrial visit	√	√	III - VIII
4	Guest lecture by eminent experts	√	√	III - VIII
5	Organizing workshops on recent trends in Mechanical Engineering	√	√	III - VIII
6	Technical students symposium	√	√	III - VIII
7	Organizing Seminars on recent developments in Mechanical Engineering	√	√	III - VIII
8	Participation in National, International Seminars	√	√	III - VIII
9	Resume writing workshop (Industry Oriented)	√	√	VII
10	Coaching and remedial Classes	√	√	I - VIII
11	Enabling and encouraging students to prepare to participate in various inhouse competitions	√	√	I - VIII
12	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter university competitions	√	√	I - VIII
13	Mentoring	√	√	I - VIII
14	Mock viva - voce	√	√	I - VIII
15	Professional counseling	√	√	I - VIII
16	Guidance for Education loans and bank formalities	√	√	VI - VII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
19	Training & Certification program CATIA / NX / ProE	√	X	III/IV
20	Training & Certification program on analysis Package of Hypermesh/Ansys Regular/Nastran or Patron/Ansys CFx	√	X	V/VI
21	C/C++/ Android Software for the Mechanical Engineering Applications	√	X	VI/VII
22	Certification Program on Digital Marketing	√	X	VI
23	Training and Certification program on Robotics based Automation	√	X	V
24	International Student Exchange program*	√	X	VII

Note:

* International Student Exchange program is offered to Meritorious students at cost
* Credit transfer will be available for MS Programs

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CIVIL ENGINEERING

SI No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian Society for Technical Education Membership	√	√	V-VI
3	Industrial Visit	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	III-VIII
5	Organizing Workshops on recent trends in Civil Engineering	√	√	III-VIII
6	Organizing Seminars on recent developments in Civil Engineering	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	III-VIII
8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	III-VIII
9	Resume writing workshop	√	√	VI
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various inter-Collegiate and inter University competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock viva-voce	√	√	I-VIII
15	Professional Counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	I-VIII
17	Enabling and encouraging students to prepare to write NFTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
19	Training and Certification program on Construction Technology	√	X	IV-V
20	Training and Certification program on 3D Studio Max	√	X	IV-V
21	Training and Certification program in Total Station	√	X	V-VI
22	Training and Certification program on E TAB Software	√	X	V-VI
23	Training and Certification program on Primavera	√	X	VII
24	International Student Exchange program *	√	X	VII

COMPUTER SCIENCE & ENGINEERING

SI No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Computer Society of India. (CSI) Membership	√	√	V-VI
3	Indian Society for Technical Education Membership	√	√	V-VI
4	Industrial Visit	√	√	III-VIII
5	Guest Lectures by eminent experts	√	√	III-VIII
6	Organizing workshops on recent trends in Computer Engineering	√	√	III-VIII
7	Organizing Seminars on recent developments in Computer Engineering	√	√	III-VIII
8	Technical Students Symposium / Conference	√	√	III-VIII
9	Participation & presentation of papers in National & International Seminars / Conference	√	√	III-VIII
10	Resume writing workshop (Industry Oriented)	√	√	VI
11	Coaching and remedial Classes	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
13	Enabling and encouraging students to prepare to participate in various inter-Collegiate and inter University competitions	√	√	I-VIII
14	Mentoring	√	√	I-VIII
15	Mock viva-voce	√	√	I-VIII
16	Professional Counseling	√	√	I-VIII
17	Guidance for Education loans and bank formalities	√	√	I-VIII
18	Enabling and encouraging students to prepare to write NFTEL MOOC certification courses	√	√	I-VIII
19	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
20	Training and Certification program in Programming in Big Data in R	√	X	V-VI
21	Training and Certification program in Machine Learning in Python	√	X	IV-V
22	Training in Software Testing	√	X	VII
23	Training on Cloud Computing	√	X	VII
24	International Student Exchange program *	√	X	VII

Note:
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ELECTRICAL AND ELECTRONICS ENGINEERING

Sl No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Institute of Electrical & Electronics Membership	√	√	V-VI
3	Industrial Visit	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	III-VIII
5	Organizing workshops on recent trends in Electrical & Electronics Engineering	√	√	III-VIII
6	Organizing Seminars on recent developments in Electrical & Electronics Engineering	√	√	III-VIII
7	Resume Writing work shop (Industry Oriented)	√	√	V-VI
8	Technical students Symposium/Conference			III-VIII
9	Participation & presentation of papers in National & International Seminars / Conference	√	√	III-VIII
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various inter-Collegiate and Inter-University competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock viva-voce	√	√	I-VIII
15	Professional Counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	I-VII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
19	Electrical Autocad	√	X	IV-VII
20	PPM Concepts +PRIMAVARA	√	X	IV-VII
21	MSP+Orcad	√	X	IV-VII
22	Training and Certification Programme on Robotics based Automation	√	X	III-IV
23	Certificate Course in Management & Leadership	√	X	VII / VIII
24	International Student Exchange program *	√	X	VII

