- 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

| 2019-2020  |                         |                  |   |                    |   |  |  |  |  |  |  |
|--|-------------------------|------------------|---|--------------------|---|--|--|--|--|--|--|
| Name of the value added courses (with 30 or more contact hours)offered | Course Code<br>(if any) | Year of offering | No. of times<br>offered during<br>the same year | Duration of course | Number of<br>students enrolled<br>in the year | Number of Students<br>completing the course<br>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<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year | Duration of course | Number of<br>students<br>enrolled in the<br>year | Number of Students<br>completing the<br>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<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year | Duration of course | Number of<br>students<br>enrolled in the<br>year | Number of Students<br>completing the<br>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<br>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   |
|--|-------------------------|------------------|--|--------------------|--|--|
|  | 201                     | 6-2017           |  |                    |  |  |
| Name of the value added courses (with 30 or more contact hours)offered       | Course Code<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year | Duration of course | Number of<br>students<br>enrolled in the<br>year | Number of Students<br>completing the<br>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   |

| 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   |
|  | 201                     | 5-2016           |  |                    |  |  |
| Name of the value added courses (with 30 or more contact hours)offered | Course Code<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year | Duration of course | Number of<br>students<br>enrolled in the<br>year | Number of Students<br>completing the<br>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        | NA | 2015 - 2016 | 1 | 40 hrs   | 29 | 29 |
| WEB DESIGNING USING PHP AND PERL TRAINING(MCA)         | NA | 2015 - 2016 | 1 | 40 hrs   | 29 | 29 |

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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)

| Name of the value added courses (with 30 or more contact hours)offered | Course Code<br>(if any) | Year of offering | No. of times<br>offered during<br>the same year | Duration of course | Number of<br>students enrolled<br>in the year | Number of Students<br>completing the course<br>in the year | Course Content   | со   |
|--|-------------------------|------------------|---|--------------------|---|--|--|--|
| 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   |  | 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  |

| Amazon web services(CSE)                             | NA | 2019-2020 | 1 | 42 hours | 69 | 69 | Fundamentals of Cloud<br>Computing,Infrastructure &<br>Networking,Storage,Elastic Load<br>Balancers,Identity & Access<br>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/<br>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<br>Management, Roles of a leader and<br>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<br>Baseline & Risk management,<br>Effective scheduling of work and easy<br>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<br>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<br>Baseline & Risk management.<br>Effective scheduling of work and easy<br>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 |

| 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  | Students will be able to apply the concept of  |
| 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)                        |    | 2019-2020 |   | 40 hrs   |    |    | CNC machine using arduino   | Students will be able to build CNC machine   |
|  | NA | 2010 2020 | 1 | .51113   | 64 | 64 | Students are offered with multiple  | prototype and control it through arduino Students gain leadershi insights through the  |
| Certificate Course in Management & Leadership(MBA) | NA | 2019-2020 | 1 | 48 Hours | 92 | 92 | opportunities to interact with multiple opportunities to interact with successful leaders of the industry to understand the various leadership skills required to handle different roles.   | 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<br>marketing, Mobile marleting, SEM,<br>SEOs, Google Adwords, Google<br>Analytics, Google website Analyzer<br>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<br>of Financial Markets, Depositories,<br>Depository Participants,<br>Dematerialisation, Fundamental<br>Analysis, Technical Analysis,<br>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;INTRODU CTION 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<br>DEFINITIONS, TABLEAU WORKSPACE,<br>DATA SOURCE PAGE, MORE ON<br>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  |

| DEVOPS (MCA)  | NA                      | 2019-2020        | 1  | 40 hrs             | 19   | 19   | stepping stone to a career which is rich in work of app development, web  | 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).  |
|---|-------------------------|------------------|--|--------------------|--|--|---|--|
|   |                         |                  |  | 20                 | 18-2019  |  | <u> </u>  |  |
| Name of the value added courses (with 30 or more contact hours)offered      | Course Code<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year | Duration of course | Number of<br>students<br>enrolled in the<br>year | Number of Students<br>completing the<br>course in the year | Course Content  | со   |
| 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   | reduction and validation  | Students will be able to apply the concept of<br>Analysis to industrial problems   |
| Certificate course on Management & Leadership - For<br>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   |   | 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   | Architecture, Alert & Trace files, Database Startup & User Requests, anaging data with ILM, Database Security, Database | 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   | 1 · · ·   | 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 | 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,<br>Modelling of various analog and<br>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,<br>Visual presentation of panel layout<br>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   |

| 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 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 | 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<br>marketing, Mobile marleting, SEM,<br>SEOs, Google Adwords, Google<br>Analytics, Google website Analyzer<br>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<br>Authorized training partners in<br>association with SAP. The trainings<br>organized so far are R3 and B1<br>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;INTRODU CTION 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<br>FRAMEWORK, TENSOR BASIC<br>STRUCTURES, NEURAL NETWORK,<br>CONVOLUTIONS TO IMPROVE<br>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<br>DEFINITIONS, TABLEAU WORKSPACE,<br>DATA SOURCE PAGE, MORE ON<br>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  |

| DEVOPS (MCA)   | NA                      | 2018-2019        | 1  | 40 hrs             | 21<br>017-2018                                   | 21   | stepping stone to a career which is<br>rich in work of app development, web<br>development, data sciences, machine   | 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).  |
|--|-------------------------|------------------|--|--------------------|--|--|--|--|
|  |                         |                  |  |                    |  |  |  |  |
| Name of the value added courses (with 30 or more contact hours)offered       | Course Code<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year | Duration of course | Number of<br>students<br>enrolled in the<br>year | Number of Students<br>completing the<br>course in the year | Course Content   | со   |
| 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   | 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<br>system and also various autotronics<br>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<br>Theory,Change Management And<br>Desion Making ,Leading Without<br>Formal Authority,Managing Groups<br>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  |

| 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,<br>Modelling of various analog and<br>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,<br>Visual presentation of panel layout<br>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<br>Baseline & Risk management,<br>Effective scheduling of work and easy<br>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.  |

| 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.  | Define the core elements of Integrated Marketing Communications as a marketer's mindset 2. Describe the digital marketing communication processes      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<br>marketing, Mobile marleting, SEM,<br>SEOs, Google Adwords, Google<br>Analytics, Google website Analyzer   | 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  |

|  |                         |                  |  |                    |  |  | Capstone is an online Business  | Students learn a holistic apprach to run the  |
|--|-------------------------|------------------|--|--------------------|--|--|---|---|
| Capstone Business Simulation (MBA)   | NA                      | 2017-2018        | 1  | 2Months            | 96   | 96   | 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.             | 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<br>PROTOCOL & HTTP METHODS, WEB<br>SERVER & WEB CONTAINER, SERVLET<br>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,<br>ACCESSING R PACKAGES,<br>WRITING R FUNCTIONS, DEBUGGING,<br>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  |
|  |                         |                  |  | 20                 | 016-2017   |  |   |   |
| Name of the value added courses (with 30 or more contact hours)offered       | Course Code<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year | Duration of course | Number of<br>students<br>enrolled in the<br>year | Number of Students<br>completing the<br>course in the year | Course Content  | со  |
| 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   |

| Training & Certification in CISCO CCNA(CSE)         | NA | 2016 -2017 | 1 | 48 hours | 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 |    | Design, Verification,<br>Modelling of various analog and<br>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 |    | 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       | ΔE       | CFD problems- stability, error  | Students will be able to apply the concept of  |
| Training in Digital Marketing (MBA)         | NA | 2016 -2017 | 1 | 2 Months | 45<br>20 | 45<br>20 | reduction and validation  Digital display advertiisng, email marketing, Mobile marleting, SEM, SEOs, Google Adwords, Google Analytics, Google website Analyzer etc.   | CFD to industrial problems  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<br>Authorized training partners in<br>association with SAP. The trainings<br>organized so far are R3 and B1<br>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  |

|  |                         |                  |   |                       |  |   | Capstone is an online Business  | Students learn a holistic apprach to run the   |
|--|-------------------------|------------------|---|-----------------------|--|---|---|--|
| Capstone Business Simulation (MBA)   | NA                      | 2016 -2017       | 1   | 2Months               | 79   | 79  | 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. | 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.  |
| INTELLIGENCE, AND COMMUNICATION ME LEADERSHIP A)  NA 2016 -2017 1 40 hrs 29 29 INTELLIGENCE, AND COMMUNICATION ME LEADERSHIP STYLE TO CHALLENGES, TEAM P SKILLS , DEMANDING I SITUATION SKILLS |                         |                  |   |                       | INTELLIGENCE, AND COMMUNICATION METHODS, LEADERSHIP STYLE TO MEET SPECIFIC CHALLENGES, TEAM PERFORMANCE SKILLS, DEMANDING LEADERSHIP | 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   |   | AND FUNCTIONS, PHP WITH AJAX,   | 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. |
|  |                         |                  |   | 2                     | 015-2016   |   |   |  |
| Name of the value added courses (with 30 or more contact hours)offered   | Course Code<br>(if any) | Year of offering | No. of times<br>offered<br>during the<br>same year                                  | Duration<br>of course | Number of<br>students<br>enrolled in the<br>year   | Number of Students<br>completing the<br>course in the year  | Course Content  | со   |
| Hypermesh(AU)  | nesn(AU)                |                  | Students will be able to apply the concept of<br>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)   |                         |                  | 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  |
|--|----|-------------|---|----------|----|------|--|--|
| PRIMEVERA(civil)                                   | NA | 2015 - 2016 | 1 | 40 Hrs   | 23 | I IX | Tracking Project Progress with Baseline & Risk management, Effective scheduling of work and easy prediction of Progress  | rendering 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 |      | 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 |      | 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 | 2015 - 2016 | 1 | 100hrs.  | 31 | 31 | Design, Verification,<br>Modelling of various analog and<br>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<br>alteration for PCB plan, Work on<br>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<br>alteration for PCB plan, Work on<br>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 |

| 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<br>Congigurations,Building of<br>Robot(prototype)  | Students will be able to Learn the concepts of<br>Android programming  |
| 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<br>marketing, Mobile marleting, SEM,<br>SEOs, Google Adwords, Google<br>Analytics, Google website Analyzer<br>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, SECURITY, 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 |    | AND FUNCTIONS, PHP WITH AJAX, REGULAR EXPRESSIONS. THE REGULAR  | 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 wellformed 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

| 51.<br>No | Academic Features - Employment centric<br>syllabus designed as per Industry expectations                                    | G  | P  | E   |
|-----------|---|----|----|-----|
| 1         | R.E. Degree (Vavesvaraya Technological University)  | V  | V  | N   |
| 2         | Institute of Electrical and Electronics Engineers<br>(ICCE) Membership  | V  | V  | y   |
| 3         | Computer Society of India (CSI) Membership  | V  | V  | ×   |
| 4         | Industrial Visit  | N. | V  | v   |
| 5         | Guest Lectures by enswert experts   | ٧  | ٧  | ·V  |
| 6         | Organizing Workshops on recent brends in<br>Computer Science & Engineering  | V  | V  | 4   |
| 7         | Technical Students Symposium / Conference   | V  | V  | 4   |
| 8         | Organizing Seminum on mount Developments in<br>Computer Science & Engineering   | V. | V  | · v |
| 9         | Quantitatives for Engineer (Industry Oriented)  | V  | V  | 1   |
| 10        | Life Skill for Engineers (Industry Oriented)  | V  | 1  | · v |
| 11        | Resume writing workshop (Industry Oriental)   | V  | V  | Ş   |
| 12        | Placement Assistance  | V  | V  | Ŋ   |
| 13        | Coaching and Remedial Classes   | V. | v. | v   |
| 14        | Enabling students to prepare to participate in vortous<br>in house compatitions   | V  | V  | V   |
| 15        | Enabling and encouraging students to prepare to perficipate in vertices inter-collegists and inter-university competitions. | ٧  | V  | v   |
| 16        | Enabling students for Review/research proportations<br>in conferences/sections  | V  | V  | V   |
| 17        | Enabling students for publications in proceedings<br>and journals   | V  | V  | V   |
| 18        | Hertoring   | ٧  | V  | V   |
| 19        | Students' Professional counseling   | ٧  | V  | V   |
| 20        | Guidance for Education loans and bank formelities   | V. | V  | N   |
| 21        | Business English Cordification Programme  | V. | V  | V   |
| 22        | Hock Vive-Vice  | ٧  | V. | ٧   |
| 23        | Software Testing Automation- Dertification  | V  | V  | V   |
|           | Global and Professional<br>Skill Incremental Program (By Industry Experts)  |    |    |     |
| 1         | Training and Certification In Core Javo   | V. | V  | X   |
| 2         | Training and Cartification in CISCO CONA  | V. | V  | X   |
| 3         | Training and Certification in ORACLE DBA  | V. | V  | X   |
| 4         | Certificate Course in Management and Leadership   | V  | V  | ×   |
| 5         | International Industrial Visit  | V  | X  | 4   |



In this land or can Country, career choice and you est studies oder a complement each other. But NHCE PLACEMENTS has just provided me that and I am indicated to them for such a selfiess favor to a budding engineer."

