

1.2.2 Number of Add on /Certificate programs offered during the last five years (10)

1.2.3 Average percentage of students enrolled in Add-on/Certificate programs as against the total number of students during the last five years (10)

Year-1 2019-20						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Visualisation of a framed structure using VR applications	CEVFSVA	2019-20	1	35 Hrs	9	9
Finite Element Analysis of RCC structures	CEFEARS	2019-20	1	35 Hrs	12	12
3DS MAX - A evolutionary program in sketching the building	CEEPSB	2019-20	1	35 Hrs	20	20
Ethical Hacking & Cyber Security	CSEHACK-20	2019-20	1	37 Hrs	51	48
Data Science With Hadoop	CSDS&HADOOP-19	2019-20	1	42 Hrs	35	27
Block Chain In IoT	CSBCH&IOT-19	2019-20	1	42 Hrs	26	25
PLC Designing and Automation	EEPDA	2019-20	1	35 Hrs	37	35
Solar Photovoltaic And Its Applications	EESPV	2019-20	1	35 Hrs	28	28
PV System Design And Cost Estimation	EEPVC	2019-20	1	35 Hrs	37	36
Machine Learning	ECML20	2019-20	1	35 Hrs	46	44
IoT With Arduino Programming	ECIOT20	2019-20	1	42 Hrs	52	49
AI Using Raspberry Pi	ECAI19	2019-20	1	42 Hrs	54	50
Course On Auto Cad For Mechanical Engineers	MEAME19	2019-20	1	48 Hrs	19	15
Course On 3D - Modelling For Mechanical Engineers	MEMME19	2019-20	1	48 Hrs	25	23
Course On Simulation And Analysis For Mechanical Engineers	MESAM19	2019-20	1	48 Hrs	39	35
Application of Engineering Mathematics	JNNAEM19	2019-20	1	48 Hrs	55	55
International Trade Procedure and Documentation	MS201	2019-20	1	35 Hrs	25	24
Performance Management System and Competency Mapping	MS192	2019-20	1	35 Hrs	30	30
C Programming And Assembly Language	NPTEL	2019-20	1	4 weeks	1	1
Year 2 2018-19						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered	Duration of course	Number of students	Number of Students
GPS operation for Engineers and Technical Professionals	CEGOETP	2018-19	1	35 Hrs	12	12
Automation in Structural Design and Analysis Using MATLAB	CEASDAM	2018-19	1	35 Hrs	20	20
Building Information Modelling	CEBIM	2018-19	1	35 Hrs	32	32
Basics of Robotics	CSBR-19	2018-19	1	42 Hrs	34	32
IoT With Arudino Programming	CSIOT-19	2018-19	1	42 Hrs	22	21
Deep Learning with Tensorflow	CSDEEPL-18	2018-19	1	42 Hrs	35	34
3D Machine Design On CAD	EECAD	2018-19	1	35 Hrs	37	35
SCADA Programming	EESCD	2018-19	1	35 Hrs	28	26
Industrial Automation On Robotics	EIAR	2018-19	1	35 Hrs	12	12
IoT Based On Sensor Guided Robotics	ECSGR19	2018-19	1	35 Hrs	52	50
Advance Digital Signal Processing	ECPIC19	2018-19	1	35 Hrs	54	53
Digital Signal Processing Using Pvthon	ECDSPP18	2018-19	1	42 Hrs	34	32
Course On 2-D Machine Drawing	ME2DMD 18	2018-19	1	48 Hrs	29	26
Course On Product Design And 3D Printing	MEPD3DP 18	2018-19	1	40 Hrs	41	36
Course On Hyper Mesh	MEHM 18	2018-19	1	44 Hrs	35	32
Non Destructive Testing	JNNNDT18	2018-19	1	40 Hrs	52	52
Channel Management in Marketing	MS191	2018-19	1	35 Hrs	30	30
Managing E Commerce in Business	MS182	2018-19	1	35 Hrs	20	20
Evolution of Air Interface Towards 5G	NPTEL	2018-19	1	8 weeks	1	1
Cloud Computing	NPTEL	2018-19	1	8 weeks	3	3
Year 3 2017-18						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered	Duration of course	Number of students	Number of Students
Essentials of Planning and Drawing of structures for Beginners	CEEPDSB	2017-18	1	35 Hrs	20	20
Autodesk Revit Architecture	CEARA	2017-18	1	35 Hrs	35	32
Fundamentals of ANSYS	CEFOA	2017-18	1	35 Hrs	34	34
Computer Vision In Artificial Intelligence	CSCVS-18	2017-18	1	36 Hrs	26	26
Web and Machine Learning	CSWEB&ML-17	2017-18	1	42 Hrs	30	30