ELECTRONICS AND COMMUNICATION ENGINEERING

Sl No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian Society for Technical Education (ISTE) Membership	√	√	III
3	Industrial Visit	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	I-VIII
5	Organizing workshops on recent trends in Electronics & Communications	√	√	III-VIII
6	Organizing seminars on recent developments in Electronics & Communications	√	√	III-VIII
7	Technical students Symposium / Conference	√	√	III-VIII
8	Exclusive CV writing workshop	√	√	VI
9	Participation & presentation of papers in National & International Seminars / Conferences	√	√	I-VIII
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-II
12	Enabling and encouraging students to participate in various inter collegiate & inter-Univ. competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock Viva-Voce	√	√	I-VIII
15	Professional counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	VII-VIII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
19	Electronic Device based Internet of Things (IOT)	√	X	IV-VII
20	Multimedia-Machine Vision / Computer Vision	√	X	IV-VII
21	Training & Certificate on Programme on Robotics based Automation	√	X	IV-VII
22	International Student Exchange program *	√	X	VII

Note:

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INFORMATION SCIENCE & ENGINEERING

SI No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visveswaraya Technological University)	√	√	I-VIII
2	Indian Society for Technical Education (ISTE) Institute Membership	√	√	III
3	Computer Society of India (CSI) Membership	√	√	IV
4	IT Based industrial tour	√	√	V
5	Guest Lectures by eminent personalities	√	√	III-VIII
6	Organizing workshops	√	√	III-VIII
7	Organizing seminars	√	√	I-VIII
8	Technical students Symposium / Conference	√	√	I-VIII
9	Participation in National, International Seminar	√	√	I-VIII
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
12	Enabling and encouraging students to participate in various inter collegiate & inter-Univ. competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock Viva-Voce	√	√	VI-VIII
15	Professional Counseling	√	√	I-VIII
16	Exclusive CV writing workshop	√	√	VI-VII
17	Guidance for Education loans and bank formalities	√	√	I-VIII
18	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
19	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
20	Python Programme	√	X	III/IV
21	Software Testing & Automation	√	X	V
22	R Programming for Big Data	√	X	VI
23	Training on Cloud computing	√	X	VII
24	Training on Project Management	√	X	VIII
25	International Student Exchange program*	√	X	VII

MASTER OF COMPUTER APPLICATIONS

SI No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	MCA Degree (Visvesvaraya Technological University)	√	√	I-VI
2	Computer Society of India (CSI) Membership	√	√	II
3	Industrial visit	√	√	III-VI
4	Guest Lectures by eminent experts	√	√	I-VI
5	Organizing workshops	√	√	III-VI
6	Technical students Symposium/ Conference	√	√	II-VI
7	Club activities	√	√	I-VI
8	Participation in National, International Technical Events	√	√	I-VI
9	Bridge course	√	√	I
10	Collaborating with faculty in Research	√	√	II-VI
11	Coaching and remedial classes	√	√	I-VI
12	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VI
13	Enabling and encouraging students to prepare to participate in various inter Collegiate and inter-University competitions	√	√	I-VI
14	Mentoring	√	√	I-VI
15	Resume writing workshop(Industry Oriented)	√	√	IV
16	Mock Viva-Voce	√	√	II-VI
17	Professional Counseling	√	√	I-VI
18	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
19	Student Club Activities	√	√	I-VIII
	Global Skill Incremental Program (By Industry Experts)			
20	Training and Certification on Core Java	√	X	III
21	Training and Certification on Python	√	X	IV
22	Training on Android Application Development	√	X	IV
23	Training on Data Science and Analytics	√	X	V

Note:

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Sl. No	Industry Integrated Academic Features	G	P	E	Sem
1	MBA from VTU	√	√	√	I-IV
2	Training in SPSS	√	√	√	II
3	Training in Advance Excel in Business	√	√	√	II
4	Out bound Experiential Learning Program	√	√	√	I-II
5	Workshop on Stock Market Operations	√	√	√	II
6	Certificate in Entrepreneurship Development	√	√	√	II-III
7	Business Incubation Support	√	√	√	I-IV
8	Workshop on Business & Finance News Analysis (Business Newspaper Subscription)	√	√	√	I-IV
9	Training in online publications skills	√	√	√	I-IV
10	Competency Mapping & Profiling workshop	√	√	√	II-III
11	Specialization Orientation Workshop & Certification	√	√	√	II
12	Industry Sectoral Analysis workshop	√	√	√	II
13	Corporate Support Projects	√	√	√	III-IV
14	Project Report Writing	√	√	√	IV
15	Presentation skills Enhancement	√	√	√	II-IV
16	Case Writing & Case Analysis	√	√	√	IV
17	Industry expert guest lectures	√	√	√	II
18	Industrial Visits	√	√	√	I-IV
19	Membership in Department Clubs	√	√	√	II
20	Membership in New Horizon Alumni Forum	√	√	√	III
21	Membership from All India Management Association	√	√	√	III
	Skill Enhancement for Global (G) and Professional (P) Programs				
22	Training in Business Analytics (Analytics) Training in Supply Chain Management (Operations) Training in Digital Marketing (Marketing) Training in Human Resource Practices (HR) Training in Financial planning and Analysis (Finance)	√	√	x	III-IV
23	Training in SAP	√	√	x	III-IV
24	Capstone Business Simulation	√	√	x	III-IV
25	International Industrial Tour	√	x	x	III-IV

Optional Value Added Programs

- Training in Foreign Language: Suggestive : Mandarin (Chinese)/Spanish/French at an extra cost.
- National Industrial visit at an additional cost.