5.Supriya, CSE Sony India

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# Civil Engineering

| SI.<br>No | Academic Features - Employment centric syllabus designed as per Industry expectations                                     | G | P  | E |
|-----------|---|---|----|---|
| 1         | B.E. Dogree (Vavesvaraya Tachnological University)  | V | V  | V |
| 2         | American Society of Over Engineers (ASCE)<br>Membership   | V | V  | V |
| 3         | Industrial Visit  | V | V  | V |
| 4         | Guest Lectures by entirent experts  | V | V  | V |
| 5         | Organizing Workshops on moent trends in<br>Out Engineering  | V | V  | V |
| 8         | Organizing Sentiture on recent Developments in<br>Out Engineering   | V | V  | V |
| 7         | Technical Students Symposium / Conference   | V | V  | V |
| ð         | Persoperon in National, International Sewerer   | V | V  | V |
| 9         | Quantitatives for Engineer (Industry Grientad)  | V | V  | V |
| 10        | Ute Skill for Engineers (Industry Oriental)   | V | V. | V |
| 11        | Resume writing workshop (Industry Oriented)   | V | ٧  | V |
| 12        | Pacement Assistance   | V | V  | V |
| 13        | Certified Business English Course   | V | V  | V |
| 14        | Coaching and Remedial Cheeses   | V | V  | V |
| 15        | Enabling and encouraging students to propers to<br>perticipate in vertical in house competitions                          | V | √. | V |
| 16        | Enabling and encouraging students to prepare to perticipate or various inter-collegate and inter-University competitions. | V | V  | V |
| 17        | Personny  | ¥ | ٧  | V |
| 18        | Mod: Vive-Vace  | Ý | V  | V |
| 10        | Suders' Profesional counseling  | v | V  | V |
| 20        | Goldense for Education loans and<br>bank formation  | V | V  | ٧ |
| 21        | Study of greatical seases in construction   | V | V  | V |
|           | Giobal and Professional<br>Skill Incremental Program (By Industry Experts)  |   |    |   |
| 1         | Training and certification program in Primavers   | ٧ | V  | X |
| 2         | Training and certification program in Total Station and GRS   | V | V. | X |
| 3         | Certificate: Course in Management and Leadership  | V | V  | X |
| 4         | International Industrial Visit  | V | ×  | X |

# Electrical and Electronics Engineering

| SI.<br>No | Academic Features - Employment centric<br>syllabus designed as per Industry expectations                                  | G | P  | 8  |
|-----------|---|---|----|----|
| 1         | B.E. Degree (Viovesvaraya Technological University)   | V | V  | 1  |
| 2         | Institute of Electrical and Electronics Engineers<br>(IEEE) Numbership  | V | V  | 3  |
| 3         | Industrial Velt   | V | V  | 8  |
| 4         | Guest inclures by emittent experts  | V | N  | 8  |
| 5         | Organizing Warlshops on recent brends in<br>Electrical & Electronic Engineering   | V | V. | N  |
| ő         | Technical students symposium/conference   | V | V  | N  |
| 7         | Organisting Seminars on recent Developments in<br>Electrical & Electronic Engineering                                     | V | V  | N  |
| 8         | Persopetion in National / International Seniors   | V | V  | 'n |
| 9         | Quantitatives for Engineer (Instastry Oriented)   | V | V  | N  |
| 10        | Life Skill for Engineers (Industry Oriented)  | V | V  | ¥  |
| 11        | Resurrer witing workshop (Industry Oriented)  | V | V  | 3  |
| 12        | Placement Assistance  | V | V  | N  |
| 13        | Certified Business English Course   | V | V  | V  |
| 14        | Coaching and Remedial Classes   | V | V  | ×  |
| 15        | Enabling and Encouraging students to prepare to<br>participate in various in house competitions                           | V | V  | V  |
| 16        | Enabling and Encouraging students to prepare to participate in various inter-collegiate and inter-University competitions | V | V  | Y  |
| 17        | Mentaring   | 4 | V  | Y  |
| 18        | Modi wisi-yeas  | ٧ | V  | ٧  |
| 19        | Students' Professional counseling   | V | V  | V  |
| 20        | Guidance for Education Ioans and bank formalises  | V | V  | V  |
| 21        | AUTOCOAD 20 & 30  | V | V  | Ý  |
|           | Global and Professional<br>Skill Incremental Program (By Industry Experts)  |   |    |    |
| 1         | PMM Concepts + Preneres   | v | V  | X  |
| 2         | MSP + Ovcad   | V | V  | ×  |
| 3         | Labview   | V | V  | ×  |
| 4         | Certification Course in Management & Loadership   | V | V  | ×  |
| 5         | International Industrial VMI  | V | ×  | X  |



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

Saurav Mishra, EEE Wipro Technologies



Quality training and support provided at NHCF makes placement a reality.

3

|    | tronics and Communication En<br>Academic Features - Employment centric<br>syllabus designed as per Industry expectations  | G | P   | 1  |
|----|---|---|-----|----|
| 1  |   | - | 150 | ħ, |
| 1  | B.E. Dayree (Visvesveraya Technological Linkersity)   | V | V   | 1  |
| 2  | Institute of Decirical and Electronics Engineers<br>(TEEE) Membership   | V | V   | ,  |
| 3  | Dichartral Visit  | V | V   | 1  |
| 4  | Goest Lectures by entirent experts  | V | V   | 1  |
| 5  | Organizing Worlshops on recent trands in<br>Discretices & Communications  | V | V   | 1  |
| 6  | Organizing Seminars on recent Developments in<br>Bedmonics & Communications   | V | V   | ,  |
| 7  | Technical Students Symposium / Conference   | ٧ | V   | 1  |
| 8  | Quantitatives for Engineer (Didustry Oriented)  | V | V   | 1  |
| 9  | Ute Skill for Engineers (Instuttry Oriented)  | V | V   | 1  |
| 10 | Resums writing workshop (Industry Oriented)   | V | v   | 1  |
| 11 | Portuguetum in Kational, Dissemetional Servinar   | V | V   | 1  |
| 12 | Placument Assistance  | V | V   | 4  |
| 13 | Certified Business Brighth Course   | V | V   | 3  |
| 14 | Coaching and Remedial Classes   | V | ٧   | V  |
| 5  | Enabling and encouraging students to prepare to<br>participate in various in house competitions.                          | V | V   | V  |
| 6  | Enabling and encouraging students to prepare to perticipate in surious ether-collegists and inter-University competitions | V | V.  | ý  |
| 7  | Returns   | V | V   | Ý  |
| В  | Mod We-line   | V | V   | v  |
| 9  | Students' Professional counseling   | V | V   | ٧  |
| 0  | Guttance for Education loses and back formalities   | V | V   | V  |
| 5  | Training on Business Development Instative  | V | V   | V  |
|    | Globel and Professional<br>Skill Incremental Program (By Industry Experts)  |   |     |    |
|    | Certificate in VLSI Design or Certificate to<br>Embedded Design   | V | V   | X  |
|    | Certificate course in Management and Leadership   | V | V   | X  |
|    | Certificate in Computer Networks.   | V | V   | X  |
|    | International Industrial Wat  | V | X   | ×  |

| 51 | Information Science & Engine  |    |    |  |
|----|---|----|----|--|
| No | Academic Features - Employment centric<br>syllabus designed as per Endustry expectations                                  | G  | P  |  |
| 1  | B.E. Degree (Viewevaraya Technological University)  | V  | ×  |  |
| 2  | Institute of Electrical and Electronica Engineers<br>(IEEE) Hembership  | y  | ٧  |  |
| 3  | Computer Society of India (CSI) Membership  | V  | ×  |  |
| 4  | 1 T Breed Industrial Visit  | V  | 14 |  |
| 5  | Substitutions by entrent expens   | 4  |    |  |
| 6  | Organizing Workshops on recent trends in<br>Information Science & Engineering   | V  | V  |  |
| 7  | Organizing Seminers on recent Developments at<br>Information Science & Engineering  | y  |    |  |
| 8  | Technical Students Symposium  | V  |    |  |
| 9  | Quantitatives for Engineer (Industry Oriented)  | V  | ¥  |  |
| 10 | Life Skill for Engineers (Industry Criented)  | V  | ¥  |  |
| 11 | Resurte writing workshop (Industry Oriented)  | ٧  |    |  |
| 12 | Embedded systems  | ٧  |    |  |
| 13 | Perforation in National, International Seminar  | Y  | Ÿ. |  |
| 14 | Recement Assistance   | V  | Ý  |  |
| 15 | Certified Business English Course   | X  | v. |  |
| 16 | Coaching and Remedial Disses  | Y  | ¥. |  |
| 17 | Enabling and encouraging attadents to prepare to<br>participate in various in house competitions                          | N  | V. |  |
| 18 | Enabling and encouraging students to propore to participate in various inter-collegate and inter-University competitions. | V. | V. |  |
| 19 | Hentoring   | W. |    |  |
| 20 | Mock Vivia-Voca   | ٧  | ¥. |  |
| 21 | Students' Professional counseling   | ٧  | V. |  |
| 22 | Guidance for Education leans and bank formulation   | y  | 4  |  |
| 23 | Training in CRACLE DISA for contification   | X  | V  |  |
|    | Global and Professional<br>Skill Incremental Program (By Inchestry Experts)   |    |    |  |
| 1  | SUN JAVA certification training   | Ý. | 8  |  |
| 2  | C2SCO CCNA certification training   | v. |    |  |
| 3  | Microsoft C # and Net contribution training   | V  |    |  |
| 4  | Certificate Course in Management and Leadonship   | V  | v  |  |
| 5  | Computer Heintenance  | V. | v  |  |
| 8  | International Industrial Visit  | V  |    |  |

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 extand my gratifulde towards the department for their commendable compribution towards our careers.



THREE provides us with With recessory training receded for placements. I whomas the training my dream come true!

Shefali Dogra, ISE, Mindtree

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

| Si<br>No | Industry Integrated Academic Features                      | G   | P  |     | Sam    |
|----------|--|-----|----|-----|--------|
| .1       | MBA from VTU   | V.  | V  | ·V  | I-IV   |
| 2        | All India Management Association Membership                | V   | V  | V   | III    |
| 3        | Training in SPSS   | 4   | V  | V   | īV     |
| 4        | Training in Advance Excel in Business                      | W   | 0  | V   | II     |
| 5        | Workshop on Stock Market Operations                        | V   | 4  | V   | II     |
| 6        | Certificate in Entroprenounchip Development                | 4   | V  | V   | 11-111 |
| 7        | Business Incubation Opportunity                            | V   | V  | V   | I-IV   |
| 8        | Review Workshop on Business & Finance News                 | 4   | W  | V   | 1-IV   |
| 9        | Training in Online Publication skills                      | V   | V  | V   | I-IV   |
| 10       | Competency Mapping & Profiling workshop                    | V   | 4  | 4   | II-III |
| 11       | Specialization Orientation workshop & Certification        | V   | V  | 140 | 17     |
| 12       | Industry Sectoral Analysis Workshop                        | V   | V  | V   | II     |
| 13       | Membership in HR, Finance & Marketing Clubs                | V   | 14 | 7   | III    |
| 14       | Membership to New Honzon Alumni Forum                      | V   | V  | V   | III-IV |
| 15       | Corporate Supported Projects                               | V.  | V  | V   | III-īV |
| 16       | Training in Leadership Development                         | V   | W  | V   | II-IV  |
| 37       | Training in Project Report Writing and Presentation Skills | 1   | ·V | V   | N      |
| 18       | Training in Case Writing and Analysis Techniques           | V   | w  | V   | П      |
| 19       | Guest Lectures from industry experts                       | W   | V. | V   | 1-IV   |
| 20       | Local Industrial Vists                                     | CV. | 1  | 14  | 1-IV   |
|          | Skill Enhancement for Global (G) and Profession            | -   | PE | Out | ms     |
| 700      | Training in Digital Marketing (Marketing)                  |     | -  |     |        |
| 21       | Training in Human Resource gractices (HR)                  | V   | w  | 100 | III-IV |
|          | Training in Financial markets (Finance)                    |     |    |     |        |
| 22       | Training in SAP  | ¥   | W. | 30  | III-IV |
| 23       | Captione Business Simulation                               | V.  | W  | 1   | III-IV |
| 24       | International Industrial Visit                             | W.  | 1  | 1   | 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 cast.

#### 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 Mandany: (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 holped 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





## **About NHEI**

New Horizon Educational Institution, Estd. in 1970, is dedicated towards creating temorrow'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

## MASTER OF BUSINESS ADMINISTRATIONS

# MASTER OF COMPUTER APPLICATIONS

E SEM

1-VI 11 HIM H 10140 #41 NU 1991 + mily IV. 11-11 11. 1-41 144 199 140 W 10.93 V 191

| Sil.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS  | G         | P    | E     | SEM     | SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                             | Р     | E   |     |
|------------|--|-----------|------|-------|---------|-----------|---|-------|-----|-----|
| 1          | MIDA From 170  | V         | V    | V     | 100     | 1         | MCA Degree (Visvesvaraya Technological University)  | V     | V   | 1/5 |
| 2          | Al hata Management Association Montherping   | V         | V    | V     | ш       | 2         | Computer Society of India (CSI) Membership  | V     | V   | Ñ   |
| 3          | Training in 1853   | V         | V    | 1     | 39      | 3         | Industrial Visit  | V     | V   |     |
|            | Training in Advance Excel in Business.   | 1         | 1    |       | п       | 4         | Guest Lectures by eminent experts   | V     | V   |     |
|            |  | Y         | ×    | Y     |         | 5         | Organizing Workshops  | V     | V   |     |
| .5.        | Workphop art Stask Market Operations   | V         | V    | V     | .0.     |           | Technical Students Symposium  | V     | d   |     |
| 46         | Circ/Cute in Entrepreseurs No Development  | V         | V    | V     | pm      | 7         | Club artivities   | V     | V   |     |
| 3          | Business (ecobation Opportunity  | V         | V    | V     | 101     | 1         | Participation & precentation of papers in National & International Seminary / Conferences                               | V     | V   |     |
|            | Review Workshop on Business & Ferance Nava   | V         | V    | V     | 107     | 3         | Bridge Course Centificate by NHCE   | V.    | V   | Ų   |
| ,          | Training in Online Rublication staffs.   | V         | V    | 1     | HV      | 10        | Quartiatives for Engineer (Industry Oriented)   | V     | V   |     |
| 7/0        | Competency Mapping & Profiling workshop  |           |      | ,     | 15-111  | 11        | Infosys Foundation Programme certificate by Infosys   | V     | V   |     |
|            | The second secon | V         | N.   | V     | 1911    | 12        | Collaborating with faculty in Research  | V     | V   |     |
| :41        | Specialisation Shertation workshap & Certification   | Y         | ٧    | V     | 1       | 13        | English Communication Coathing  | V     | V   |     |
| 32         | Industry Sectoral Analysis Workshop  | V         | V    | V     | 11      | 14        | Coaching and remedial classes   | 7     |     |     |
| 13         | Membership in IRI, Finance & Marketing Clubs   | V         | V    | V     | ш       | 15        | Enabling and Encouraging students to prepare to<br>porticipate in various in house competitions                         | V     | V   |     |
| 14         | Membership to New Hotson Alsensi Porçes  | V         | Y    | ٧     | 133-714 | 16        | Enabling and Encouraging students to prepare to participate in various inter-Collegere and inter-Collegere competition. | V     | v   |     |
| 35         | Cirgorate Supported Projetts   | V         | V    | V     | mov     | 17        | Memoring  | V     | ٧   |     |
| 16         | Training in Leadership Oweropment  | V         | V    | V     | Dev     | 18        | Resume writing workshop (Industry Oriental)   | V     | V   |     |
| 17         | Training in Project Report Writing and Property ton Safe.  | 4         | 1    | V     | 2V      | 19        | Mpck/Ww/Valce   | V     | v   |     |
| "          | Training or rights report manipular recommendation   |           | *    | Ď     | - 123   | 20        | Professional students Courseling  | V     | V   | 100 |
| 18         | Training in Case Writing and Analysis Techniques   | V.        | V    | V     | п       |           | Professional Skill Incremental Program (By Industr  | у Ехр | erb | 10  |
| 19         | Guest Lecture; from Industry expents   | V         | ٧    | ٧     | 107     | :29       | Training on Sird Het Linux Course   | V     | x   |     |
| 20         | Local fedicity of Visits   | V         | V    | V     | 10'     | 22        | Traming on Cot Net Course   | 1     | ×   |     |
| Gio.       | bal and Professional Skill incremental Program   | o (By the | dust | try E | speris) | -23       | Training in Management and Leadership   | 3     |     |     |
|            | Stating in Digital Marketing (Marketing)   |           |      |       |         | 34        | Andriad Application Development course  | 3     | X   |     |
| 21         | Training in Human Resource practices (HR)  | V         | V    | X     | THV     |           |   |       |     |     |
|            | Framing in Financial markets (Finance)   |           |      |       |         |           | -< 100  |       |     |     |
| 22         | Todaying in SAP  | V         | V    | X     | II-W    |           | Mr. th  | 2     |     |     |

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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 own crest.

