



POORNIMA

COLLEGE OF ENGINEERING

Approved by AICTE
Affiliated to Rajasthan Technical University, Kota
Recognized by UGC under Section 2(f) of the UGC Act, 1956

*1.2.1 Number of Add on/ Certificate/
value added programs offered during the
last five years
(List of add on courses of last five year
as filled in DVV)*

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Poornima College of Engineering, Jaipur
List of Add on /Certificate programs offered during the last five years

2017-18							
Sr. No.	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
1	Application Development And Deployment For Cloud Using IBM Bluemix	AOC-CP-IBM-BLU	2017-18	Once	30 Hours	466	135
2	Learning Business Intelligence Using IBM Cognos	AOC-CP-IBM-COG	2017-18	Once	30 Hours	364	80
3	IoT Application Development And Deployment Using IBM Bluemix	AOC-CP-IBM-IOT	2017-18	Once	30 Hours	343	154
4	SpokenTutorial-PHP & MYSQL	AOC-CP-SPT-PHP	2017-18	Once	3 Months	51	50
5	SpokenTutorial- CPP	AOC-CP-SPT-CPP	2017-18	Once	3 Months	45	42
6	QEEE Course - Memory and IO - Advanced Computer Architecture	AOC-DEP-EE-QEEE	2017-18	Once	35 Hours	65	46
7	QEEECourse - Storage Management- Operating Systems	AOC-DEP-IT-QEEE1	2017-18	Once	35 Hours	53	36
8	QEEECourse- Object Oriented Concepts- Classes and Data Abstraction-Operator Overloading-Inheritance	AOC-DEP-IT-QEEE2	2017-18	Once	35 Hours	52	32
9	QEEE Course Linear Data Structures and Applications - Data Structures and Algorithms	AOC-DEP-IT-QEEE3	2017-18	Once	35 Hours	52	44
10	Advance JAVA	AOC-DEP-CSE-ADJ	2017-18	Once	36 Hours	61	60
11	Python Programming	AOC-DEP-CSE-PPG	2017-18	Once	36 Hours	60	58
12	Mobile Application Development	AOC-DEP-CSE-MAD	2017-18	Once	36 Hours	60	56
13	Cisco certified network administrator	AOC-DEP-CSE-CNA	2017-18	Once	36 Hours	66	64
14	Programming in Hadoop	AOC-DEP-CSE-HDP	2017-18	Once	36 Hours	66	62
15	Data Science with Python	AOC-DEP-CSE-DSP	2017-18	Once	36 Hours	60	59
16	Etching & Designing	AOC-DEP-ECE-ETC	2017-18	Once	30 Hours	42	38


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17	NI Multisim Basics: Schematic Capture and Simulation	AOC-DEP-ECE-SIM	2017-18	Once	30 Hours	44	38
18	Introduction of Technical Writing Skills	AOC-DEP-ECE-TWS	2017-18	Once	30 Hours	46	39
19	Basics of Programming Languages	AOC-DEP-ECE-BPL	2017-18	Once	30 Hours	43	37
20	Revit Architecture	AOC-DEP-CIV-REV	2017-18	Once	31 Hours	65	55
21	AutoCAD	AOC-DEP-CIV-CAD	2017-18	Once	32 Hours	71	64
22	STADD PRO	AOC-DEP-CIV-SPRO	2017-18	Once	45 Hours	71	67
23	Understanding of Basic Electrical system	AOC-DEP-EE-BES	2017-18	Once	35 Hours	80	50
24	Smart Grid: Integration, Energy Storage and System Operations	AOC-DEP-EE-SGS	2017-18	Once	35 Hours	100	50
25	Overview of Photovoltaic Systems	AOC-DEP-EE-PVS	2017-18	Once	35 Hours	180	100
26	Introduction to PV System and its applications in Power Engineering	AOC-DEP-EE-PVA	2017-18	Once	35 Hours	50	30
27	Web Development	AOC-DEP-IT-WEB	2017-18	Once	30 Hours	49	45
28	Automation Testing using Selenium	AOC-DEP-IT-SEL	2017-18	Once	30 Hours	49	49
29	ANSYS	AOC-DEP-ME-SYS	2017-18	Once	32 hrs	189	151
30	Project Based Learning	AOC-DEP-FY-PBL	2017-18	Once	32 Hours	560	560
31	Logical Reasoning and Technical Skill Development	AOC-DEP-FY-LRTS	2017-18	Once	60 Hours	560	560
32	Advanced C Programming	AOC-DEP-FY-ACP	2017-18	Once	30 Hours	80	76