Data Analytics with R	CSDAR-17	2017-18	1	37 Hrs	27	24
Arduino & Robotics	EEARO	2017-18	1	35 Hrs	28	25
Ladder Program for Domestic Application	EELDA	2017-18	1	35 Hrs	12	12
Circuit Board Design And Manufacturing	EECDM	2017-18	1	35 Hrs	17	17
C# , Asp Dot Net	ECCSII8	2017-18	1	35 Hrs	55	51
Network and System Security	ECNSS17	2017-18	1	42 Hrs	34	34
Mobile Application Development	CSMAD17	2017-18	1	35 Hrs	28	27
Course On Drafting And Modelling By Auto Cad	MEDMA 17	2017-18	1	38 Hrs	44	42
Course On I.C Engines	MEICE 17	2017-18	1	36 Hrs	54	52
Course On NDT	MENDT 17	2017-18	1	40 Hrs	44	40
Basics of Spectrometers	JNNBOS17	2017-18	1	48 Hrs	56	56
Risk Management in Secondary Market	MS181	2017-18	1	35 Hrs	20	20
Fundamentals of Search Engine Optimization	MS172	2017-18	1	35 Hrs	26	26
Year 4 2016-17						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered	Duration of course	Number of students	Number of Students
Drafting of Structures	CEDOS	2016-17	1	35 Hrs	35	33
Effective Analysis of Multistorey Building	CEEAMB	2016-17	1	35 Hrs	34	34
Role of Computer Graphics Program in Civil Engineering	CERCGPCE	2016-17	1	35 Hrs	45	45
Oracle Programming with PL/SQL	CSORACLE-17	2016-17	1	37 Hrs	35	34
Hardware Training & Networking	CSHT&NET-16	2016-17	1	35 Hrs	24	23
Testing Automation with Selenium	CSSELENIUM-16	2016-17	1	42 Hrs	32	32
Industrial Embedded Controlling Strategy	EIEIC	2016-17	1	35 Hrs	12	12
Matlab Simulation and Applications	EEMAT	2016-17	1	35 Hrs	17	16
Circuit Design and Fabrication	EECDF	2016-17	1	35 Hrs	35	33
Java Programming with Data Connectivity	ECJPD17	2016-17	1	35 Hrs	41	39
Advanced Java Programming	CSADJ17	2016-17	1	35 Hrs	31	30
Introduction to Cloud Computing and Applications	ECCCA16	2016-17	1	42 Hrs	54	51
Course On 2D - Drafting	ME2DD 16	2016-17	1	42 Hrs	54	50
Course On Solid Works	MESW 16	2016-17	1	35 Hrs	50	46
Course On Additive Manufacturing	MEAM 16	2016-17	1	38 Hrs	60	52
Pattern Recognition and Image Processing	ITPRI	2016-17	1	35 Hrs	10	10
Materials for Engineers	JNNMFE16	2016-17	1	40 Hrs	55	55
Product Development strategies and Process	MS171	2016-17	1	35 Hrs	25	25
Secure Electronic Payment System for e-Business	MS162	2016-17	1	35 Hrs	11	11
Year 5 2015-16						
Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered	Duration of course	Number of students	Number of Students
Computer-Application for Civil Engineers Using Autocadd	CECACE	2015-16	1	35 Hrs	34	34
Introduction to STAAD PRO	CEISP	2015-16	1	35 Hrs	45	45
Android APP Development	CSAPPDEV-16	2015-16	1	37 Hrs	26	24
Adobe Photosuit	CSAPSUIT-15	2015-16	1	37 Hrs	31	31
Software Quality Tester	CSSQT-15	2015-16	1	37 Hrs	51	51
AutoCAD Electrical	EEUDE	2015-16	1	35 Hrs	17	15
Condition Monitoring of Machine using Labview	EECML	2015-16	1	35 Hrs	35	32
PCB Design And Fabrication	EEPCB	2015-16	1	35 Hrs	48	43
PLC Programming for Engineers	ECPLCE16	2015-16	1	35 Hrs	28	26
Web Development	CSWD16	2015-16	1	35 Hrs	56	53
Embedded Programming For PIC Microcontroller	ECPIC15	2015-16	1	35 Hrs	56	54
Course On Autodesk Fusion 360	MEF15	2015-16	1	40 Hrs	41	36
Course On Engineering Metrology	MEEM 15	2015-16	1	42 Hrs	50	48
Course On Processing And Characterization Of Composite Materials	MEPCCM 15	2015-16	1	45 Hrs	44	42
IoT and Data Analytics	IT&TDA	2015-16	1	35 Hrs	27	27
Language Buildup for Beginners	JNNLBB15	2015-16	1	40 Hrs	56	56
Cyber Crime And IT Law In Banking	MS161	2015-16	1	35 Hrs	11	10
Taxation and Financial Decision Making	MS152	2015-16	1	35 Hrs	15	15