# orthon it-removate pockages will be precised to the students at an entra root.

Capitative Business Simulation from Capitim Inc USA

#### Optional Value Added Programs

Internacional Industrial Visit

- Training in Cota Analytics (Business Intelligence & Business Analytics) will be provided to the information students at an extra cost.
- Training in Foreign Language: Suggestive Hondarin (Chironal)/Spanish/French will be provided to the interested students at an across cost.
- National Industrial Visit will be provided to the interested students at an additional cost.

Principal.

Engineering.

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IV

The Placement leasily helped me in improving my accounting, communication, aptitude and

Amala Venugopal, MCA



# INFORMATION SCIENCE & ENGINEERING

# MECHANICAL ENGINEERING

|     | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                 | G      | p    | E     | SEM      | SI<br>N | CENTRIF SYLLABILE DESIGNED AS AS   | G   | P      | E    | SEM        |
|-----|---|--------|------|-------|----------|---------|--|-----|--------|------|------------|
|     | B.E.Degme (Novervaraya Yechnological University)  | v      | V    | V     | I-VIII-  | 1       | R.E. Degrad (Www.waraya Technological University)  | 1   | V      | 100  | T-VIII     |
|     | Indian Society for Nichnical Policetten (ISTE) Institute<br>Membership                                      | V      | V    | V     | III-W    | 19      | Indian Society for Technical Education (ISTE) membership   |     | М,     |      | V-VI       |
|     | Institute of Electrical and Electronics Engineer (IEEE) -<br>Membership                                     | V      | V    | V     | III-IV   | ,       |  | V   | 7      | V    | mi-vm      |
|     | Computer Society of India (CSI) Membership  | V      | V    | V     | m        | 4       | Guest locture by imment experts  | V   | . 1    | 1    | III - VIII |
|     | I.T Birned Industrial Your  | V      | V    | V     | m-vm     | 5       | Organising workshops on reconstrands in Machanical<br>Engineering  | V   | v      | V    | III - VIII |
|     | Guest Lactures by emission experts  | V      | V    | V     | PVIII    | 6       | Technical students symposium   | V   | V      | V    | m-vm       |
|     | Organizing Workshops  | V      | V    | V     | III-VIII | 7       | Organising Seminars on recent Development in<br>Mechanical Engineering   | V   | V      | V    | 10 - 400   |
|     | Organizing Seminary   | V      | V    | V     | IAVII    | . 8     | Participation & presentation of papers in National & International Seminary / Conferences                                | V   | V      | V    | III - VIII |
|     | Technical Students Symposium / Conference   | V      | V    | V     | m-vm     | 0       | Resume writing workshop ( industry Oriented)   | V   | V      | IV   | VII        |
|     | Participation & presurtation of papers in National &<br>International Servinars / Conferences               | V      | V    | V     | 1VIII    | 10      | Coaching and Remedial Classes  | V   | V      | V    | t-vm       |
|     | Coacting and Remedial Classes   | V      | ٧    | V     | 14/11    | 13      | Envioling and encouraging students to prepare to<br>participate in various of house competitions                         | V   | V      | v    | I-VIII     |
|     | Enabling and encouraging students to prepare so<br>participate in vertices in house competitions            | V      | V    | v     | I-VIII   | 12      | Shalting and encouraging students to prepare to participate in various inter-collegate and inter-university competitions | V   | V      | 1    | 1-VIII     |
| 100 | finalding and encouraging moderns to participate in<br>vortious inter collegiate & inter-Univ. competitions | V      | V    | V     | PVIII    | 13      | Menuring   | V   | V      | V    | 1 - VIII   |
| 9   | Menturing   | V      | V    | V     | 14m      | 14      | Mock viva - voce   | V   | V      |      | 1-VIII     |
| 1   | Mack Way-Voca   | V      | ٧    | ٧     | All-All  | 15      | Students Professional courseling   | V   | V      | V    | 1-viii     |
| 7   | Professional students coonseling  | V      | ¥    | ٧     | 14m      | 16      | Guidance for Education Kiens and bank formalities.   | V   | V      | V    | t-vir      |
| 100 | Exclusive Cv Writing Workshop   | Ŋ      | V.   | V     | VI-VIII  | G       | lobal and Professional Skill Incremental Program (By   | Ind | ust    | ry E | operts)    |
| 4   | Surfamor for Education loans and Naris formulates   | V      | V    | V     | DVII     | 17      | CATIA / NK / PIDE  | V   | y.     | ×    | ID-IV      |
| tot | hal and Professional Skill Incremental Program (8   | ly Ind | lust | ny Ex | perts)   | 18      | Hypermesh / Ansys Regular / Nastron or Patron /<br>Arrays CFX  | V   | V      | ×    | vvi        |
| 0   | DRACLE JAVA contribute (O)CP)   | 1      | V    | X     | ν.       | 15      | C / C++ / Android Application Software for the Mechanical<br>Engineering Applications                                    | V.  | V      | X    | V1-V11     |
| -   | DSCO CONA Certificate   | ٧      | ٧    | ×     | TV.      | 20      | PCB Design and automation Certification Course   | V   | V      | ×    | VVt        |
| ,   | NORDID/HADDOF Critificate   | V.     | V    | Х     | W.       | 21      | Certification course in Management & Leadership  | VI  | V      | X    | VID-VIII   |
| 6   | Norosoft C # and Mei certificate.   | V      | V    | X     | TIVUV    | 27      | International Industrial Visit   | V   | ×      | X    | VII-VIII   |
| 1   | Temficate Course in Management and Leadership   | V.     | V    | X     | VII      |         | GNI W  |     |        |      |            |
|     |   |        |      |       |          |         |  |     | ALC: Y |      |            |



International Industrial Visit:

"NHCE provided us with all the necessary braining needed for placements. I sincerely thank our placement Director and his team for their wonderful guidance and support in making my dream come true".

A X X ABABI

etali Dogra, ISE, ndtree



Akshay .KS, Mech, Centurylink Mayeton

The modure of academics fests, co-curricular activities, and detail iam activities make the four years of engineering life in Mech, NHCE very memorable

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

# **ELECTRICAL AND ELECTRONICS ENGINEERING**

# ELECTRONICS AND COMMUNICATION ENGINEERING

|           |   | -     |      |      | -         |           | ELECTRONICS AND LOMMUNICATION I  | rec | atty | EE   | CLUT-    |
|-----------|---|-------|------|------|-----------|-----------|--|-----|------|------|----------|
| SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                   | G     | p    | E    | SEM       | SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS              | G   | P    | E    | SEM      |
| 1         | B.E. Degree (viewenvaraya Technological University)   | V     | V    | V    | DVIII     | 1         | B.E.Degree (Wavesvaraya Sechnological University)  | V   | V    | V    | 1-VIII   |
| I         | Institute of Electrical and Electronics Engineers (HEE)<br>Institute Nembership   | V     | V    | ٧    | 111       | 2         | Institute of Electrical and Electronics Engineer (IREE) institute Membership                             | V   | V    | V    | 111      |
| 3         | Industrial Visit  | V     | v    | V    | m-vm      | 3         | Industrial Valid   | V   | V    | V    | 101-400  |
| ٠         | Guitet Lectures by Eminent experts  | V     | V    | V    | m-vm      | à.        | Guest Lectures by emment experts   | V   | V    | W    | 14III    |
| ī         | Organizing Workships on recent mends in Electrical &<br>Electronics Engineering   | V     | V    | V    | m-vm      | 5         | Organizing Workshops on recent trends in Electronics &<br>Communications                                 | V   | V    | V    | III-VIII |
| 6         | Organizing Sentinars on recent Developments in<br>Electrical & Sectionics Engineering   | V     | V    | V    | 01-101    | 8         | Organiting Seminars on recent Developments in<br>Electrorics & Communications                            | V   | V    | V    | m-viii   |
| 7         | Technical Southerth Symposium / Conference  | V     | V    | V    | means     | 7         | Technical Students Symposium / Conference  | V   | V    | V    | 100-VID  |
| 2         | Participation & presentation of papers in National &<br>International Seminary / Conferences                                  | V     | V    | ٧    | III-VIII  | 8         | Exclusive CV writing workshop  | V   | V    | V    | VI.      |
| ÷         | Resume writing workshop (Industry Oriented)   | ¥     | V    | V    | vt-vti    | 9         | Participation & presentation of papers in National &<br>International Seminars / Curhimensis             | V   | V    | V    | 1-VIII.  |
| 10        | Enacting and Remedial Classes.  | V     | V    | v    | TANK      | 10        | Cracking and Remedial Classes  | V   | V    | V    | 14/III   |
| TT.       | Enabling and Encouraging students to prepare to<br>participate in various in-house competitions.                              | ¥     | V    | V    | ivm       | 11        | Enabling and encouraging students to prepare to<br>participate in various in-house competitions          | V   | V    | V    | 1901     |
| 12        | Enabling and Encouraging students to prepare to participate.<br>In various inter-Callegiate and inter University competitions | V     | v    | ٧    | I-VIII    | 12        | Enabling and encouraging students to participate in<br>various inner collegate & Inter-Unix competitions | V   | V    | V    | EVIII.   |
| 13        | Manageing   | V     | V    | V    | t-viii    | 13        | Mentoring  | V   | V    | V    | I-VIII   |
| 14        | Mode www-worse  | V     | V    | V    | I-VIII    | 14        | Mack Yes/Voce  | V   | V    | V    | VII-VIII |
| 5.        | Student's Professional Counseling   | V     | V    | V    | I-VIII    | 15        | Professional students counseling   | V   | ٧    | V    | 1/01     |
| 18        | Guidance für Talucation Islans and bank formalties  | V     | V    | V    | 172       | 16        | Guidance for Education loans and bank formulaties  | V   | V    | V    | t-vit    |
| file      | ibal and Professional Skill Incremental Program (B  | y Imd | lust | ry E | sports)   | Gle       | ibal and Professional Skill Incremental Program (B)  | ind | lust | ry E | xperts)  |
| 13        | PFM Concepts + Primera  | V     | ٧    | Х    | vvt       | 17        | Certificate in VLSI Dissign OR Certificate in Embedded<br>Design   | V   | V    | X    | IVAII    |
|           | MSP + Circuit   | V     | V    | X    | wvt       | 18        | Certificate course in Management and Leasilership  | V   | V    | X    | VI-VII   |
| 6         | Lab Virw  | V     | V    | X    | VIII-VIII | 19        | International Industrial Visit   | V   | X    | X    | VII-VIII |
|           | Certificate Course in Management and Leadembep  | ٧     | V    | ×    | VII       |           |  |     |      |      |          |
| 11        | International Industrial Visit  | V     | x    | ×    | VIIAIII   |           |  |     |      |      |          |



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

Saurav Mishra, EEE Wipro Technologies

Vayata New Horizon College of Engineering Quiter Blog Rund, Octombur Powl. Bangulore 580 100.

Due to the offert of placement department we have seen some amoning companies visit the compus, with almost all the eightle getting placed. I would like to estand my gratitude towards the department Arket Mishra, EC for their commendable contribution towards our sony India corrects.