2018-19							
Sr. No.	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
1	Application Development And Deployment For Cloud Using IBM Bluemix	AOC-CP-IBM-BLU	2018-19	Once	30 Hours	314	168
2	Learning Business Intelligence Using IBM Cognos	AOC-CP-IBM-COG	2018-19	Once	30 Hours	342	125
3	IoT Application Development And Deployment Using IBM Bluemix	AOC-CP-IBM-IOT	2018-19	Once	30 Hours	385	155
4	Spoken Tutorial- CPP	AOC-CP-SPT-CPP	2018-19	Once	3 Months	28	27
5	Spoken Tutorial- PYTHON	AOC-CP-SPT-PYTH	2018-19	Once	3 Months	119	109
6	Spoken Tutorial- JAVA	AOC-CP-SPT-JAVA	2018-19	Once	3 Months	40	37
7	Spoken Tutorial- QCAD	AOC-CP-SPT-QCAD	2018-19	Once	3 Months	178	154
8	Web Developement	AOC-DEP-CSE-WebD	2018-19	Once	36 Hours	62	57
9	Dot net Framework	AOC-DEP-CSE-DotNet	2018-19	Once	36 Hours	60	55
10	Programming in Java Script	AOC-DEP-CSE-PJS	2018-19	Once	36 Hours	58	54
11	Blockchain Technology	AOC-DEP-CSE-BCT	2018-19	Once	36 Hours	62	56
12	Cisco certified network aadministrator	AOC-DEP-CSE-CCNA	2018-19	Once	36 Hours	62	60
13	Programming in Hadoop	AOC-DEP-CSE-HDP	2018-19	Once	36 Hours	62	57
14	Data Science with Python	AOC-DEP-CSE-DSP	2018-19	Once	36 Hours	65	64
15	VLSI Design using Cadence Tools	AOC-DEP-ECE-VLSI	2018-19	Once	30 Hours	32	27
16	Introduction to Programming with MATLAB	AOC-DEP-ECE-MATL	2018-19	Once	30 Hours	31	28
17	Technical Writing with Latex and Zotero	AOC-DEP-ECE-LATEX	2018-19	Once	30 Hours	42	40