TRAINING & PLACEMENTS

New Horizon College of Engineering supports students in getting placed with organizations, while studying in the final year of their course. The Institute seeks feedback from recruiters, so as to prepare students better, to fit into the corporate world and meet mandatory expectations from hiring companies. As a result of this exercise, industry relevant topics are identified for students to get trained. These interventions are implemented from the first semester of their course so as to enhance their skills and knowledge in certain professional areas and thereby, better fit into the professional world.

The training program encompasses four stage process to train students to make them ready for the industry and develops the etiquettes for corporate world.

- Business English Communication
- Quantitative Aptitude Development
- Attitude and Behavioral Development
- Exclusive CV preparation Workshop

Pre-placement Training

- Training in Business English, Soft Skills Training, Quantitative Aptitude Training, Interview Skills Prep workshop and CV writing workshop will be provided to the students at an extra cost.
- VTU Consortium e-resources packages will be provided to the students at an extra cost.

100% Placement opportunity is provided to MBA students

About NHEI

New Horizon Educational Institution, Estd. in 1970, is dedicated towards creating tomorrow's leaders and supporting today's pioneers. NHEI has over 47 years of history as the flagship of kindergarten to higher education in Bengaluru. The institution has established itself as a nationally recognized, fully integrated institute and a center of progressive higher learning.

About NHCE

New Horizon College of Engineering is an Autonomous college 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. The departments of Computer Science, Electronics & Communication, Mechanical, Civil and Biotechnology have been accredited by the National Board of Accreditation(NBA). It is an ISO 9001:2008 certified Institution. NHCE 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.

Courses Offered

B.E. (Bachelor of Engineering)

- Automobile Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Information Science & Engineering
- Mechanical Engineering

PG Programs

MBA (Master of Business Administration)
MCA (Master of Computer Applications)

M.Tech (Master of Technology)

- Computer Science & Engineering
- Machine Design

Research Programs

Ph.D / M.Sc (Engg) in
CSE, ISE, ECE, EEE, ME, BT, Maths
Computer Applications, Chemistry &
Management Studies

Courses are available in 3 different streams **G-Global, P-Professional, E-Executive**

ELECTRICAL AND ELECTRONICS ENGINEERING

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Institute of Electrical & Electronics Membership	√	√	√	V-VI
3	Industrial Visit	√	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	√	III-VIII
5	Organizing workshops on recent trends in Elctrical & Electronics Engineering	√	√	√	III-VIII
6	Organizing Seminars on recent developments in Electrical & Electronics Engineering	√	√	√	III-VIII
7	Technical students Symposium/Conference	√	√	√	III-VIII
8	Participation & presentation of papers in National & International Seminars / Conference	√	√	√	III-VIII
9	Resume writing workshop (Industry Oriented)	√	√	√	VI
10	Coaching and remedial Classes	√	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various inter-Collegiate and Inter-University competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII
14	Mock viva-voce	√	√	√	I-VIII
15	Students Professional Counseling	√	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	√	I-VII
Training And Certification Program					
17	Training on Electrical Autocad	√	√	X	IV-VII
18	Primavera + Revit Mep	√	√	X	IV-VII
19	Training on Industrial Automation - PLC, SCADA	√	√	X	IV-VII
20	Embedded System for Drives	√	√	X	IV-VII
21	Training on Technical Sales and Marketing	√	√	X	VII / VII
22	International Industrial Visit	√	X	X	VIII

ELECTRONICS AND COMMUNICATION ENGINEERING

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Indian Society for Technical Education (ISTE) Membership	√	√	√	III
3	Industrial Visit	√	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	√	I-VIII
5	Organizing workshops on recent trends in Electronics & Communications	√	√	√	III-VIII
6	Organizing seminars on recent developments in Electronics & Communications	√	√	√	III-VIII
7	Technical students Symposium / Conference	√	√	√	III-VIII
8	Exclusive CV writing workshop	√	√	√	VI
9	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	I-VIII
10	Coaching and remedial Classes	√	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-II
12	Enabling and encouraging students to participate in various inter collegiate & inter-Univ. competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII
14	Mock Viva-Voce	√	√	√	I-VIII
15	Professional students counseling	√	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	√	VII-VIII
Global and Professional Skill Incremental Program (By Industry Experts)					
17	Certificate course in VLSI	√	√	X	V
18	Training on Internet of Things (IoT)	√	√	X	VII
19	Training on Customer Management	√	√	X	VI
20	International Industrial Visit	√	X	X	VII-VIII

Courses are available in 3 different streams **G-Global, P-Professional, E-Executive**

CIVIL ENGINEERING

Sl No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Indian Society for Technical Education Membership	√	√	√	V-VI
3	Industrial Visit	√	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	√	III-VIII
5	Organizing Workshops on recent trends in Civil Engineering	√	√	√	III-VIII
6	Organizing Seminars on recent developments in Civil Engineering	√	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	√	III-VIII
8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	√	III-VIII
9	Resume writing workshop	√	√	√	VI
10	Coaching and remedial Classes	√	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various inter-Collegiate and Inter University competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII
14	Mock viva-voce	√	√	√	I-VIII
15	Student's Professional Counseling	√	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	√	I-VIII
Global and Professional Skill Incremental Program (By Industry Experts)					
17	Training and Certification program on Construction Technology	√	√	X	IV-V
18	Training and Certification program on 3D Studio Max	√	√	X	IV-V
19	Training and Certification program in Total Station	√	√	X	V-VI
20	Training and Certification program on E TAB Software	√	√	X	V-VI
21	Training and Certification program on Primavera	√	√	X	VII
22	International Industrial Visit	√	X	X	VII-VIII