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

#### CIVIL ENGINEERING

# COMPUTER SCIENCE & ENGINEERING

| 51.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                | G     | p    | E     | SEM      | SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                               | G     | p    | E    | SEM      |
|-----------|--|-------|------|-------|----------|-----------|---|-------|------|------|----------|
| 1         | B.E. Degree (Vivvesvaraya Testerological Liniversity)  | V     | V    | Ý     | T/VIII   | 37        | BLE Degree (Visvesvaraya Technological University)  | V     | V    | V    | 14til    |
| 2         | Intian Concrete Institute Membership   | ¥     | V    | ٧     | WW       | 2         | Computer Society of India-Membership  | V     | V    | V    | 111      |
| 3         | Indian Society for Technical Education Membership  | V     | V    | ٧     | WW       | 3         | Institute of Electrical & Electronics Engineer (IEEE)<br>Institute Membership   | Y     | V    | v    | ш        |
| £         | Industrial Visit   | V     | V    | V     | mvm      | 4         | Industrial Visit  | V     | ٧    | ٧    | mvm      |
| 3.        | Guest Lectures by Environt experts   | V     | V    | ٧     | m-vm     | 5         | Goest Lectures by Environt experts  | N     | V    | V    | m-vin    |
| 6         | Organizing Workshops on recent trends in<br>Civil Engineering  | V     | V    | V     | III-VIII | 6         | Organizing Workshops on recent trends in<br>Computer Science Engineering  | V     | V    | V    | III-VIII |
| 7         | Organolog Seminers on recent Developments in<br>Civil Engineering  | v     | ٧    | V     | III-VIII | 7         | Organizing Saminars on recent Developments in<br>Computer Science Engineering   | V     | V    | V    | m-viii   |
| n         | Technical Scudents Symposium / Confirmor   | V     | V    | V     | m-vm     | 1         | Technical Students Symposium / Conference   | V     | V    | V    | шуш      |
| 9:        | Participation & presentation of papers in National &<br>International Serviners / Conferences                              | V     | V    | ٧     | III-VIII | 9.        | Participation & presentation of papers in National &<br>International Seminars / Conferences                              | V     | V    | V    | mvm      |
| 10        | Resume writing workshop (Industry Onlested)  | V     | ٧    | V     | VI       | 10        | Resume writing workshop (Industry Oriented)   | V     | V    | V    | W.       |
| 11        | Coothing and femedal Clotors   | V     | V    | V     | HVIII    | iii       | Cracking and Remedial Classes   | V     | V    | V    | 1-VIII   |
| 12        | Enabling and Encouraging students to prepare to perfections.   | V     | V    | V     | PVIII    | 12        | Enabling and Encouraging students to prepare to<br>participate in various in-house competitions.                          | V     | V    | Ý    | 1-VIII   |
| 13        | Establing and Encounteging students to prepare to participate in serious inter Collegiate and shar University competitions | V     | V    | V     | PARIT    | 13        | Enabling and Encouraging students to prepare to participate in various inter-Collegiste and Inter-University competitions | V     | V    | V    | 1-VIII   |
| 14        | Mentaring  | V     | V    | ٧     | 1-Vill   | 14        | Mentoring   | V     | V    | V    | 1-VIII   |
| 111       | Modi swawes  | V     | V    | V     | MI       | 15        | Moneyour  | V     | V    | V    | TVIII    |
| 16        | Student's Professional Courseling  | V     | V.   | V     | - PAID   | 16        | Student's Professional Counseling   | V     | V    | V    | 1000     |
| 17        | Guidance for Education loans and bank formalities  | V     | 4    | V     | FVII     | 17        | Guidance for Education loans and bank formalities   | V     | V    | V    | FVD      |
| Gös       | obal and Professional Skill Incremental Program (8)  | / Inc | dast | ry fo | sperts]  | G         | lobal and Professional Skill Incremental Program (8   | y ind | lust | ry E | xperts)  |
| 18        | Training and Certification program in Primavera  | ٧     | V    | X     | YHT      | 18        | CCNA Training   | V     | V    | ×    | V-VII    |
| 75        | Training and Certification program in Total Station and GIS  | V     | V    | X     | TV-V     | 19        | ORACLE DBA Training   | V     | V.   | X    | tv-v     |
| 20        | Certificate Course in Management and Leadership  | ٧     | V    | X     | Vtr      | 20        | CORE JAVA Training  | V     | V    | X    | MINI     |
| 21        | International Industrial Visit   | V     | X    | ×     | AII-AIII | 21        | Corollicate Course in Management and Leadership   | V     | V    | X    | VII      |
|           |  |       |      |       |          | 22        | Internetional Industrial West   | V     | ×    | X    | MACH     |
|           |  |       |      |       |          |           |   |       |      |      |          |



"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 socurity. One feels a lot safe, staying in hostel rather their staying out."

P

S.Supriya, CSE Sony India Principal and August of Engineering

"In this wind of competition, career choice and job satisfaction die"t uniplement each other But NHCE PLACEMENTS has just provided me that and I am indebted to them for such a softess lawor to a budding engineer."

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

#### AUTOMOBILE ENGINEERING

|              | 201 | 1-1- |
|--------------|-----|------|
| HOTECHNOLOGY | 201 | 6-1  |

| SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                             | G     | р    | E    | 5EM      | SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                               | G   | p.    | E   | SEM      |
|-----------|---|-------|------|------|----------|-----------|---|-----|-------|-----|----------|
| 1         | III.) Degree (Vissenserays Technological University)  | v.    | ý    | V    | t-viii   | 1         | B.E.Degree (Visvesvariaya Technological University)   | y   | V     | V   | 1-VIII   |
| ı.        | Imitian Society for Technical Education Membership  | V     | ٧    | ٧    | VVI      | 2         | Indian Society for Technical Education Membership   | ٧   | Ý     | V   | 1/93     |
| 3         | Industrial Visit  | V     | V    | V    | m-vm     | 2         | ABLE Membership   | V   | ٧     | ٧   | WW       |
| 4         | Guerr Lectures by Eminent experts   | V     | V    | V    | m-vm     | 4         | Industrial Visit  | V   | V     | V   | m-ym:    |
| 3         | Organising workshops on recent trends in Automobile<br>Engineering and Management                                       | V     | V    | v    | mvm      | \$        | Coast Lectures by Eminent experts   | V   | V     | V   | 1400     |
| 6         | Organising seminars on recent brends in Automobile<br>Engineering and Management  | V     | V    | V    | 101-4101 | E         | Organising Workshops on recent trends in Biotechnology  | V   | V     | V   | m-vs:    |
| Ŧ         | Technical Soudents Symposium / Conference   | V     | V    | V    | mv-m     | 7         | Technical Students Symposium / Conference   | V   | V     | ٧   | III-VIII |
|           | Participation & presentation of papers in National & International Services: / Confedences                              | V     | V    | V    | mvm      | 8         | Participation & presentation of papers in National & International Sentinars / Conferences                                | v   | V     | V   | MARI     |
| ÷         | Resume writing workshop (Industry Oriented)   | V     | V    | ٧    | Vt       | u         | Resume witting workshop (Industry Oriented)   | ٧   | V     | V   | vt       |
| 101       | Coaching and Retriedal Classes  | V     | V    | V    | 1-Vmr.   | 10        | Coaching and Remottel Classes   | v   | V     | V   | EVID     |
| 11        | Eliabling and Encouraging students to prepare to<br>participate in various in-house competitions                        | V     | v    | V    | 5VIII    | .11       | Enabling and Encouraging students to prepare to patticipate in various in-house competitions                              | V   | V     | V   | PVIII    |
| 12.       | Enulating and Encouraging students to prepare to participate in various into Collegiou and into University competitions | ٧     | V    | V    | 19mm     | 17        | Enobling and Encouraging students to propare to participate in vacous inter-Collegiate and inter-University competitions. | ٧   | ٧     | V   | FVIII    |
| 130       | Menuring  | V     | V    | V.   | t-our.   | 13        | Mamuerig  | V   | V     | V   | 1900     |
| 34        | Maca wasvece  | V     | V    | V    | (-VIII   | 14        | Mack user-vace  | V   | V     | V   | Ivm      |
| 12.       | Students Professional Counselling   | V     | V    | ٧    | 1-VIII   | 15        | Student's Professional Counselling  | V   | V     | V   | 1900     |
| 16        | Guidance for Education loans and bank formalities   | V     | ý    | V    | HVII     | 16        | Guidance for Education learns and bank formal ties  | ٧   | V     | ٧   | ivili    |
| 61        | obal and Professional Skill Incremental Program (B)   | y Inc | fust | ry E | xperts)  | GI        | obal and Professional Skill Incremental Program (b)   | Ind | lustr | y E | (perts)  |
| 17.       | DRIA (NX / BroE   | V     | V    | ×    | yw.      | 17:       | Certificate Courses in Dry Lab Dumain<br>SAS in Clinical Research   | V.  | V     | X   | VI-VIII  |
| 18        | Hypermeth / Armys Regular/ Nastron or Patron/<br>Amays CPR  | V     | ٧    | ×    | WY.      | 18        | Certificate course in Wet Lab domain   Any ene   (a) Fermentation & OSP Technology (b) financiplical Technologies         | ď   | V     | X   | VI-VIII  |
| 15        | Centricine course in Management and Leadership  | Ý     | V    | X    | VΠ       | 19        | Certification course in Management & Leadership   | V   | V     | Х   | VII      |
| 20        | interrutional industrial Volt.  | V     | X    | X    | VII-VIII | 20        | International industrial Visit  | ٧   | ×     | ×   | VII-VIII |



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

Jeneen, Automobile Engg.

Principal New Horlson College of Engineering Outer Ring Result - Seather Post

"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"



# **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, Osco, 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 Herizon College of Engineering



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

# INFORMATION SCIENCE & ENGINEERING



#### MASTER OF COMPUTER APPLICATIONS



| SI.<br>Nes | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS              | 6    | P   | ŧ    | SEM      | SI<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS  | G  | P   | E   | SEM    |
|------------|--|------|-----|------|----------|----------|--|----|-----|-----|--------|
| 1          | B.F. Degree (Visvesvaraye Technological University)  | V    | V   | V    | 1-VIII   | 1        | MCA Degree (Visvesvaraya Technological University)   | V  | V   | V   | IVI    |
| 2          | Midian Society for Technical Education (ISTE)  | V    | V   | V    | 111      | 2        | Computer Society of India (CSI) Membership   | V  | ¥   | ¥   | 11     |
| 7          | Computer Society of India (CSI) Membership   | V    | V   | V    | IV       | 3        | industrial visit   | V  | V.  | V   | m-vi   |
| £          | IT Based industrial tour   | V    | V   | V    | v        | 4        | Guest Lectures by eminent experts  | V  | V   | ×   | IVI    |
| 5          | Guest Lectures by eminent personalties   |      |     |      |          | 5        | Organizing workshops   | V  | V   | V   | III-VI |
| -          | Guest Decisives by eminent personalities   | V    | ٧   | V    | III-VIII | 6        | Technical students Symposium/ Conference   | V  | V   | V   | 11-41  |
| 6          | Organizing workshops   | V    | ٧   | V    | m-vm     | 7        | Club activities  | V  | V   | V   | T-V1   |
| 7          | Organizing servirurs   | V    | V   | V    | I-VIII   | В        | Participation in National International Technical Events   | H  | V   | V   | I-VI.  |
|            | Technical students Symposium / Conference  | V    | V   | ٧    | t-vm     | 9        | Bridge course  |    | V   | V   | 1      |
| 9          | Participation in National, International Seminar   | V    | V   | N    | I-VIII   | 10       | Collaborating with faculty in Research   |    | V   | V   | DAT    |
| 10         | Coaching and remedial Classes  | V    | V   | V    | 1-VIII   | 11       |  |    |     | -   |        |
| 11         | Enabling and encouraging students to prepare to participate in various in-house competitions.            | V    | V   | V    | 1-VIII   | Н        | T-111  | V. | V   | ٧   | I-VI   |
| 12         | Enabling and encouraging students to participate in various inter-collegists & inter-Univ. competitions. | V    | V   | V    | 1-VIII   | 12       | in various in-house competitions   | V  | V   | ٧   | 1-VI   |
| 13         | Mentoring  | V    | V   | V    | 1-VIII   | 13       | Enabling and encouraging students to prepare to participate<br>in various inter Collegate and inter-University competitions  | V  | ٧   | V   | 1-V1   |
| 14         | Mack Vive-Vace   | V    | V   | V    | VI-VIII  | 14       | Mentoring  | V  | V   | V   | IVI    |
| 15         | Professional students counseling   | V    | V   | V    | I-VIII   | 15       | Resume writing workshop(Industry Oriented)   | V  | v   | V   | :IV    |
| 16         | Exclusive CV writing workshop  | V    | V   | V    | VI-VII   | 16       | Mock Viva-Vace   | V  | V   | V   | II-VI  |
| 17         | Suidance for Education loans and bank formalities  | V    | V   | V    | I-VIII   | 17       | Professional students Counseling   | V  | V   | V   | I-VI   |
| G          | obal and Professional Skill Incremental Program (B   | y In | dus | гу Б | sperts)  |          | Professional Skill Incremental Program (8y industry  | γĒ | per | ts) |        |
| 18         | Training on CCNA / Data Security certification   | V    | V   | X    | TII/TV   | 1.8      | Training and Certification on Core Java  | V  | V   | ×   | ш      |
| 19         | Training on Enterprise Java  | V    | ٧   | X    | ٧        | 1.9      | Training and Certification on Python   | V  | V   | ×   | īV     |
| 20         | Training on Big Date and PHYTON  | V    | V   | X    | W        | 20       |  | +  | V   | ×   | īV     |
| 21         | Training on Cloud computing  | V    | V   | ×    | All      | 21       | The many the second street of the second sec |    |     |     |        |
| 22         | Training on Project Management   | 4    | V   | X    | VII/VIII |          | Training on Data Science and Analytics   | ٧  | V   | X   | ٧      |
| 23         | International Industrial Visit   | V    | ×   | ×    | VIII     | 22       | International Industrial Visit   | V  | X   | X   | VI     |

New Horizon has an excellent faculty student relationship which helped groom us as engineering professionals. The college provides excellent placement training. Training and Placements Office provides each and every havi Shekar student with abundant opportunities to land an Wipre Ltd., offer letter before graduating.