18	Circuit Maker Simulation	AOC-DEP-EC-CMS	2018-19	Once	30 Hours	42	36
19	Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System	AOC-DEP-CIV-RSGIS	2018-19	Once	30 Hours	65	55
20	Practical Knowledge On Sewage Treatment Plant	AOC-DEP-CIV-PKSTP	2018-19	Once	45 Hours	71	60
21	Fundamental of Electrical Engineering and Energy studies.	AOC-DEP-EE-FEEES	2018-19	Once	35 Hours	185	70
22	Introduction to ETAP for Electrical Engineering	AOC-DEP-EE-ETAP	2018-19	Once	35 Hours	120	70
23	Introduction to Electric Vehicle and Future Prospects	AOC-DEP-EE-EVFP	2018-19	Once	35 Hours	80	60
24	Fundamentals of Autocad and its applications	AOC-DEP-EE-FAA	2018-19	Once	35 Hours	50	40
25	Introduction to State Space Modelling of Complex Engineering Problems in MATLAB	AOC-DEP-EE-SSM	2018-19	Once	35 Hours	75	45
26	Web Design and Development	AOC-DEP-IT-WEB	2018-19	Once	30 Hours	39	39
27	Introduction to Python Programming	AOC-DEP-IT-PYP	2018-19	Once	35 Hours	50	50
28	Solid Works	AOC-DEP-ME-SWS	2018-19	Once	32 Hours	101	72
29	CATIA	AOC-DEP-ME-CTA	2018-19	Once	32 Hours	129	84
30	ANSYS	AOC-DEP-ME-SYS	2018-19	Once	32 Hours	129	82
31	Project Based Learnings	AOC-DEP-FY-PBL	2018-19	Once	32 Hours	497	497
32	Program on Logical Reasoning and Technical Skill Development	AOC-DEP-FY-LRTS	2018-19	Once	60 Hours	497	497
33	Skill Development Program in Project Oriented Training	AOC-DEP-FY-SDPP	2018-19	Once	30 Hours	199	197
34	Skill Development Program in Advanced C	AOC-DEP-FY-ACP	2018-19	Once	30 Hours	68	66
35	Skill Development Program in Machine Learning-Deep learning	AOC-DEP-FY-SDPML	2018-19	Once	30 Hours	120	117
36	Skill Development Program in Web Development using JAVASCRIPT and REACTJS	AOC-DEP-FY-SDPWD	2018-19	Once	30 Hours	110	107

2019-20

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1	Application Development And Deployment For Cloud Using IBM Bluemix	AOC-CP-IBM-BLU	2019-20	Once	30 Hours	314	


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2	Learning Business Intelligence Using IBM Cognos	AOC-CP-IBM-COG	2019-20	Once	30 Hours	376	125
3	IoT Application Development And Deployment Using IBM Bluemix	AOC-CP-IBM-IOT	2019-20	Once	30 Hours	456	152
4	Spoken Tutorial- CPP	AOC-CP-SPT-CPP	2019-20	Once	30 Hours	21	21
5	Spoken Tutorial- PYTHON 3.4.3	AOC-CP-SPT-PYTH	2019-20	Once	30 Hours	28	26
6	Web Developement	AOC-DEP-CSE-WebD	2019-20	Once	36 Hours	72	69
7	Dot net Framework	AOC-DEP-CSE-DotNet	2019-20	Once	36 Hours	61	53
8	Programming in Java Script	AOC-DEP-CSE-PJS	2019-20	Once	36 Hours	61	56
9	Blockchain Technology	AOC-DEP-CSE-BCT	2019-20	Once	36 Hours	58	56
10	Cisco certified network aadministrator	AOC-DEP-CSE-CCNA	2019-20	Once	36 Hours	62	62
11	Web Development with Django	AOC-DEP-CSE-WDDJ	2019-20	Once	36 Hours	60	53
12	Programming in Hadoop	AOC-DEP-CSE-HDP	2019-20	Once	36 Hours	60	57
13	Data Science with Python	AOC-DEP-CSE-DSP	2019-20	Once	36 Hours	62	62
14	Foundation to Robotics	AOC-DEP-EC-ROBO	2019-20	Once	30 Hours	76	67
15	Hardware Integration with LabVIEW	AOC-DEP-EC-LABV	2019-20	Once	30 Hours	31	26
16	The Tool for Zotero Integration	AOC-DEP-EC- LATZ	2019-20	Once	30 Hours	44	39
17	Keil Embedded Development Tools SIMULATE, AND LAYOUT	AOC-DEP-EC- KEIL	2019-20	Once	30 Hours	34	31