COMPUTER SCIENCE & ENGINEERING

Sl No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Computer Society of India. (CSI) Membership	√	√	√	V-VI
3	Indian Society for Technical Education Membership	√	√	√	V-VI
4	Industrial Visit	√	√	√	III-VIII
5	Guest Lectures by eminent experts	√	√	√	III-VIII
6	Organizing workshops on recent trends in Computer Engineering	√	√	√	III-VIII
7	Organizing Seminars on recent developments in Computer Engineering	√	√	√	III-VIII
8	Technical Students Symposium / Conference	√	√	√	III-VIII
9	Participation & presentation of papers in National & International Seminars / Conference	√	√	√	III-VIII
10	Resume writing workshop (Industry Oriented)	√	√	√	VI
11	Coaching and remedial Classes	√	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	√	I-VIII
13	Enabling and encouraging students to prepare to participate in various inter-Collegiate and Inter University competitions	√	√	√	I-VIII
14	Mentoring	√	√	√	I-VIII
15	Mock viva-voce	√	√	√	I-VIII
16	Student's Professional Counseling	√	√	√	I-VIII
17	Guidance for Education loans and bank formalities	√	√	√	I-VIII
Global and Professional Skill Incremental Program (By Industry Experts)					
18	Training and Certification program in Oracle DBA	√	√	X	V-VI
19	Training and Certification program in Big Data Analytics	√	√	X	IV-V
20	Training in Core Java	√	√	X	VI-VII
21	Training in Software Testing	√	√	X	VII
22	International Industrial Visit	√	X	X	VII-VIII

Principal

07

Courses are available in 3 different streams **G-Global, P-Professional, E-Executive**

AUTOMOBILE ENGINEERING

Sl No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I-VIII
2	Indian society for Technical Education (ISTE) membership	√	√	√	V-VI
3	Industrial Visit	√	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	√	III-VIII
5	Organising workshops on recent trends in Automobile Engineering and Management	√	√	√	III-VIII
6	Organising seminars on recent trends in Automobile Engineering and Management	√	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	√	III-VIII
8	Participation in National, International Seminars	√	√	√	III-VIII
9	Resume writing workshop (Industry Oriented)	√	√	√	VI
10	Coaching and remedial classes	√	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house Competitions	√	√	√	I-VIII
12	Enabling and Encouraging students to prepare to participate in various inter-collegiate and inter University Competitions	√	√	√	I-VIII
13	Mentoring	√	√	√	I-VIII
14	Mock viva-voce	√	√	√	I-VIII
15	Student's Professional Counseling	√	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	√	VI-VII
Global and Professional Skill Incremental Program (By Industry Experts)					
17	Training and Certification program on NX / ProE	√	√	X	V-VI
18	Training and Certification program on analysis package of Ansys CFX	√	√	X	IV-V
19	Training on Autotronics	√	√	X	V-VI
20	Training on Automotive Instrumentation	√	√	X	VI-VII
21	Training on Technical Servicing / Marketing	√	√	X	VII-VIII
22	International Industrial Visit	√	X	X	VII-VIII

MECHANICAL ENGINEERING

Sl No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	√	I - VIII
2	Indian Society for Technical Education (ISTE) membership	√	√	√	V - VI
3	Industrial visit	√	√	√	III - VIII
4	Guest lecture by eminent experts	√	√	√	III - VIII
5	Organizing workshops on recent trends in Mechanical Engineering	√	√	√	III - VIII
6	Technical students symposium	√	√	√	III - VIII
7	Organizing Seminars on recent developments in Mechanical Engineering	√	√	√	III - VIII
8	Participation in National, International Seminars	√	√	√	III - VIII
9	Resume writing workshop (Industry Oriented)	√	√	√	VII
10	Coaching and remedial Classes	√	√	√	I - VIII
11	Enabling and encouraging students to prepare to participate in various inhouse competitions	√	√	√	I - VIII
12	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter university competitions	√	√	√	I - VIII
13	Mentoring	√	√	√	I - VIII
14	Mock viva - voce	√	√	√	I - VIII
15	Students Professional counseling	√	√	√	I - VIII
16	Guidance for Education loans and bank formalities	√	√	√	VI - VII
Global and Professional Skill Incremental Program (By Industry Experts)					
17	Training & Certification program CATIA / NX / ProE with GD & T	√	√	X	III/IV
18	Training & Certification program on analysis Package of Hypermesh	√	√	X	V/VI
19	Training & Certification program on analysis Package of Ansys CFX	√	√	X	V/VII
20	Android / IOT Application Software for the Mechanical Engineering Applications	√	√	X	VI/VI
21	Training on technical Servicing / Marketing	√	√	X	VII/VIII
22	International Industrial Visit	√	X	X	VIII

MBA Program is available in three different streams
G- Global, P- Professional, E- Executive