# Courses are available in 2 different streams. G-Global, P-Professional





# MECHANICAL ENGINEERING

| -         |   |      |    |          |     | A.  | 40  |    |            |
|-----------|---|------|----|----------|-----|---|-----|----|------------|
| SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                     | G    | P  | SEM      | SI. |   | G   | P  | SEM        |
| 1         | B.E. Degree (Visvesvaray)) Technological University)  | V    | V  | 1-VIII   | 1   | B.E. Degree (Visuesvaraya Technological University  | 0 1 | V. | 1-VIII     |
| 2         | Indian society for Technical Education (STH) membership   | V    | V  | V-VS     | 2   | Indian Society for Technical Education (ISTE)<br>membership   | V   | V  | V-VI       |
| 3         | Society of Automotive Engineering (SAE) Membership  | V    | V  | VVI      | 3   | Industrial visit  | V   | V. | III - VIII |
| é         | Industrial Visut  | V    | V  | III-NIII | 4   | Goest lecture by eminent experts  | V   | V  | in-vm      |
| i'u       | Guest Lectures by eminent experts   | V    | ٧  | III-AIII | 5   | Organizing workshops on recent trends in<br>Mechanical Engineering  | V   | V  | m - vm     |
| 6         | Organising workshops on recent trends in Automobile<br>Engineering  | V    | ¥  | III-VIII | 6   | Technical students symposium  | V   | V  | III - VIII |
| 7         | Technical Students Symposium / Conference   | V    | V. | III-viii | 7   | Organizing Seminars on recent developments in<br>Mechanical Engineering   | V   | V  | 111 - VEII |
| 8         | Participation in National, International Seminars   | V    | ٧  | m-vm     | 8   | Participation in National, International Seminars   | V   | V  | III - VIII |
| 9         | Resume writing workshop (industry Oriented)   | V    | V  | VI       | 9   | Resume writing workshop ( industry Oriented)  | V   | V  | VII        |
| 10        | Coaching and remedial classes   | ¥    | ٧  | 1-VIII   | 10  | Coaching and remedial Classes   | V   | V  | t-VIII     |
| 11        | Enabling and encouraging students to prepare to<br>participate in various in-house Competitions                                 | V    | V  | 1-VIII   | 11  | Enabling and encouraging students to prepare to participate in various inhouse competitions.                    | V   | V  | i-viii     |
| 12        | Enabling and Encouraging students to prepare to<br>participate in various inter-collegiate and inter<br>University Competitions | V    | V  | 1-VIII   | 12  | Enabling and encouraging students to prepare to   | V   | V  | 1-vm       |
| 13        | Mentoring.  | V    | V  | I-AIII   | 13  | Mentoring   | V   | V  | 1-911      |
| 14        | Mock was usee   | V    | V  | 1-VIII   | 14  | Mock viva - voce  | V   | V  | 1 - AIII   |
| 15        | Professional Counselling  | V    | V  | 1-VIII   | 15  | Professional counseling   | V   | V  | 1 - AII3   |
| 16        | Guidance for Education loans and bank formalities   | V    | v. | W-W      | 16  | Guidance for Education loans and bank formalities   | V   | V  | VI + VII   |
| 17        | Enabling and encouraging students to prepare to<br>write NPTEL MODE certification courses                                       | V    | V  | 3-VIII   | 17  | Enabling and encouraging students to prepare to<br>write NPTEL MOOC certification courses                       | V   | V  | I-VIII     |
| 18        | Student Club Activities   | V    | Ý  | t-vIII   | 18  |   | V   | V  | 1-VIII     |
| Ô         | Global Skill Incremental Program By Industry Ec   | pell |    |          |     | Global Skill Incremental Program (By Industry   | Exp |    |            |
| 19        | Training and Certification program on CAD / CAM Software  | V    | X  | III-IV   | 19  | Training & Certification program CATIA / NX / ProE  | ý.  | X  | myrv       |
| 20        | Training and Certification program on analysis/<br>CFD package  | V    | X  | V-VI     | 20  | Training & Certification program on analysis Package of<br>Hypermesh/Ansys Regular/Natitron or Potron/Ansys CEX | V   | X  | V/VI       |
| 21        | Training on Autotronics   | V    | X  | V-VIII   | 21  | City and Ameleoted Confinences For the Advantage of   | ý   | ×  | VĮVII      |
| 22        | Training on Technical Servicing / Marketing   | V    | X  | VII-VIII | 22  | Certification Program on Digital Marketing  | V   | ×  | VI         |
| 23        | Training and Certification program on<br>Robotics based Automation  | ٧    | X  | ٧        | 23  | Training and Certification program on<br>Robotics based Automation  | V   | х  | ٧          |
| 24        | International Student Exchange program.   | V    | X  | VII      | 24  |   | V   | X  | VII        |

#### Note:

\* International Student Exchange program is offered to Meritorious students at cost and Engineering

\* Credit transfer will be available for MS Programs

Outer Ting Pour Bellendur Post, Martindova 500 103,



# Courses are available in 2 different streams. G-Global, P-Professional





# COMPUTER SCIENCE & ENGINEERING



| -        | and the same of th |     |     |           |           |   |   |    | de.      |
|----------|--|-----|-----|-----------|-----------|---|---|----|----------|
| SI<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRE: SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS  | 6   | 1   | SEM       | SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS     | 6 | P  | SEM      |
| 1        | B.E Clegrop (Visvesvaraya Technological Geoversity)  | ٧   | V   | I-VIII    | 1         | ILE Degree (Visuesvaraya Technological University   | V | V  | I-VIII   |
| 2        | Inclian Society for Technical Education Membership   | ٧   | V   | V-VI      | 2         | Computer Society of India. (CSI) Membership.  | V | V  | V-V1     |
| 3        | Industrial Visit   | V   | V   | 111-1/111 | 3         | Indian Society for Technical Education Membership   |   |    |          |
| 4        | Quest Lectures by eminent experts.   | V   | V   | 111-1/211 | -         |   | ۲ | V  | V-VI     |
| 5        | Organizing Workshops on recent trends in<br>Ovil Engineering   | V   | V   | III-VIII  | 4         | Industrial Visit:   | V | V  | III-VIII |
| 6        | Organizing Seminars on recent developments in<br>Civil Engineering   | V   | V   | III-VIII  | 5         | Guest Lectures by eminent experts   | V | V  | III-VIII |
| 7        | Technical Students Symposium / Conference  | V   | V   | 113-VIII  | 6         | Organizing workshops on recent brends in<br>Computer Engineering                                | V | V  | III-VIII |
| 1.       | Participation & presentation of papers in National &<br>International Seminars / Conferences   | V   | V   | III-VIII  | 7         | Organizing Seminars on recent developments in<br>Computer Engineering                           | V | V. | ш-иш     |
| 9        | Resume writing workshop  | V   | V   | TV        | 8         | Technical Students Symposium / Conference   | V | V  | m-vm     |
| 10       | Coaching and remedial Classes  | V   | V   | I-VIII    | 9         | Participation & presentation of papers in National &<br>International Seminars / Conference     | V | V  | III-VIII |
| 11       | Enabling and encouraging students to prepare to participate in various in-house competitions   | V   | V   | 1-VIII    | 10        | Resume writing workshop (Industry Oriented)   | V | V  | VI       |
| 12       | Enabling and encouraging students to properly to perturbate in sanous order-Collegiate and infler University competitions.   | V   | V   | 1-VIII    | 11        | Coaching and remedial Classes   | V | V  | 1-VIII   |
| 13       | Mentoring  | V   | V   | 1-VIII    | 12        | Enabling and encouraging students to prepare to<br>participate in various in-house competitions | V | V  | 1-VIII   |
| 14       | Mock vive-vace   | V.  | V   | IMI       | 13        | Enabling and encouraging students to prepare to   | V | V  | I-VIII   |
| 15       | Professional Counseling  | ٧   | ¥   | 1-VIII    | 14        | University competitions Mentoring   | E | H  |          |
| 16       | Guidance for Education loans and bank formalities  | V   | V   | I-VIII    | 15        | Mock wire-voce  | V | V  | 1-VIII   |
| 17       | Enabling and encouraging students to prepare to  | V   | V   | 1-VIII    | 16        | Professional Counseling   | V | V  | I-VIII   |
|          | write NFTEL MOOC certification courses   | ٧   | Y   | r. witt   | 17        | Guidance for Education loans and bank formalities   | V | V  | I-VIII   |
| 1E       | Student Club Artivities  | V   | V   | LVIII     | 18        | Enabling and encouraging students to prenaw to  | V | V  | 1-VIII   |
|          | Global Skill Incremental Program (By Industry E  | «pe | rts |           | 19        | write NPTEL MOOC certification courses Student Club Activities                                  |   |    |          |
| 19       | Training and Certification program on Construction<br>Technology   | ٧   | ×   | TV-V      | 1         | Global Skill Incremental Program (By Industry   | V | V  | 1-VIII   |
| 20       | Training and Certification program on 3D Studio-<br>Max  | V   | ×   | IV-V      |           | Training and Certification program in   |   | -  |          |
| 21       | Training and Certification program in Total Station  | V   | ×   | V-VI      | 20        | Programming in Big Data in R  Training and Certification program in Machine                     | V | X  | V-VI     |
| 22       | Training and Certification program<br>on ETAB Software   | V   | X   | V-VI      | 21        | Learning in Python Training in Software Testing   | V | X  | TV-V     |
| 22       | Training and Certification program on Primavera  | V   | ×   | VII       | 22        | Training on Cloud Computing   | V | X  | VII      |
| 24       | International Student Exchange program*  | V   | X   | VII       | 24        | International Student Exchange program*   | ¥ | X  | AII      |

## Note:

\* International Student Exchange program is offered to Meritorious students apposite

\* Credit transfer will be available for MS Programs

New Horizon College of Engineering Outer filing Road, Bellandur Pour,

Elampinore 550 103,



# **ELECTRICAL AND ELECTRONICS ENGINEERING**



#### **ELECTRONICS AND COMMUNICATION ENGINEERING**



|     | ACADEMIC PERTURES - PUP COVALID<br>CENTRIC CYLINGED - DESIGNED ACCES<br>DEBUGGEY EXPECTATIONS:             |     |     |         |
|-----|--|-----|-----|---------|
| 1   | B.E.Degree (Visveswraya Technological University)  | V   | Y   | PAUL    |
| 2   | Indian Society for Technical Education (ISTE)<br>Membership  | V   | V   | 131     |
| 3   | Industrial Visit   | V   | V   | ш-ил    |
| q.  | Guest Lectures by eminent experts  | V   | V   | T-VIII  |
| 5   | Organizing workshops on recent trends in<br>Electronics & Communications                                   | V   | V   | mvn     |
| 6   | Organizing seminars on recent developments in<br>Electronics & Communications                              | V   | V   | III-VII |
| ý   | Technical students Symposium / Conference  | V   | V   | m-vu    |
| 00  | Exclusive CV writing workshap  | V   | V   | VI      |
| 9   | Participation & presentation of papers in National<br>& International Seminars / Conferences               | V   | V   | I-VIII  |
| 10  | Coaching and remedial Classes  | V   | V   | PVIII   |
| 11  | Enabling and encouraging students to prepare to<br>participate in various in-house compositions            | V   | V   | 1-11    |
| 12  | Enabling and entouraging students to participate in<br>various inter collegiate & inter-Univ. competitions | V   | ٧   | 1-VIII  |
| 13  | Mentoring  | V   | V   | IVIII   |
| 14  | Mock Vivia-Vace  | V   | ٧   | iviii   |
| 15  | Professional counseling  | ٧   | ٧   | 3-VIII  |
| 16  | Guidance for Education loans and bank formalities  | V   | V   | VII-VII |
| 17. | Enabling and encouraging students to prepare to write NPTEL MOOC certification courses                     | V   | V   | ₽VIII   |
| 18  | Student Gub Activities   | ٧   | ٧   | ₩VIII   |
|     | Global Skill incremental frugram (by Industry)   | 211 | (H) |         |
| 19  | Electronic Device based Internet of Things (ICIT)  | ٧   | ×   | tv-vII  |
| 20  | Multimedia Machine Vision / Computer Vision  | V   | ×   | IV-VII  |
| 27  | Training & Certificate on Programme on<br>Robotics based Automation  | V   | ×   | IV-VII  |
| 12  | International Student Exchange program.*   | V   | ×   | VII     |
|     |  | _   |     |         |

#### Note:

\* International Student Exchange program is offered to Meritorious students at cost of

\* Credit transfer will be available for MS Programs

New Horizon Coilege of Engineering

Outer Rine Road Bellander



# Courses are available in 2 different streams. G-Global, P-Professional



# INFORMATION SCIENCE & ENGINEERING



| A S A STREET | OF FR | BARLETS. | THE R. P. | NAME AND A | CONTRACTOR OF THE PARTY OF THE |
|--------------|-------|----------|-----------|------------|---|
| MASTER       |       |          | ER AL     |            | AT HARDS  |
|              |       |          |           |            |   |



| _     | INFORMATION SCIENCE & ENGINEER  | 2 Pro | 3 3  | No. of Concession, Name of Street, or other Persons, Name of Street, or ot |     | MASTER OF COMPUTER APPLICATIONS  |   | 1  |        |
|-------|---|-------|------|--|-----|--|---|----|--------|
| SI NO | ACADEMIC FLATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY-EXPECTATIONS             | 6     | p    | SEM  | SI. | ACADEMIC FEATURES - EMPLOYMENT<br>CENTR-C SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                  | G | E  | SEM    |
| Ť     | ILE Degree (Vlovesvaraya Technological University)  | V     | V    | IIIVII   | 1   | MCA Degree (Visvesvaraya Technological University)   | V | V  | I-VI   |
| 2     | Indian Society for Technical Education (ISTE)<br>Institute Membership                                   | V     | V    | m  | 2   | Computer Society of India (CSI) Membership   | V | V  | п      |
| 3     | Computer Society of India (CSI) Membership  | -     | -    | 100  | 3   | Industrial visit   | V | V  | III-VI |
| -     | en-reporter scorety of more years wernbership.  | V     | ٧    | IV   | 4   | Guest Lectures by eminent experts  | V | V  | I-VI   |
| 4     | If Besed industrial tour  | V     | V    | ٧  | -   |  | - | Н  |        |
| 5     | Guest Lectures by eminent personalities   | V     | V    | m-vm   | 6   | Organizing workshops   | - | H  | III-VI |
| 6     | Organizing workshops  | V     | 5    | III-VIII   | 6   | Technical students Symposium/ Conference   | ¥ | ٧  | II-VI  |
| erie. | Sa The same settings  | Y     | Y    | incytat  | 7   | Club activities  | ٧ | V  | I-VI   |
| 7     | Organizing seminars   | V     | V    | 1-VIII   | 1   | Participation in National International Technical Events   | V | V  | 1-71   |
| 8     | Technical students Symposium / Conference   | V     | V    | I-VIII   | 9   | Bridge course  | V | -  | ī      |
| 9     | Participation in National, International Seminar  | V     | V    | 1VIII  | 10  | Collaborating with faculty in Research   | V |    | B-VI   |
| 10    | Coaching and remedial Classes   | V     | V    | 1-VIII   | H   |  |   |    |        |
| 11    | Enabling and encouraging students to prepare to participate in various in-house competitions            | V     | V    | DAIII  | 11  | Coaching and remedial classes  Enabling and encouraging students to prepare to perticipate                                   | V | V  | 1-V1   |
| 12    | Enabling and encouraging students to participate in various inner collegiate & inter-Univ. competitions | V     | V    | PVIII  | 12  | in various in-house competitions   | V | V. | I-VI   |
| 13    | 125   | V     | V    | 1-VIII   | 13  | Enabling and encouraging students to prepare to participate<br>in various inter Collegiate and inter-University competitions | V | V  | I-VI   |
| 14.   | Mack Viva-Voce  | V     | V    | VI-VIII  | 14  | Mentaring  | V | V  | I-VI   |
| 15    | Professional Counseling   | V     | V    | I-VIII   | 15  | Resume writing workshop(Industry Oriented)   | V | V  | IV     |
| 16    | Exclusive CV writing workshop   | V     | V    | VI-VII   | 16  | Mock Viva-Voce   | V | V  | II-VI  |
| 7.7   | Suidance for Education loans and bank formalities   | V     | V    | 1-VIII   | 17  | Professional Counseling  | V | V  | 1-V1   |
| 18    | Enabling and encouraging students to prepare to<br>write NPTEL MOOC certification courses               | V     | V    | I-VIII   | 18  | Enabling and encouraging students to prepare to<br>write NPTEL MGOC certification courses                                    | V | V  | PVIII  |
| 19    | Student Club Adivities  | V     | V    | I-VIII   | 19  | Student Club Activities  | V | V  | I-VIII |
|       | Global Skill Incremental Program (By Industry I   | 10    | OIE. | 1  |     | Global Skill Incremental Program (By Industry Expert   | 9 |    |        |
| 20    | Python Programme  | V     | X    | III/IV   | 20  | Training and Certification on Core Java  | V | X  | m      |
| 21    | Software Testing & Automation   | V     | X    | ٧  | 31  | Training and Certification on Python   |   | -  |        |
| 22    | R Programming for Big Data  | V     | X    | VI   | 21  | 100 CO   | ٧ | X  | IV     |
| 23    | Training on Cloud computing   | V     | X    | VII  | 22  | Training on Android Application Development  | ٧ | X  | IV     |
| 24    | Training on Project Management  | V     | X    | Vttr   | 23  | Training on Data Science and Analytics   | V | X  | V      |
| 75    | International Student Exchange program  | V     | X    | VII  |     | 1. +   | W | 4  |        |