18	Introduction to Programming with MATLAB	AOC-DEP-EC- MATL	2019-20	Once	30 Hours	32	
19	PCB Designing	AOC-DEP-EC- PCBD	2019-20	Once	30 Hours	48	42
20	Revit Architecture	AOC-DEP-CIV-REV	2019-20	Once	30 Hours	43	33
21	Automatic Computer Aided Designing / Drafting	AOC-DEP-CIV-CAD	2019-20	Once	30 Hours	66	54
22	STADD PRO	AOC-DEP-CIV-SPRO	2019-20	Once	45 Hours	65	51
23	Applications of Arduino devices in Electrical Engineering	AOC-DEP-EE-AAD	2019-20	Once	35 Hours	70	60
24	Introduction to Internet of Things (IOT) in Electrical Engineering	AOC-DEP-EE-IOT	2019-20	Once	35 Hours	100	70
25	Introduction to MATLAB and its application in Electrical Engineering	AOC-DEP-EE-MATL	2019-20	Once	35 Hours	120	80
26	Overview of Photovoltaic Systems	AOC-DEP-EE-PHVS	2019-20	Once	35Hours	140	80
27	Fundamentals of Autocad and its applications	AOC-DEP-EE-CAD	2019-20	Once	35 Hours	50	40
28	Automation Testing using Selenium	AOC-DEP-IT-ATS	2019-20	Once	30 Hours	49	49
29	Web Development using AngularJS	AOC-DEP-IT-WEBD	2019-20	Once	30 Hours	50	43
30	CATIA	AOC-DEP-ME-CTA	2019-20	Once	32 Hours	100	72
31	Project Based Learnings	AOC-DEP-FY-PBL	2019-20	Once	32 Hours	520	520
32	Program on Logical Reasoning and Technical Skill Development	AOC-DEP-FY-LRTS	2019-20	Once	60 Hours	520	520
33	Skill Development Program in Project Oriented Training	AOC-DEP-FY-SDPP	2019-20	Once	30 Hours	170	169
34	Skill Development Program in Advanced C	AOC-DEP-FY-ACP	2019-20	Once	30 Hours	75	74
35	Skill Development Program in Machine Learning-Deep learning	AOC-DEP-FY-SDPML	2019-20	Once	30 Hours	140	135
36	Skill Development Program in Web Development using JAVASCRIPT and REACTJS	AOC-DEP-FY-SDPWD	2019-20	Once	30 Hours	135	133

2020-21

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1	Microsoft Azure Academia Program:Python Programming	AOC-DEP-CSE-AZPY	2020-21	Once	36 Hours	76	


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2	Microsoft Azure Academia Program: Azure AI Fundamentals	AOC-DEP-CSE-AZAI	2020-21	Once	36 Hours	74	71
3	Microsoft Azure Academia Program: Microsoft Azure Data Fundamentals	AOC-DEP-CSE-AZDF	2020-21	Once	36 Hours	66	59
4	Microsoft Azure Academia Program: POWER BI "DATA ANALYTICS	AOC-DEP-CSE-AZBI	2020-21	Once	36 Hours	69	65
5	Microsoft Azure Academia Program: Big Data	AOC-DEP-CSE-AZBD	2020-21	Once	36 Hours	60	51
6	Microsoft Azure Academia Program: Cloud Infrastructure and Security	AOC-DEP-CSE-AZCI	2020-21	Once	36 Hours	60	53
7	Programming in Hadoop	AOC-DEP-CSE-AZHD	2020-21	Once	36 Hours	59	52
8	Data Science with Python	AOC-DEP-CSE-DSPY	2020-21	Once	36 Hours	59	53
9	Selenium Testing	AOC-DEP-CSE-SETS	2020-21	Once	36 Hours	59	55
10	Art of Technical Writing & Publishing Research Papers	AOC-DEP-ECE-TWP	2020-21	Once	30 Hours	31	29
11	Pspice: A modeling Tool	AOC-DEP-ECE-PSP	2020-21	Once	30 Hours	42	36
12	VLSI Circuit Design using Xilinx & Mentor Graphics Tools	AOC-DEP-ECE-VLSI	2020-21	Once	30 Hours	44	40
13	LABVIEW & its Hardware Application	AOC-DEP-ECE-LABV	2020-21	Once	30 Hours	38	34
14	Simulation using PROTEUS Software	AOC-DEP-ECE-PCBD	2020-21	Once	30 Hours	40	35
15	Application of MATLAB in Engineering	AOC-DEP-ECE-MATL	2020-21	Once	30 Hours	40	36
16	Advance Building Construction and Drawing	AOC-DEP-CIV-ABCD	2020-21	Once	32 Hours	66	54
17	Analysis & Design of Tall Building	AOC-DEP-CIV-ADTB	2020-21	Once	30 Hours	22	18
18	Building Information Modelling	AOC-DEP-CIV-BIM	2020-21	Once	30 Hours	21	16
19	Residential House Planning as per NBC	AOC-DEP-CIV-RHPN	2020-21	Once	30 Hours	30	25
20	Sketch Up 3D Modeling	AOC-DEP-CIV-TDM	2020-21	Once	30 Hours	35	27
21	Understanding of Electrical Machines	AOC-DEP-EE-EM	2020-21	Once	35Hours	120	80
22	Introduction to Internet of Things (IOT) in Electrical Engineering	AOC-DEP-EE-IOT	2020-21	Once	35 Hours	100	50