Sl. No.	Industry Integrated Academic Features	G	P	E
1	MBA from VTU	√	√	√
2	AIMA Membership	√	√	√
3	Training in SPSS	√	√	√
4	Training in Advance Excel in Business	√	√	√
5	Workshop in Stock Market Operations	√	√	√
6	Certificate in Entrepreneurship Development	√	√	√
7	Business Incubation Opportunity	√	√	√
8	Review workshop on Business and Finance News	√	√	√
9	Quantitatives for Managers (Industry Oriented)	√	√	√
10	Life Skills for Managers (Industry Oriented)	√	√	√
11	Resume writing workshop (Industry Oriented)	√	√	√
12	Business English Communication	√	√	√
13	Training in Online Publication skills	√	√	√
14	Competency Mapping & Profiling Workshop	√	√	√
15	Interview Skills prep Workshop	√	√	√
16	Specialization Orientation Workshop & Certification	√	√	√
17	Industry Sectorial Analysis Workshop	√	√	√
18	Membership in HR, Finance & Marketing Clubs	√	√	√
19	Membership to New Horizon Alumni Forum	√	√	√
20	Corporate Supported Projects	√	√	√
21	Training in Leadership Development	√	√	√
22	Training in Project Report Writing and Presentation Skills	√	√	√
23	Training in Case Writing and Analysis Techniques	√	√	√
24	Guest Lectures from Industry experts	√	√	√
25	Local Industrial Visits	√	√	√
Skill Enhancement for Global (G) and Professional (P) Programs				
1	NSE's Certification in Financial Markets (Finance) Certification in Digital Marketing (Marketing) Certification in Human Resource Practices (HR)	√	√	✗
2	Training in SAP	√	√	✗
3	Capstone Business Simulation from Capsim Inc, USA	√	√	✗
4	International Industrial Visit	√	✗	✗

Optional Value added Programs

- Training in **Data Analytics (Business Intelligence & Analytics)** will be provided to the interested students at an additional cost
- Training in **Foreign Language:** suggestive - Mandarin (Chinese) / Spanish will be provided to the interested students at an additional cost.
- **National Industrial Visit** will be provided to the interested students at an additional cost

TRAINING & PLACEMENTS

New Horizon College of Engineering supports students in getting placed with organizations, while studying in the final year of their course. The Institute seeks feedback from recruiters, so as to prepare students better, to fit into the corporate world and meet mandatory expectations from hiring companies. As a result of this exercise, industry relevant topics are identified for students to get trained. These interventions are implemented from the first semester of their course so as to enhance their skills and knowledge in certain professional areas and thereby, better fit into the professional world.

The training program encompasses four stage process to train students to make them ready for the industry and develops the etiquettes for corporate world.

- Business English Communication
- Quantitative Aptitude Development
- Attitude and Behavioral Development
- Exclusive CV preparation Workshop

100% placement opportunity is provided to MBA students

STUDENTS TESTIMONIALS

The Placement Cell of NEW HORIZON COLLEGE OF ENGINEERING strives towards helping students create their future by facilitating on campus recruitment. We enjoyed the benefits of campus recruitment by leading companies. I extend my heartfelt thanks to NHCE placement team. I am proud to be a New Horizonite.

Naganand D.H
Placed in Societe Generale

I am extremely grateful to the management and staff for their tireless efforts to ensure a bright and prosperous future for us.

Leena Bora
Placed in Career Net Technologies Pvt.ltd

I am so delighted to get placed in ICICI Securities as a Relationship manager from the very first attempt through placement drive arranged by college. My department gave me support and trained me so well to achieve it.

Jishnu Jith
Placed in ICICI Securities

Our Recruiters

And Many More...

UG PROGRAM

B.E. Automobile Engineering

B.E. Civil Engineering

B.E. Computer Science & Engineering

B.E. Electrical & Electronics Engineering

B.E. Electronics & Communication Engineering

B.E. Information Science & Engineering

B.E. Mechanical Engineering

PG PROGRAM

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)

*** Proposed

RESEARCH PROGRAM

Ph.d/M.Sc (Engg) in BT, CSE, ECE, EEE, ISE, ME, Maths, Computer Application, Management Studies & Chemistry

Principal
New Horizon College of Engineering
Outer Ring Road, Bellandur Post
Bangalore 560 103.

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B.E. Automobile course is offered in 2 different streams
G-Global, P-Professional

Sl No.	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian society for Technical Education (ISTE) membership	√	√	V-VI
3	Society of Automotive Engineering (SAE) Membership	√	√	V-VI
4	Industrial Visit	√	√	III-VIII
5	Guest Lectures by eminent experts	√	√	III-VIII
6	Organising workshops on recent trends in Automobile Engineering	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	III-VIII
8	Participation in National, International Seminars	√	√	III-VIII
9	Resume writing workshop (Industry Oriented)	√	√	VI
10	Coaching and remedial classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in- house Competitions	√	√	I-VIII
12	Enabling and Encouraging students to prepare to participate in various inter- collegiate and inter University Competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock viva-voce	√	√	I-VIII
15	Professional Counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	VI-VII
17	Enabling and encouraging students to prepare to write NPTEL, MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global and Professional Skill Incremental Program (By Industry Experts)			
19	Training and Certification program on CAD / CAM Software	√	×	III-IV
20	Training and Certification program on analysis/ CFD package	√	×	V-VI
21	Training on Autotronics	√	×	V-VIII
22	Training on Technical Servicing / Marketing	√	×	VII-VIII
23	Training and Certification program on Robotics based Automation	√	×	V
24	International Student Exchange program*	√	×	VII
25	International Educational tour**	√	×	VII

Note:
*International Student Exchange program is offered to Meritorious students at cost
*Credit transfer will be available for MS Programs
**International Educational tour is offered to global students at extra cost

K. Ashwin, BE (Auto)
Infosys

The placement department deserves special recognition as they were a constant source of support and motivation. Apart from being extremely helpful and approachable, the staff was highly professional in their training which helped us develop our technical and soft skills according to industry standards. I will forever be grateful to NHCE and the placement department as you cannot put a price on a secure future.