\* International Student Exchange program is offered to Meritorious students of Costage of Engineering

\* Credit transfer will be available for MS Programs

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

| SI.<br>No | Industry Integrated Academic Features   | G      | P     | E    | Sem    |
|-----------|---|--------|-------|------|--------|
| 1         | MBA from VTU  | 4      | 4     | √.   | I-IV   |
| 2         | Training in SPSS  | V      | V     | V    | II     |
| 3         | Training in Advance Excel In Business   | V      | V     | 1    | II     |
| 4         | Out bound Experiential Learning Program   | V      | V     | 0    | I-II   |
| 5         | Workshop on Stock Market Operations   | V      | V     | V    | П      |
| 6         | Certificate in Entrepreneurship Development   | V      | V     | V    | II-III |
| 7.        | Business Incubation Support   | V      | V     | 'N'  | I-IV   |
| 8         | Workshop on Business & Finance News Analysis<br>(Business Newspaper Subscription )  | V      | V     | v    | I-IV   |
| 9         | Training in online publications skills  | V      | V     | V    | I-IV   |
| 10        | Competency Mapping & Profiling workshop   | V      | V     | V    | 11-111 |
| -11       | Specialization Orientation Workshop & Certification   | V      | 1     | V    | - 11   |
| 12        | Industry Sectoral Analysis workshop   | V      | V     | V    | II     |
| 13        | Corporate Support Projects  | 4      | 1     | V    | III-IV |
| 14        | Project Report Writing  | V      | V     | V    | IV     |
| 15        | Presentation skills Enhancement   | .V.    | V     | V    | II-IV  |
| 16        | Case Writing & Case Analysis  | V      | V     | V    | IV     |
| 17        | Industry expert guest lectures  | V      | 4     | V    | 11     |
| 18        | Industrial Visits   | V      | 4     | V    | 1-17   |
| 19        | Membership in Department Clubs  | V      | 4     | V    | II     |
| 20        | Membership in New Horizon Alumni Forum  | ·V.    | 4     | V    | III    |
| 21        | Membership from All India Management Association  | ·v.    | V.    | V    | Ш      |
| N.        | kill Enhancement for Global (G) and Profession  | onal ( | P) Pi | ogra | III I  |
| 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) | ٧      | ٧     | 1    | III-IV |
| 23        | Training in SAP   | V      | V     | ×    | III-IV |
| 24        | Capstone Business Simulation  | V      | V     | X    | III-IV |
| 25        | International Industrial Tour   | V      | 30    | - 10 | 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 inclustry 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 Ali 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 glants like Intel, Accenture, Aricent, Cisco, JP Morgan, Symphony etc to aid in the development of knowledge. NHCE provides an environment that is conductive 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

linge of Engineering

ig Road Bellandar Post,

ngatore set 103.

· 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**



#### **ELECTRONICS AND COMMUNICATION ENGINEERING**

| SI.<br>No | PERSONAL CONTRACTOR SERVICES AND ASSESSED.  | G  |   | ı | SEM         |
|-----------|---|----|---|---|-------------|
| 1         | ILE Degree (Visvesvaraya Technological University)  | V. | V | V | 1-VIII      |
| 2         | Institute of Electrical & Electronics Membership  | V  | V | V | V-V1        |
| 3         | Industrial Visit  | V  | V | V | III-VIII    |
| 4         | Guest Lectures by eminent experts   | V  | V | V | III-VIII    |
| 161       | Organizing workshops on recent trends in Eletrical &<br>Electronics Engineering   | V  | V | V | III-VIII    |
| 6         | Organizing Seminars on recent developments in<br>Electrical & Electronics Engineering   | V  | V | V | III-VIII    |
| 7         | Technical students Symposium/Conference   | V  | V | V | III-VIII    |
| -00       | Participation & preservation of papers in National &<br>International Seminars / Conference                                     | V  | V | V | III-AIII    |
| 9         | Resume writing workshop (Industry Oriented)   | V  | V | V | W           |
| 10        | Coaching and remedial Classes   | V  | V | V | 1-VIII      |
| 11        | Enabling and encouraging students to prepare to<br>porticipate in various in-house compesitions                                 | V  | V | V | 1-VIII      |
| 12        | Enabling and encouraging students to prepare to<br>participate in various inter-Collegiate and<br>inter-University competitions | V  | V | V | I-VIII      |
| 3         | Mestoring   | V  | V | V | 1-VIII      |
| 14        | Mack viva-vace  | V  | V | V | 1-1111      |
| 15        | Students Professional Counseling  | V  | V | V | I-VIII      |
| 6         | Guidance for Education loans and bank formalities   | V  | V | V | 1-VII       |
| ľ         | Training And Certification Program  |    |   |   |             |
| 17        | Training on Electrical Autocad  | V  | ٧ | Х | IVVII       |
|           | Primaverà + Revit Mep   | V  | V | X | TV-VII      |
| 9         | Training on Industrial Automation - PLC, SCADA  | V  | ٧ | X | IVVII       |
| 09        | Embedded System for Drives  | V  | ٧ | × | IVVII       |
| 21        | Training on Technical Sales and Marketing   | V  | ٧ | × | VIII / VIIV |
| 22        | International Industrial Visit  | V  | X | × | VIII        |

| SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS             | 6    | P    | E    | SEM      |
|-----------|---|------|------|------|----------|
| 1         | B.E. Degree (Visvesvaraya Technological University)   | V    | V    | V    | 1-VIII   |
| 2         | Indian Society for Technical Education (ISTE) Membership  | V    | V    | V    | ш        |
| 3         | Industrial Visit  | V    | ¥    | V    | III-VIII |
| 4         | Guest Lectures by eminent experts   | V    | 4    | V    | I-VIII   |
| 5         | Organizing workshops on recent trends in<br>Electronics & Communications                                | V    | V    | V    | III-VIII |
| 6         | Organizing seminars on recent developments in<br>Electronics & Communications                           | V    | V    | V    | m-vm     |
| 7         | Technical students Symposium / Conference   | V    | V    | V    | m-vm     |
| 8         | Exclusive CV writing workshop   | V    | V    | V    | VI       |
| 9         | Participation & presentation of papers in National<br>& Incornational Seminars / Conferences            | V    | V    | V    | 14111    |
| 10        | Coaching and remedial Classes   | V    | V    | V    | I-VIII   |
| 11        | Enabling and encouraging students to prepare to<br>participate in various in-house competitions.        | V    | V    | V    | 1-11     |
| 12        | Enabling and encouraging students to participate in vorious inter-collegiate & inter-Unix, competitions | V    | V    | V    | I-VIII   |
| 13        | Mentoring   | V    | V    | V    | IAIII    |
| 14        | Mock Viva-Voce  | V    | V    | V    | tvm      |
| 15        | Professional students counseling  | V    | ٧    | V    | PVIII    |
| 15        | Guidance for Education loans and bank formalities   | V    | V    | V    | VII-VIII |
| Gle       | but and Professional Skill Incremental Program (By  | line | Aust | ry E | (perts)  |
| 17        | Certificate course in VLSI  | V    | V    | x    | y        |
| 18        | Training on Internet of Things (IoT)  | V    | V    | ×    | VII      |
| 19        | Training on Customer Management   | ٧    | V    | ×    | VI       |
| 20        | International Industrial Visit  | V    | ×    | ×    | VII-VIII |



hi-ICE, which strives in pursuit of excellence, is an outstanding institution one can proudly be a part of in this wonderful journey of building a strong career, it has helped me build a concrete base of knowledge, skills, thereby making me competent to face future challenges and emerge as a successful professional. I am proud to be a NEW HORIZONITE

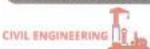


It has been a privilege to be a student of NHCE for the period few years. NHCE has pasted any path to success. To all the teaching and non-bracking shalf of NHCE. Thank you, for brightening my life with the acts of kindness, and for having the smalless of tempors and biggest of hearts. I also many the Placement offices for the condition support. THANK YOU'LD SHIP THE CONTROL OF THE CONTROL OF



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





### COMPUTER SCIENCE & ENGINEERING



| SI<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                | 6   | P    | -    | SEM      | SI<br>No | ACADÉMIC FEATURES : EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                     | G    | P    | E   | SEM      |
|----------|--|-----|------|------|----------|----------|---|------|------|-----|----------|
| 1        | B-E Diegree (Visvesvarnya Yechnological University)  | V   | V    | V    | 1-VIII   | ,        | R.E Degree (Visvesvaraya Technological University   | V    | V    | V   | 1-VIII   |
| 2        | Indian Society for Technical Education Membership  | ٧   | V    | V    | VVT      | 2        | Computer Society of India. (CSI) Membership   | V    | V    | V   | V-VI     |
| 2        | Industrial Visit   | V   | V    | V    | m-vm     | 3        | Indian Society for Technical Education Membership   | J    | V    | V   | V-VI     |
| 4        | Guest Lectures by eminent experts  | V   | V    | ٧    | m-vm     | 4        | Industrial Visit  | 15   | V    | V   | mi-vm    |
| 5        | Organizing Workshops on recent trends in<br>Civil Engineering  | V.  | V    | V    | m-vm     | H        |   | ľ    | -    | -   | 2000000  |
| Ð        | Organizing Seminars on recent developments in<br>Civil Engineering   | V   | V    | V    | m-vm     | 5        | Guest Lectures by environt exports  Organizing workshops on recent trends in  | Y    | V    | V   | III-VIII |
| 7        | Technical Students Symposium / Conference  | V   | V    | V    | III-VIII | 6        | Computer Engineering  | V    | V    | V   | III-AIII |
| 8        | Participation & preservation of papers in National & International Seminary / Conferences                                  | V   | V    | V    | III-VIII | 7        | Organizing Seminars on recent developments in<br>Computer Engineering   | V    | V    | V   | III-VIII |
|          | Resume writing workshop  | V   | V    | V    | VI       | 8        | Technical Students Symposium / Conference   | V    | V    | V   | III-VIII |
| 10       | Coarting and remedial Classes  | V   | V    | V    | I-VIII   | 9        | Participation & presentation of papers in National &<br>International Seminars / Conference                                     | 1    | V    | V   | III-VIII |
| 11       | Enabling and encouraging students to prepare to<br>participate in venture in house competitions                            | V   | V    | V    | 1-1111   | 10       | Resume writing workshop (Industry Criented)   | Y    | V    | V   | ٧f       |
| 12       | brushing and encouraging students to prepare to participate in various inter-Collagate and letter University competitions. | V   | V    | V    | 1-VIII   | 11       | Coaching and remedial Classes   | V    | V    | V   | 1-9333   |
| 13       | Mentaring  | ٧   | V    | V    | 1-VIII   | 12       | Enabling and encouraging students to prepare to<br>participate in various in-house competitions                                 | V    | V    | V   | 1-VIII   |
| 14       | Mack vivil-vace  | V.  | V    | V    | 1-VIII   | 13       | Enabling and encouraging students to prepare to<br>participate in various inter-Collegiste and Inter<br>University competitions | V    | V    | V   | 1-VIII   |
| 15       | Student's Professional Counseling  | ٧   | V    | V    | 1-VIII   | 14       | Mentoring   | V    | V    | W   | FVIII    |
| 16       | Guidence for Education loans and bank formalities  | V   | V    | V    | 1-1/11   | 15       | Mock viva-voce  | V    | V    | V.  | 1-VIII   |
| Gâ       | obal and Professional Skill Incremental Program (B)  | Inc | lust | ry E | (perts)  | 16       | Student's Professional Counseling   | V    | V    | V   | 1-VIII   |
| 17       | Training and Certification program on Construction<br>Technology   | V   | ¥    | ×    | JV-V     | 17       |   | V    | ٧    | ٧   | 1-VIII   |
| 18       | Training and Certification program on 3D Studio  | V   | V    | ×    | IV-V     | 6        | lobal and Professional Skill Incremental Program (B)  | line | lust | y t | eperts)  |
|          | Max  | V   | V    | X    | 9.91     | 18       | Training and Certification program in Oracle DBA  | ٧    | *    | Х   | V-VI     |
| 19       | Training and Certification program in Total Station  Training and Certification program on E TAB                           |     |      |      |          | 19       | Training and Certification program in Big Data<br>Analytics   | ¥    | V    | X   | IV-V     |
| 20       | Software   | ٧   | ¥    | X    | VVVI     | 20       | Training in Core Java   | V    | V.   | X   | VI-VII   |
| 21       | Training and Certification program on Primavera  | ٧   | V.   | X    | VIII     | 25       | Training in Software Testing  | Ý    | V    | X   | VII      |
| 22       | International Industrial Visit   | V   | ×    | ×    | VII-VIII | 22       | International Industrial Visit  | V    | X    | ×   | AII-AIII |



The college has one of the finest infrastructure and facilities. It also provides a lot of exposure for extracurricular activities. The training and assistance provided by the teachers of the civil dept. is unparalleled. The college provides good placement assistance to deserving candidates and I have been placed in one of the companies through campus recruitments.



NHCE provided me a perinct laurich pad to start my journe; cowards a successful career. The placement training courses organized by the Placement cell of NHCE helps one to find out the strengths and weakness at an early stage and are a boon during the campus interview process, where one can face them confidently.