23	Applications of Arduino devices in Electrical Engineering	AOC-DEP-EE-ARD	2020-21	Once	35 Hours	50	20
24	Introduction to Raspberry PI and its applications	AOC-DEP-EE-RSPI	2020-21	Once	35 Hours	80	60
25	Introduction to PV Syst and its applications in Power Engineering	AOC-DEP-EE-PVS	2020-21	Once	35 Hours	70	40
26	Web Design and Development	AOC-DEP-IT-WEB	2020-21	Once	30 Hours	64	53
27	Introduction to Python Programming	AOC-DEP-IT-PYP	2020-21	Once	35 Hours	50	43
28	Solid works	AOC-DEP-ME-SWS	2020-21	Once	35 Hours	75	56
29	Basics of Automobile Engineering	AOC-DEP-ME-BAE	2020-21	Once	35 Hours	60	34
30	Advances of Automobile Engineering	AOC-DEP-ME-AAE	2020-21	Once	35 Hours	60	34
31	Project Based Learnings	AOC-DEP-FY-PBL	2020-21	Once	32 Hours	374	374
32	Program on Logical Reasoning and Technical Skill Development	AOC-DEP-FY-LRTS	2020-21	Once	60 Hours	374	374
33	Skill Development Program in Project Oriented Training	AOC-DEP-FY-SDPP	2020-21	Once	30 Hours	93	91
34	Skill Development Program in Advanced C	AOC-DEP-FY-ACP	2020-21	Once	30 Hours	12	12
35	Skill Development Program in Machine Learning-Deep learning	AOC-DEP-FY-SDPML	2020-21	Once	30 Hours	140	138
36	Skill Development Program in Web Development using JAVASCRIPT and REACTJS	AOC-DEP-FY-SDPWD	2020-21	Once	30 Hours	129	126

2021-22

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1	Microsoft Azure Academia Program:Python Programming	AOC-DEP-CSE-AZPY	2021-22	Once	36 Hours	75	71
2	Microsoft Azure Academia Program: Azure AI Fundamentals	AOC-DEP-CSE-AZAI	2021-22	Once	36 Hours	71	69
3	Microsoft Azure Academia Program: Microsoft Azure Data Fundamentals	AOC-DEP-CSE-AZDF	2021-22	Once	36 Hours	63	58
4	Microsoft Azure Academia Program: POWER BI "DATA ANALYTICS	AOC-DEP-CSE-AZBI	2021-22	Once	36 Hours	70	69
5	Microsoft Azure Academia Program: Big Data	AOC-DEP-CSE-AZBD	2021-22	Once	36 Hours	70	69
6	Microsoft Azure Academia Program: Cloud Infrastructure and Security	AOC-DEP-CSE-AZCI	2021-22	Once	36 Hours	65	65