B.E. Civil course is offered in 2 different streams
G-Global, P-Professional

Sl No.	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian Society for Technical Education Membership	√	√	V-VI
3	Industrial Visit	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	III-VIII
5	Organizing Workshops on recent trends in Civil Engineering	√	√	III-VIII
6	Organizing Seminars on recent developments in Civil Engineering	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	III-VIII
8	Participation & presentation of papers in National & International Seminars / Conferences	√	√	III-VIII
9	Resume writing workshop	√	√	VI
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various inter-Collegiate and Inter University competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock viva-voce	√	√	I-VIII
15	Professional Counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	I-VIII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global and Professional Skill Incremental Program (By Industry Experts)			
19	Training and Certification program on Construction Technology	√	X	IV-V
20	Training and Certification program on 3D Studio Max	√	X	IV-V
21	Training and Certification program in Total Station	√	X	V-VI
22	Training and Certification program on E TAB Software	√	X	V-VI
23	Training and Certification program on Primavera	√	X	VII
24	International Student Exchange program*	√	X	VII
25	International Educational tour**	√	X	VII

Note:
* International Student Exchange program is offered to Meritorious students at cost
* Credit transfer will be available for MS Programs
** International Educational tour is offered to global students at extra cost

Principal
New Horizon College of Engineering
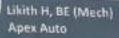
Abdul Rehman khan
CBRE

I would like to appreciate the placement cell at New horizon college of engineering for the efforts they made for providing a fair and ample amount of chances to us students. The faculty members worked so hard on our overall development and conducted boot-camps and extra classes for us to enhance our technical and interpersonal skills.

B.E. Mechanical course is offered in 2 different streams
G-Global, P-Professional

2019-20

Sl No.	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian Society for Technical Education (ISTE) membership	√	√	V-VI
3	Industrial visit	√	√	III-VIII
4	Guest lecture by eminent experts	√	√	III-VIII
5	Organizing workshops on recent trends in Mechanical Engineering	√	√	III-VIII
6	Technical students symposium	√	√	III-VIII
7	Organizing Seminars on recent developments in Mechanical Engineering	√	√	III-VIII
8	Participation in National, International Seminars	√	√	III-VIII
9	Resume writing workshop (Industry Oriented)	√	√	VII
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in house competitions	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various inter-collegiate and inter university competitions	√	√	I-VIII
13	Mentoring.	√	√	I-VIII
14	Mock viva - voce	√	√	I-VIII
15	Professional counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities.	√	√	VI-VII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global and Professional Skill Incremental Program (By Industry Experts)			
19	Training & Certification program CATIA / NX / ProE	√	X	III-IV
20	Training & Certification program on analysis Package of Hypermesh/Ansys Regular/Nastron or Patron/Ansys CFX	√	X	V-VI
21	C / C++ / Android Application Software for the Mechanical Engineering Applications	√	X	VI-VII
22	Certification Program on Digital Marketing	√	X	VI
23	Training and Certification program on Robotics based Automation	√	X	V
24	International Student Exchange program*	√	X	VII
25	International Educational tour**	√	X	VII

Note:
*International Student Exchange program is offered to Meritorious students at cost
*Credit transfer will be available for MS Programs
**International Educational tour is offered to global students at extra cost

Principal

Likith H, BE (Mech)
Apex Auto

I am very grateful to the management and faculty members of NHCE for their tireless effort to ens a bright and successful career for us. They have always been with us all the times which helped me get placed in "Apex Auto Ltd" during 2018-19 placement drive.

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B.E. - EEE course is offered in 2 different streams 2019-20.
G-Global, P-Professional

SI No.	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Institute of Electrical & Electronics Membership	√	√	V-VI
3	Industrial Visit	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	III-VIII
5	Organizing Workshops on recent trends in Elctrical & Electronics Engineering	√	√	III-VIII
6	Organizing Seminars on recent developments in Electrical & Electronics Engineering	√	√	III-VIII
7	Resume Writing work shop (Industry Oriented)	√	√	V-VI
8	Technical students Symposium/Conference	√	√	III-VIII
9	Participation & presentation of papers in National & International Seminars / Conference	√	√	III-VIII
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various inter-Collegiate and Inter-University competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock viva-voce	√	√	I-VIII
15	Professional Counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	I-VII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VII
18	Student Club Activities	√	√	I-VIII
	Training And Certification Program			
19	Electrical Autocad	√	X	IV-VII
20	PPM Concepts +PRIMAVARA	√	X	IV-VII
21	MSP+Orcad	√	X	IV-VII
22	Training and Certification Programme on Robotics based Automation	√	X	III-IV
23	Certificate Course in Management & Leadership	√	X	VII / VI
24	International Student Exchange program*	√	X	VII
25	International Educational tour**	√	X	VII

Note:
*International Student Exchange program is offered to Meritorious students at cost
*Credit transfer will be available for MS Programs
**International Educational tour is offered to global students at extra cost

Allen Antony Mathew, BE (EEE)
Mu Sigma

I would like to sincere thanks the placement and training department for the hardwork and efforts the took in training us right from third year and bringing various companies from the very beginning of the 7th semester. I am glad to be placed in a company like mu sigma.