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



# MECHANICAL ENGINEERING

| SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                       | G    | P    | E    | SEM      | SI<br>No | ACADEMIC FEATURES - EMPLOYMENT<br>CENTRIC SYLLABUS DESIGNED AS PER<br>INDUSTRY EXPECTATIONS                                      | G       | P   | E    | SEM        |
|-----------|---|------|------|------|----------|----------|--|---------|-----|------|------------|
| 1         | B.E.Degree (Visvesvaraya Technological University)  | V    | V    | V    | 1/VIII   | 7        | B.E Degree (Vizvesvaraya Technological University  | 1 1     | V   | V    | T- AHI     |
| -2        | Indian society for Technical Education (ISTE) membership  | V    | V    | V    | AAL      | 2        | indian Society for Technical Education (ISTE) membership   | V       | N   | V    | V-VI       |
| 3         | Industrial Visit  | V    | V    | V    | III-VIII | 3        | Industrial visit   | V       | V   | V    | menn       |
| 4         | Guest Lectures by eminent experts   | V    | V    | V    | III-VIII | 4        | Guest lecture by eminent experts   | V       | V   | V    | III - VIII |
| 5         | Organising workshops on recent trends in Automobile<br>Engineering and Management   | V    | V    | V    | m-vm     | 5        | Organizing workshops on recent trends in<br>Mechanical Engineering   | V       | V   | V    | III - AIII |
| 8         | Organising seminars on recent trends in Automobile<br>Engineering and Management  | V    | V    | V    | III-VIII | 6        | Technical students symposium   | V       | V   | V    | III - VIII |
| 7         | Technical Students Symposium / Conference   | V    | V    | V    | III-VIII | 7        | Organizing Seminars on recent developments in<br>Mechanical Engineering  | ¥       | V   | ٧    | nt-vm      |
| 8         | Participation in National, International Seminars   | V    | V    | V    | III-VIII | 8        | Participation in National, International Seminars  | v       | V   | V    | m-vm       |
| 9         | Resume writing workshop (Industry Oriented)   | ٧    | V    | V    | W        | G)       | Resume writing workshop ( Industry Oriented)   | 4       | V   | V    | VII        |
| 10        | Coaching and remedial classes.  | V    | V    | V    | I-VIII   | 10       | Coaching and remedial Classes  | V       | V   | V    | I+VIII     |
| 11        | Enabling and encouraging students to prepare to<br>perhopate in various in-house Compessions                                      | V    | V    | V    | 11VIII   | 11       | Enabling and encouraging students to prepare to<br>participate in various inhouse competitions                                   | V       | V   | V    | I-VIII     |
| 12        | Enabling and Encouraging students to prepare to<br>participate in various inter-collegiate and inter-<br>University Competitions. | V.   | V    | V    | INIII    | 12       | Enabling and encouraging students to prepare to<br>participate in various inter-collegiate and inter-<br>university competitions | V       | V   | V    | I-VIII     |
| 13        | Mentoring   | V    | V    | V    | 1-AIII   | 13       | Mentoring  | ٧       | V   | V    | 1-VIII     |
| 14        | Mock-viva-voce  | V    | V    | V    | 1-VIII   | 14       | Mock viva - vace   | V       | V   | ×    | I-AIII     |
| 15        | Student's Professional Counselling  | V    | V    | V    | 1-VIII   | 15       | Students Professional counseling   | V       | V   | V    | 1-VIII     |
| 16        | Guidance for Education loans and bank formatives  | V    | V    | V    | VI-VII   | 16       | Guidance for Education loans and bank formalities  | V       | V   | V    | VI + VII   |
| GA        | obal and Professional Skill Incremental Program (By   | Indi | ustr | y Fa | perts)   | G        | lobal and Professional Skill Incommental Program (D  | y Trisc | 111 | ry E | epertal    |
| 17        | Training and Certification program on NX / ProE   | ٧    | V    | X    | V-VI     | 12       | Training & Certification program CATIA / NX / ProE with GD & T   | ٧       | ٧   | ×    | III/IV     |
| 18        | Training and Certification program on analysis package of Arrays CFX  | ¥    | V    | X    | 14-4     | 18       | Training & Certification program on analysis Package of<br>Hypermesh   | V       | V   | X    | V/VS       |
| 19        | Training on Autotronics   | ٧    | V    | ×    | V-VI     | 19       | Training & Certification program on analysis Peckage of Analysi CFX  | V.      | V   | ×    | V/VII      |
| 20        | Training on Automotive Instrumentations   | V    | ٧    | X    | VI-VII   | 20       | Android / IOT Application Software for the<br>Mechanical Engineering Applications  | Ý       | V   | ×    | VI/V)      |
| 25        | Training on Technical Servicing / Marketing   | V    | V    | X    | VII-VIII | 21       | Training on technical Servicing / Marketing  | V       | V   | ×    | VII/VIII   |
| 22        | International Industrial Visit  | V.   | X    | X    | VII-VIII | 22       | International industrial Visit   | V       | ×   | ×    | vtm        |





I would like to thank the place many department for putting so much effort right from the topin may it would not have been possible without them. The training we got from the placement department was wonderful. Practice Hitesh Kuman sets of applicate lests, mock interviews has ME. Wipro Ltd helped many get placed.

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

| 100 | G-Global, P-Professional, E-Executive<br>Incurty Internted Academic Peaures  | G    | Œ    | 9 | G  |
|-----|--|------|------|---|----|
| 1   | HSA fram VTU   | V    |      | - | V  |
| 2   | ADMA Membership  | 7    |      | , | 7  |
| 3.  | Training in SPSS   | 3    |      | , | V  |
| 4   | Training in Advance Excel in Business  | -    | -    | , | V  |
| 6   | Workshop in Stock Market Operations  | V    |      | ŀ | ¥  |
| 6   | Certificate in Entrepreneurship Development  | Y    |      | , | Y  |
| 7   | Business Incubation Opportunity  | V    |      | , | 7  |
| 8   | Review workshop on Business and Finance News   | V    |      | , | 3  |
| 9   | Quantitatives for Managers (Industry Oriented)   | V    | -    | , | Y  |
| 20  | Life Skills for Managers (Industry Oriented)   | V    |      |   | Y  |
| 11  | Resume writing workshop (Industry Oriented)  | V    | -    | , | W. |
| 12  | Business English Communication   | V    |      | F | Y  |
| 13  | Training in Online Publication skills  | 7    | 2    |   |    |
| 34  | Competincy Mapping & Profiling Workshop  | -    |      |   | Y  |
| 15  | Interview Skills prep Workshop   | V    | N    |   | V  |
| 15  | Specialization Orientation Workshop & Certification  | Y    | 7    |   | Y  |
| 17  | Industry Sectorial Analysia Workshop   | Y    | y    |   | ٧. |
| 18  | Membership in HR, Finance & Merketing Clubs  | Y    | Y    |   | Y  |
| 19  | Membership to New Horizon Alumni Forum   | v    | V    |   | *  |
| 20  | Corporate Supported Projects   | ¥    | N    |   | ¥  |
| 21  | Training in Leadership Development   | V    | v    | , | ٧  |
| 22  | Training in Project Report Writing and Presentation Skills   | Y    | ·    | - | V  |
| 22  | Training in Case Writing and Analysis Techniques   | Y    |      |   | Y  |
| 24  | Guest Lectures from Industry experts   | V    | N    |   | V  |
| -25 |  | V    | ¥    | - | Y  |
| -   | Local Industrial Visits.  Nill Enhancement for Global (G) and Professional (P) Programs.   | V    | Y    |   | Y. |
| 1   |  |      |      |   |    |
| 1   | NSE's Certification in Financial Markets (Finance)<br>Certification in Digital Marketing (Marketing)   |      |      |   |    |
|     | Certification in Human Resource Practices (HR)   | Y    | ×    |   | ^  |
| 2   | Training in SAP  |      | 134  |   |    |
| 2   | Capstone Business Simulation from Capsim Inc. USA  | Y    | Y    | - | A. |
| 4   | International Industrial Visit   | Y    | Y    |   | X  |
| 4   | Delication of the Control of the Con | - W. | . 19 |   | 4  |

#### 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 Mendarin (Chinese) / Sponish 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, white 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 the 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
- Quartitative 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 Horizonile.

#### Naganand D.H Placed in Societe Generale



I am extremely gratiful 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



# **COURSES OFFERED**



- 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

A The same of the

New Horizon College of Eddings

Cotor Ismn Hono, Sellenthy Post

Bangalore 560 103



| SI No. | ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS   | G     | P   | SEM      |
|--------|---|-------|-----|----------|
| 1      | B.E. Degree (Visvesvaraya Technological University)   | V     | V   | I-VIII   |
| 2      | Indian society for Technical Education (ISTE) membership  | V     | V   | V-VI     |
| 3      | Society of Automotive Engineering (SAE) Membership  | 1     | V   | V-VI     |
| 4      | Industrial Visit  | 1     | V   | III-VIII |
| 5      | Guest Lectures by eminent experts   | V     | V   | III-VIII |
| 8      | Organising workshops on recent trends in Automobile<br>Engineering  | V     | ¥   | III-VIII |
| 7      | Technical Students Symposium / Conference   | V     | V   | III-VIII |
| 8      | Participation in National, International Seminars   | V     | V   | III-VIII |
| 9      | Resume writing workshop (Industry Oriented)   | V     | V   | VI       |
| 10     | Coaching and remedial classes   | V     | V   | I-VIII   |
| 11     | Enabling and encouraging students to prepare to participate in various in-house<br>Competitions                               | V     | 1   | 1-AIII   |
| 12     | Enabling and Encouraging students to prepare to participate in various<br>inter- collegiate and inter University Competitions | V     | V   | f-VIII   |
| 13     | Mentoring   | V     | V   | 1-VIII   |
| 14     | Mock viva-voce  | V     | V   | I-VIII   |
| 15     | Professional Counseling   | V     | V   | I-VIII   |
| 16     | Guidance for Education loans and bank formalities   | V     | V   | VI-VII   |
| 17     | Enabling and encouraging students to prepare to write NPTEL MOOC certification courses  | V     | V   | 1-VIII   |
| 18     | Student Club Activities   | V     | V   | 1-VIII   |
|        | Global and Professional Skill Incremental Program (By Industry Exp  | erts) |     | 1.4911   |
| 19     | Training and Certification program on CAD / CAM Software  | V     | ×   | III-iV   |
| 20     | Training and Certification program on analysis/ CFD package   | V     | ik. | Volt     |
| 21     | Training on Autotronics   | V     | ×   | -        |
| 22     | Training on Technical Servicing / Marketing   | · /   | ×   | A-AIII   |
| 23     | Training and Certification program on Robotics based Automation   | V     | ×   | VII-VIII |
| 24     | International Student Exchange program*   | 7     |     | VII      |
| M. T.  |   |       |     |          |

#### 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. will forever be grateful to NHCE and the placement department as you cannot put a price on a secure

# B.E. Civil course is offered in 2 different streams

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

\*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

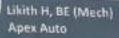
I would like to appreciate the placement cell at New horizon college of engineering for the efforts they made to providing a fair and ample amount of chances to us students. The faculty members worked so hard on our overall development and conducted boot-camps and extra classes for us to enhance our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

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

| 51<br>40. | AS | ADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED PER INDUSTRY EXPECTATIONS  | G      | P            |     | SEM      |
|-----------|----|---|--------|--------------|-----|----------|
| 1.        | B. | E Degree (Visvesvaraya Technological University)  | V      | 1            |     | 1-VIII1  |
| 2         | Ic | ndian Society for Technical Education (ISTE) membership   | V      | 1            | 1   | V-VI     |
| 3         | 3: | ndustrial visit   | V      | 1            | 1   | III-VIII |
| 5         | G  | icest lecture by eminent experts  | V      | -            | /   | III-VIII |
| 5         | C  | Organizing workshops on recent trends in Mechanical Engineering   | V      | -            | 1   | III-VIII |
| б         |    | echnical students symposium   | V      | 1            | 1   | III-VIII |
| 7         | 1  | Organizing Seminars on recent developments in Mechanical Engineering  | V      | -            | V   | TH-VIII  |
| 8         | 1  | Participation in National, International Seminars   | V      | -            | 7   | III-VIII |
| 9         | 1  | Resume writing workshop ( Industry Oriented)  | 1      | -            | V   | VII      |
| 10        | 1  | Coaching and remedial Classes   | 1      | 1111         | 7   | LVIII    |
| 11        | 1  | Enabling and encouraging students to prepare to participate in various in house competitions                                  | 1      | +            | V   | 1-VIII   |
| 12        |    | Enabling and encouraging students to prepare to participate in various inter-<br>collegiate and inter university competitions | 100    | 1            | V   | 1-VIII   |
| 1.3       | -  | Mentaring.  | +      | 1            | V   | I-VIII   |
|           | 4  | Mock viva - voce  | +      | V            | V   | I-VIII   |
| 1         | 5  | Professional counseling   | 1      | V            | 14  |          |
|           | 16 | Guidance for Education loans and bank formalities.  | 1      | V            | 1   | 1-1/111  |
|           | 17 | Enabling and encouraging students to prepare to write NPTEL MOOC contribute courses   | ion    | V            | 1   | 1.0      |
|           | 18 | Student Oub Activities  | -      | V            | 1   |          |
|           |    | Global and Professional Skill Incremental Program ( By Indus  | try Fy | and the same | - 1 | I-VII    |
|           | 19 | Training & Certification program CATIA / NX / ProE  |        | V            |     | 111.0    |
|           | 20 | Training & Certification program on analysis Package of Hypermesh/Ansys<br>Regular/Nastron or Patron/Ansys CFX                |        | V            | 1   | -        |
|           | 21 | C / C++ / Android Application Software for the Mechanical Engineering<br>Applications   |        | V            | 1   | VI-V     |
|           | 22 | Certification Program on Digital Marketing  |        | V            | 3   |          |
|           | 23 | Training and Certification program on<br>Robotics based Automation  |        | V            | 10  | - "      |
|           | 24 | International Student Exchange program*   |        | V            | 1   |          |
|           |    |   |        |              |     |          |

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

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



Lam very grateful to the management and faculty members of NHCE for their tireless effort to ensu 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.