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7	Programming in Hadoop	AOC-DEP-CSE-AZHD	2021-22	Once	36 Hours	63	57
8	Data Science with Python	AOC-DEP-CSE-DSPY	2021-22	Once	36 Hours	60	53
9	Selenium Testing	AOC-DEP-CSE-SETS	2021-22	Once	36 Hours	60	55
10	Design of Basic Robots	AOC-DEP-ECE-DBR	2021-22	Once	30 Hours	66	60
11	OptiSystem Fundamentals and Design Techniques	AOC-DEP-ECE-OPTI	2021-22	Once	30 Hours	39	35
12	Use of AI in Electronics	AOC-DEP-ECE-AI	2021-22	Once	30 Hours	64	58
13	Python Programming: The basics	AOC-DEP-ECE-PP	2021-22	Once	35 Hours	42	38
14	Advance Building Construction and Drawing	AOC-DEP-CIV-ABCD	2021-22	Once	32 Hours	43	34
15	Analysis & Design of Tall Building	AOC-DEP-CIV-ADTB	2021-22	Once	30 Hours	30	30
16	Building Information Modelling	AOC-DEP-CIV-BIM	2021-22	Once	30 Hours	35	28
17	Residential House Planning as per NBC	AOC-DEP-CIV-RHPN	2021-22	Once	30 Hours	30	24
18	Sketch Up 3D Modeling	AOC-DEP-CIV-TDM	2021-22	Once	30 Hours	30	23
19	AUTONOM	AOC-DEP-EE-AUTO	2021-22	Once	80 Hours	40	10
20	Enabling Technology for Electric Transportation	AOC-DEP-EE-ET	2021-22	Once	35 Hours	50	40
21	Introduction to MATLAB for Engineering Problems	AOC-DEP-EE-MATL	2021-22	Once	35 Hours	13	6
22	Understanding Basics of Micro-controller and Embedded Systems	AOC-DEP-EE-MCES	2021-22	Once	35 Hours	60	40
23	Introduction to virtual Labs	AOC-DEP-EE-VL	2021-22	Once	30 Hours	86	65
24	Web Design & Development	AOC-DEP-IT-WEB	2021-22	Once	30 Hours	62	52
25	Advanced Python Programming	AOC-DEP-IT-PYP	2021-22	Once	35 Hours	60	50
26	CATIA	AOC-DEP-ME-CTA	2021-22	Once	30 Hours	71	43
27	Solid works	AOC-DEP-ME-SWS	2021-22	Once	30 Hours	56	34
28	3D Printing	AOC-DEP-ME-3DP	2021-22	Once	30 Hours	74	55
29	Basics of Automobile Engineering	AOC-DEP-ME-BAE	2021-22	Once	30 Hours	21	12
30	Advances of Automobile Engineering	AOC-DEP-ME-AAE	2021-22	Once	30 Hours	21	13
31	Project Based Learnings	AOC-DEP-FY-PBL	2021-22	Once	32 Hours	582	582
32	Program on Logical Reasoning and Technical Skill Development	AOC-DEP-FY-LRTS	2021-22	Once	60 Hours	582	582

33	Skill Development Program in Project Oriented Training	AOC-DEP-FY-SDPP	2021-22	Once	30 Hours	143	140
34	Skill Development Program in Advanced C	AOC-DEP-FY-ACP	2021-22	Once	30 Hours	145	143
35	Skill Development Program in Machine Learning-Deep learning	AOC-DEP-FY-SDPML	2021-22	Once	30 Hours	150	148
36	Skill Development Program in Web Development using JAVASCRIPT and REACTJS	AOC-DEP-FY-SDPWD	2021-22	Once	30 Hours	144	143