SI No.	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian Society for Technical Education (ISTE) Institute Membership	√	√	III
3	Computer Society of India (CSI) Membership	√	√	IV
4	IT Based Industrial tour	√	√	V
5	Guest Lectures by eminent personalities	√	√	III-VIII
6	Organizing workshops	√	√	III-VIII
7	Organizing seminars	√	√	I-VIII
8	Technical students Symposium / Conference	√	√	I-VIII
9	Participation in National, International Seminar	√	√	I-VIII
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
12	Enabling and encouraging students to participate in various inter collegiate & inter–Univ. competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock Viva-Voce	√	√	VI-VIII
15	Professional Counseling	√	√	I-VIII
16	Exclusive CV writing workshop	√	√	VI-VII
17	Guidance for Education loans and bank formalities	√	√	I-VIII
18	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
19	Student Club Activities	√	√	I-VIII
Global and Professional Skill Incremental Program (By Industry Experts)				
20	Python Programme	√	X	III/IV
21	Software Testing & Automation	√	X	V
22	R Programming for Big Data	√	X	VI
23	Training on Cloud computing	√	X	VII
24	Training on Project Management	√	X	VIII
25	International Student Exchange program*	√	X	VII
26	International Educational tour**	√	X	VII

Note:
*International Student Exchange program is offered to Meritorious students at cost
*Credit transfer will be available for MS Programs
**International Educational tour is offered to global students at extra cost

Zeeshan Yousuf
Cerner

I sincerely appreciate the placement department and the faculty for the time and effort they have spent in educating, training and motivating us. Your suggestions and way of scheduling training sessions for specific concepts helped us gain a new understanding of the subject. I thank NHCE for their gracious effort and the patience they put in with the all the students to provide effective trainers and mock sessions which helped us get ready and prepare for the companies to come.

B.E. - ECE course is offered in 2 different streams
G-Global, P-Professional

SI No.	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Indian Society for Technical Education (ISTE) Membership	√	√	III
3	Industrial Visit	√	√	III-VIII
4	Guest Lectures by eminent experts	√	√	I-VIII
5	Organizing Workshops on recent trends in Electronics & Communications	√	√	III-VIII
6	Organizing Seminars on recent developments in Electronics & Communications	√	√	III-VIII
7	Technical Students Symposium / Conference	√	√	III-VIII
8	Exclusive CV writing workshop	√	√	VI
9	Participation & presentation of papers in National & International Seminars / Conferences	√	√	I-VIII
10	Coaching and remedial Classes	√	√	I-VIII
11	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-II
12	Enabling and encouraging students to participate in various inter collegiate & inter-Univ. competitions	√	√	I-VIII
13	Mentoring	√	√	I-VIII
14	Mock Viva-Voce	√	√	I-VIII
15	Professional counseling	√	√	I-VIII
16	Guidance for Education loans and bank formalities	√	√	VII-VIII
17	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
18	Student Club Activities	√	√	I-VIII
	Global and Professional Skill Incremental Program (By Industry Experts)			
19	Electronic Device based Internet of Things (IOT)	√	X	IV-VII
20	Multimedia-Machine Vision / Computer Vision	√	X	IV-VII
21	Training & Certificate on Programme on Robotics based Automation	√	X	IV-VII
22	International Student Exchange program*	√	X	VII
23	International Educational tour**	√	X	VII

Note:
  *International Student Exchange program is offered to Meritorious students at cost
  *Credit transfer will be available for MS Programs
  **International Educational tour is offered to global students at extra cost

Principal

Chandan M.L
NTT DATA

I thank the college for providing us all the support and help for getting placed in the company. The place department has helped me in figuring out and shaping a better foundation for my career.

B.E. - CSE course is offered in 2 different streams
G-Global, P-Professional

SI No.	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	B.E Degree (Visvesvaraya Technological University)	√	√	I-VIII
2	Computer Society of India. (CSI) Membership	√	√	V-VI
3	Indian Society for Technical Education Membership	√	√	V-VI
4	Industrial Visit	√	√	III-VIII
5	Guest Lectures by eminent experts	√	√	III-VIII
6	Organizing workshops on recent trends in Computer Engineering	√	√	III-VIII
7	Organizing Seminars on recent developments in Computer Engineering	√	√	III-VIII
8	Technical Students Symposium / Conference	√	√	III-VIII
9	Participation & presentation of papers in National & International Seminars / Conference	√	√	III-VIII
10	Resume writing workshop (Industry Oriented)	√	√	VI
11	Coaching and remedial Classes	√	√	I-VIII
12	Enabling and encouraging students to prepare to participate in various in-house competitions	√	√	I-VIII
13	Enabling and encouraging students to prepare to participate in various inter-Collegiate and Inter University competitions	√	√	I-VIII
14	Mentoring	√	√	I-VIII
15	Mock viva-voce	√	√	I-VIII
16	Professional Counseling	√	√	I-VIII
17	Guidance for Education loans and bank formalities	√	√	I-VIII
18	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VIII
19	Student Club Activities	√	√	I-VIII
	Global and Professional Skill Incremental Program (By Industry Experts)			
20	Training and Certification program in Programming in Big Data in R	√	x	V-VI
21	Training and Certification program in Machine Learning in Python	√	x	IV-V
22	Training in Software Testing	√	x	VII
23	Training on Cloud Computing	√	x	VII
24	International Student Exchange program*	√	x	VII
25	International Educational tour*	√	x	VII

Note:
*International Student Exchange program is offered to Meritorious students at cost
*Credit transfer will be available for MS Programs
**International Educational tour is offered to global students at extra cost

M Spandana
Wipro

I am pursuing my Computer science engineering. I am very happy and blessed to be a student of New horizon college of engineering. I feel really lucky to have my placement interview done in France through Skype, where i had gone as an exchange student through our college . New horizon has given me great opportunity and has been very suppodi in making me a better person.