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

| 51 No. | ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS  | G   | P  | SEM       |
|--------|--|-----|----|-----------|
| 1      | B.E. Degree (Visvenvaraya Technological University)  | V   | V  | I-VIII    |
| 2      | Institute of Electrical & Electronics Membership   | V.  | V  | V-V1      |
| 3      | Industrial Visit   | V   | V  | III-VIII  |
| 4      | Guest Lectures by eminent experts  | W.  | V  | III-VIII  |
| 5      | Organizing Workshops on recent trends in Electrical & Electronics Engineering  | V   | V  | III-VII   |
| 6      | Organizing Seminars on recent developments in Electrical & Electronics Engineering   | v   | ×. | III-VIII  |
| 7      | Resume Writing work shop (Industry Oriented)   | · V | V  | V-VI      |
| 8      | Technical students Symposium/Conference  | V   | V  | III-VIII  |
| 9      | Participation & presentation of papers in National & International Seminars /<br>Conference                                  | V   | V  | m-vm      |
| 10     | Coaching and remedial Classes  | 4   | V  | 1-VIII    |
| 11     | Enabling and encouraging students to prepare to participate in various in-house competitions                                 | V   | V  | 1-VIII    |
| 17     | Enabling and encouraging students to prepare to participate in various<br>inter-Collegiate and Inter-University competitions | V   | v  | I-VIII    |
| 13     | Mentoring  | V   | V  | 1-VIII    |
| 14     | Moek viva-voce   | V   | V  | I-VIII    |
| 15     | Professional Counseling  | ·V  | V  | I-VIII    |
| 16     | Guidance for Education loans and bank formalities  | V   | V. | I-VII     |
| 17     | Enabling and encouraging students to prepare to write NPTEL MOOC certification courses                                       | V   | V  | I-VII     |
| 18     | Student Club Activities  | W.  | W  | 1-VIII    |
|        | Training And Certification Program   |     |    |           |
| 19     | Electrical Autocad   | V   | Y  | IVATE     |
| 20     | PPM Concepts +PRIMAVARA  | V   | I  | TV-VII    |
| 21     | MSP+Orcad  | V   | ¥  | IV-VII    |
| 22     | Training and Certification Programme on Robotics based Automation  | 1   | X  | 101-15    |
| 23     | Certificate Course in Management & Leadership  | 1   | x  | VII./ VII |
| 24     | International Student Exchange program*  | V   | X  | VII       |
| 25     | International Educational tour**   | V   | X  | VII       |

\*International Student Exchange program is offered to Mentorious 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 th 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.



# B.E. - ISE 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)  | V      | V | I-VIII   |
| 2      | Indian Society for Technical Education (ISTE) Institute Membership                                      | V      | V | Ш        |
| 3      | Computer Society of India (CSI) Membership  | V      | V | IV       |
| 4      | IT Based Industrial tour  | V      | V | V        |
| 5      | Guest Lectures by eminent personalities   | V      | V | III-VIII |
| 6      | Organizing workshops  | V      | V | 111-7111 |
| 7      | Organizing seminars   | V      | V | 1-VIII   |
| 8      | Technical students Symposium / Conference   | V      | V | I-VIII   |
| 9      | Participation in National, International Seminar  | V      | V | 1-7111   |
| 10     | Coaching and remedial Classes   | V      | V | 1-VIII   |
| 11     | Enabling and encouraging students to prepare to perticipate in various in-house competitions            | ٧      | V | 1-VIII   |
| 12     | Enabling and encouraging students to participate in various inter collegiate & inter-Univ. competitions | ٧      | ٧ | I-VIII   |
| 13     | Mentoring   | V      | y | 1-VIII   |
| 14     | Mack Viva-Vace  | V      | y | VI-VIII  |
| 15     | Professional Counseling   | V      | 1 | I-VIII   |
| 15     | Exclusive CV writing workshop   | V      | V | V1-V11   |
| 17     | Guidance for Education loans and bank formalities   | V      | V | 1-VIII   |
| 18     | Enabling and encouraging students to prepare to write NPTEL MOOC: certification courses                 | ٧      | ٧ | 1-VIII   |
| 19     | Student Club Activities   | N.     | V | I-VIII   |
| 1      | Global and Professional Skill Incremental Program (By Industry Ex                                       | perts) |   |          |
| 20     | Python Programme  | ·V     | × | III/IV   |
| 21     | Software Testing & Automation   | v      | X | ٧        |
| 22     | R Programming for Big Data  | V      | × | VI       |
| 23     | Training on Cloud computing   | V      | × | VII      |
| 24     | Training on Project Management  | V      | × | VIII     |
| 25     | International Student Exchange program*   | V      | Ж | VII      |
| 26     | International Educational tour**  | V      | ж | 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.



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

|        | G-Global, F-Froressional  |        |   |         |
|--------|---|--------|---|---------|
| 51 No. | ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS PER INDUSTRY EXPECTATIONS                   | G      | P | SEM     |
| 1      | B.E. Degree (Visvesvaraya Technological University)   | V      | V | 1-VIII  |
| 2      | Indian Society for Technical Education (ISTE) Membership  | V      | V | III     |
| 3      | Industrial Visit  | V      | × | III-VII |
| 4      | Guest Lectures by eminent experts   | V      | V | 1-VIII  |
| 5      | Organizing Workshops on recent trends in Electronics & Communications                                   | V      | V | III-VII |
| 6      | Organizing Seminars on recent developments in Electronics & Communications                              | V      | V | III-VII |
| 7      | Technical Students Symposium / Conference   | V      | V | III-VII |
| 8      | Exclusive CV writing workshop   | V      | V | VI      |
| g      | Participation & presentation of papers in National & International Seminars /<br>Conferences            | ٧      | ¥ | I-VIII  |
| 10     | Coaching and remedial Classes   | V      | 1 | 1-1/11  |
| 11     | Enabling and encouraging students to prepare to participate in various in-house competitions            | V      | V | [-]]    |
| 12     | Enabling and encouraging students to participate in various inter-collegiate & inter-Univ. competitions | ٧      | V | 1-VII   |
| 13     | Mentoring   | V      | V | I-VII   |
| 14     | Mock Viva-Vace  | V      | V | I-VII   |
| 15     | Professional counseling   | V      | V | 1-VII   |
| 16     | Guidance for Education loans and bank formatities   | V      | V | VII-VI  |
| 17     | Enabling and encouraging students to prepare to write NPTEL MOOC certification courses                  | 4      | 4 | I-VII   |
| 18     | Student Club Activities   | ¥      | V | I-VII   |
|        | Global and Professional Skill Incremental Program (By Industry Ex                                       | perts) |   |         |
| 19     | Electronic Device based Internet of Things (IOT)  | .V     | K | IV-V    |
| 20     | Multimedia-Machine Vision / Computer Vision   | V      | X | TV-V    |
| 21     | Training & Certificate on Programme on Robotics based Automation  | V      | X | TV-V    |
| 22     | International Student Exchange program*   | 1      | X | VII     |
| 23     | International Educational tour**  | 1      | × | VII     |

\*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.

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)   | 4     | V  | 1-VII   |
| 2      | Computer Society of Inclia. (CSI) Membership   | V     | V  | V-V1    |
| 3      | Indian Society for Technical Education Membership  | 1     | V  | V-VI    |
| 4      | Industrial Visit   | 7     | V  | III-VI  |
| 5      | Guest Lectures by eminent experts  | V     | V  | III-VI  |
| 5      | Organizing workshaps on recent trends in Computer Engineering  | V     | V  | III-VI  |
| 7      | Organizing Seminars on recent developments in Computer Engineering   | V     | V  | III-VI  |
| 8      | Technical Students Symposium / Conference  | V     | V  | III-VI  |
| 9      | Participation & presentation of papers in National & International Seminars / Conference   | V     | V  | III-VII |
| 10     | Resume writing workshop (Industry Oriented)  | V     | V  | VI      |
| 11     | Coaching and remedial Classes  | V     | V  | I-VIII  |
| 12     | Enabling and encouraging students to prepare to participate in various in-house competitions   | ¥     | V  | I-VII   |
| 13     | Enabling and encouraging students to prepare to participate in various inter-<br>Collegiate and Inter University competitions  | V     | v  | I-VIII  |
| 14     | Mentoring  | v     | V  | I-VIII  |
| 15     | Mock viva-voce   | v     | V  |         |
| 16     | Professional Counseling  | V     |    | I-VIII  |
| 17     | Guidance for Education loans and bank formalities  |       | Ψ. | I-VIII  |
| 18     | Enabling and encouraging students to prepare to write NPTEL MOOC certification courses   | V     | v. | I-VIII  |
| 19     | Student Club Activities  |       | Υ. | I-VIII  |
|        | ALCOHOL STATE OF THE STATE OF T | V     | V. | [-VIII  |
| 20     | Global and Professional Skill Incremental Program (By Industry Exp   | erts) |    |         |
| 20     | Training and Certification program in Programming in Big Data in R.  | V     | ×  | V-VI    |
| 21     | Training and Certification program in Machine Learning in Python   | V     | ×  | IV-V    |
| 22     | Training in Software Testing   | V     | K: | VII     |
|        | Training on Cloud Computing  | V     | ×  | VII     |
| 24     | International Student Exchange program*  | V     |    | VII     |
| 25     | International Educational tour*  | V     | 2  | 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

fring

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



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 50; 51/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<br>PER INDUSTRY EXPECTATIONS                                    | G   | P  | SEM    |
|-------|---|-----|----|--------|
| 1     | MCA Degree (Visvesvaraya Technological University)  | V   | ٧  | I-VI   |
| 2     | Computer Society of India (CSI) Membership  | .V. | V  | 12     |
| 3     | Industrial Visit  | V   | V. | III-VI |
| 4     | Guest Lectures by Eminent experts   | V   | √. | I-VI   |
| 5     | Organizing Workshops  | V   | ¥  | III-VI |
| 6     | Technical Students Symposium/Conference   | V   | V  | II-VI  |
| 7     | Oub activities  | V   | 1  | I-VI   |
| 8     | Participation in National, International Technical Events   | V   | V  | I-VI   |
| 9     | Bridge Course   | V   | V  | 1      |
| 10    | Collaborating with faculty in Research  | V   | V  | II-VI  |
| II    | Coaching and Remedial classes   | V   | V  | IVI    |
| 12    | Enabling and Encouraging students to prepare to participate in various in-house competitions                                | V   | V  | 1-V1   |
| 13    | Enabling and Encouraging students to prepare to participate<br>in various Inter Collegate and inter-University competitions | V   | V  | 1-1/1  |
| 14    | Mentoring   | V.  | -V | I-VI   |
| 15    | Resume writing workshop(Industry Oriented)  | V   | V  | ΙV     |
| 16    | Mock Viva-Voce  | V   | V  | 11-11  |
| 17    | Professional students Counseling  | V   | V  | I-VI   |
| 18    | Enabling and encouraging students to prepare to write NPTEL MOCC certification courses                                      | V   | V  | I-VI   |
| 19    | Student Club Activities   | V   | V  | 1-VT   |
|       | Professional Skill Incremental Program (By Industry Experts)  |     |    |        |
| 20    | Training and Certification on Core Java   | 4   | Х  | III    |
| 21.   | Training and Certification on Python  | · V | ж  | IV     |
| 22    | Training on Android Application Development   | 4   | ж  | īv     |
| 23    | Training on Data Science and Analytics  | V   | X  | V      |
| 24    | International Educational tour*   | V   | Х  | V      |

Note:

\*Credit transfer will be available for MS Programs

\*\*International Educational tour is offered to global students at extra appearance.

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".

Uneering Pust,

# MBA course is offered in 3 different streams G-Global, P-Professional F-F-

| SI.<br>No | ACADEMIC FEATURES - EMPLOYMENT CENTRIC SYLLABUS DESIGNED AS<br>PER INDUSTRY EXPECTATIONS | G   | P  | E  | SEM    |
|-----------|--|-----|----|----|--------|
| 1         | MBA from VTU   | V   | V. | v  | I-IV   |
| 2         | Training in SPSS   | V   | V  | V  | п      |
| 3         | Training in Advance Excel in Business  | V   | ¥  | V. | - 11   |
| 4         | Out bound Experiential Learning Program  | V   | V. | V  | 1-11   |
| 5         | Workshop on Stock Market Operations  | V   | V. | 95 | п      |
| 5         | Certificate in Entrepreneurship Development  | V   | V  | V  | H-III  |
| 2         | Business Incubation Support  | V   | V  | W. | 1-IV   |
| 8         | Workshop on Business & Finance News Analysis (Business Newspaper Subscription )          | V   | V  | V  | I-IV   |
| 0         | Training in online publications skills   | V   | V  | √. | I-IV   |
| 10        | Competency Mapping & Profiling workshop  | √.  | V  | V  | 11-111 |
| 11        | Specialization Orientation Workshop & Certification                                      | V   | V  | V. | п      |
| 12        | Industry Sectoral Analysis workshop  | V.  | V  | V  | 11     |
| 13        | Corporate Support Projects   | V   | V  | V. | III-IV |
| 14        | Project Report Writing   | V   | V  | -  | TV     |
| 15        | Presentation skills Enhancement  | V   | V  | V  | II-IV  |
| 16        | Case Writing & Case Analysis   | 2   | V  | V  | iv     |
| 17        | Industry expert guest lectures   | 7   | V  | V  | п      |
| 18        | Industrial Visits  | V   | V  | V  | I-IV   |
| 19        | Membership in Department Clubs   | V   | V  | V  | 11     |
| 20        | Membership in New Horizon Alumni Forum   | V   | V  | V  | III    |
| 21        | Membership from All India Management Association.  | V.  | V  | V  | III    |
| -         | Skill Enhancement for Global (G) and Professional (P) Progra                             | ams |    |    | - 111  |
| 22        | Training in Business Analytics (Analytics)   | ٧.  | V  | X  | III-IV |
|           | Training in Supply Chain Management (Operations)   |     |    |    |        |
|           | Training in Digital Marketing (Marketing)  |     |    |    |        |
|           | Training in Human Resource Practices (HR)  |     |    |    |        |
|           | Training in Financial planning and Analysis (Finance)                                    |     |    |    |        |
| 23        | IIM8x Certification from IIM, Bangalore  | V   | V  | ×  | 111    |
| 24        | Capstone Business Simulation   | V   | V  | X. | III-IV |
|           | International Educational tour*  | V.  | ×  | X. | III-IV |



which are very much helpful for every student for deciding their future field.

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

Sheekha Suman, Finance

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

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