DURATION

The duration of the course is three years, comprising of six semesters.

ELIGIBILITY CRITERIA

The applicant should have passed three years Bachelor's degree in any discipline from recognized University and obtained a minimum of 50% marks in aggregate with mathematics at 10th and +2 level. In case of candidates belonging to SC ST/CAT-1 & other backward classes, the minimum marks for the purpose of eligibility will be 45% of marks in aggregate in the qualifying examination.

MCA course is offered in 2 different streams
G-Global, P-Professional

SI NO	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	SEM
1	MCA Degree (Visvesvaraya Technological University)	√	√	I-VI
2	Computer Society of India (CSI) Membership	√	√	II
3	Industrial Visit	√	√	III-VI
4	Guest Lectures by Eminent experts	√	√	I-VI
5	Organizing Workshops	√	√	III-VI
6	Technical Students Symposium/Conference	√	√	II-VI
7	Club activities	√	√	I-VI
8	Participation in National,International Technical Events	√	√	I-VI
9	Bridge Course	√	√	I
10	Collaborating with faculty in Research	√	√	II-VI
11	Coaching and Remedial classes	√	√	I-VI
12	Enabling and Encouraging students to prepare to participate in various in-house competitions	√	√	I-VI
13	Enabling and Encouraging students to prepare to participate in various Inter Collegiate and inter-University competitions	√	√	I-VI
14	Mentoring	√	√	I-VI
15	Resume writing workshop(Industry Oriented)	√	√	IV
16	Mock Viva-Voce	√	√	II-VI
17	Professional students Counseling	√	√	I-VI
18	Enabling and encouraging students to prepare to write NPTEL MOOC certification courses	√	√	I-VI
19	Student Club Activities	√	√	I-VI
	Professional Skill Incremental Program (By Industry Experts)			
20	Training and Certification on Core Java	√	X	III
21	Training and Certification on Python	√	X	IV
22	Training on Android Application Development	√	X	IV
23	Training on Data Science and Analytics	√	X	V
24	International Educational tour*	√	X	V

Note:
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**International Educational tour is offered to global students at extra cost

K Sai Pranathi Sree
ITC Infotech.
NHCE brings together cultures from all around the world. Coming together from different
origins and learning is an extraordinary opportunity that is possible only in NHCE. With
the support of all the faculties, I became technically strong and Placement department has an amazing
plan for all the students to get placed. They trained us in soft skills, aptitude and technical skills that
helped me to be confident to attend the interview and got placed in "ITC Infotech".

MBA course is offered in 3 different streams
G-Global, P-Professional, E-Executive

Sl. No	ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS	G	P	E	SEM
1	MBA from VTU	√	√	√	I-IV
2	Training in SPSS	√	√	√	II
3	Training in Advance Excel in Business	√	√	√	II
4	Out bound Experiential Learning Program	√	√	√	I-II
5	Workshop on Stock Market Operations	√	√	√	II
6	Certificate in Entrepreneurship Development	√	√	√	II-III
7	Business Incubation Support	√	√	√	I-IV
8	Workshop on Business & Finance News Analysis (Business Newspaper Subscription)	√	√	√	I-IV
9	Training in online publications skills	√	√	√	I-IV
10	Competency Mapping & Profiling workshop	√	√	√	II-III
11	Specialization Orientation Workshop & Certification	√	√	√	II
12	Industry Sectoral Analysis workshop	√	√	√	II
13	Corporate Support Projects	√	√	√	III-IV
14	Project Report Writing	√	√	√	IV
15	Presentation skills Enhancement	√	√	√	II-IV
16	Case Writing & Case Analysis	√	√	√	IV
17	Industry expert guest lectures	√	√	√	II
18	Industrial Visits	√	√	√	I-IV
19	Membership in Department Clubs	√	√	√	II
20	Membership in New Horizon Alumni Forum	√	√	√	III
21	Membership from All India Management Association	√	√	√	III
	Skill Enhancement for Global (G) and Professional (P) Programs				
22	Training in Business Analytics (Analytics) Training in Supply Chain Management (Operations) Training in Digital Marketing (Marketing) Training in Human Resource Practices (HR) Training in Financial planning and Analysis (Finance)	√	√	x	III-IV
23	IIMBx Certification from IIM, Bangalore	√	√	x	III
24	Capstone Business Simulation	√	√	x	III-IV
25	International Educational tour*	√	x	x	III-IV

Note:
*Credit transfer will be available for MS Programs
**International Educational tour is offered to global students at extra cost

Sheekha Suman, Finance
PWC
I got placed in PWC it is because of the efforts put by our faculties and Training and Placement department, which always make sure that students get placed in the best company in the market. New Horizon College of Engineering provides a great exposure to students by organizing different activities which are very much helpful for every student for deciding their future field.