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Principal

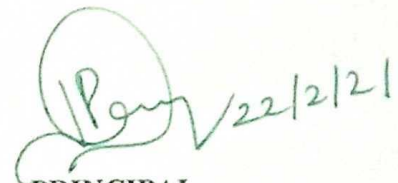
Date: 22-02-2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the number of Add on / Certificate courses offered during the last five years are as per the following count

2019-20	2018-19	2017-18	2016-17	2015-16
55	52	34	29	25

These Addon / Certificate courses conducted by various departments of our institutions are not part of the curriculum prescribed by Anna University.



22/2/21

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

Year -1 (2019-20)

S. No.	Name of Add on /Certificate programs offered	Duration of course	Number of students enrolled in the year	Link to the relevant documents
1.	Hardware & Networking	30 Hrs	102	Click here
2.	Web Application Development	30 Hrs	110	Click here
3.	PEGA CSSA	45 Hrs	85	Click here
4.	Ethical Hacking	30 Hrs	102	Click here
5.	PEGA CSA	45 Hrs	89	Click here
6.	Full Stack Development Phase I	45 Hrs	30	Click here
7.	Japanese Language	40 Hrs	66	Click here
8.	Design and Drafting of Structures by AutoCAD	40 Hrs	45	Click here
9.	Advance AutoCAD for Civil Engineers	40 Hrs	39	Click here
10.	3D Building Design using REVIT Architecture	40 Hrs	35	Click here
11.	3D Exterior and Interior Modelling using SKETCHUP	40 Hrs	40	Click here
12.	Detailing of Steel Structures by TEKLA	40 Hrs	40	Click here
13.	Design and Analysis of Structures using STADDPRO	40 Hrs	49	Click here
14.	Design and Verification of Electric Circuits	35 Hrs	53	Click here
15.	Industrial Automation	35 Hrs	53	Click here
16.	Programmable Logic Controller (PLC)	35 Hrs	27	Click here
17.	KUKA Robotics	35 Hrs	24	Click here
18.	Hands on Training in Simulation of Antenna using ANSYS – HFSS	45 Hrs	23	Click here
19.	Simulation of Electronic Circuits using MATLAB	45 Hrs	26	Click here
20.	Java & Advanced C	45 Hrs	33	Click here
21.	Design & Development of IoT Products	45 Hrs	22	Click here
22.	Hands on Training in Embedded System	60 Hrs	25	Click here

23.	Hands on Training in PCB Design	45 Hrs	23	Click here
24.	C and Embedded C (Phase-I)	30 Hrs	62	Click here
25.	C and Embedded C (Phase-II)	30 Hrs	62	Click here
26.	Design for Testability Phase I	60 Hrs	21	Click here
27.	Design for Testability Phase II	60 Hrs	26	Click here
28.	Product Lifecycle Management - Benchmark	60 Hrs	118	Click here
29.	Numerical Method and Simulation using ANSYS	60 Hrs	118	Click here
30.	CNC Machine Tool Operation and Programming using NX CAM	48 Hrs	116	Click here
31.	Product Design using NX CAD	48 Hrs	116	Click here
32.	Product Design using Solid Works	48 Hrs	116	Click here
33.	Product Design using CATIA	48 Hrs	116	Click here
34.	3D Printing & Reverse Engineering	60 Hrs	89	Click here
35.	Robotics and Industrial Automation	60 Hrs	89	Click here
36.	CATIA	48 Hrs	54	Click here
37.	KUKA Robotics	45 Hrs	54	Click here
38.	Advanced Programmable Logic Controller	40 Hrs	24	Click here
39.	3D Printing & Reverse Engineering	60 Hrs	24	Click here
40.	Product Lifecycle Management using Windchill	60 Hrs	44	Click here
41.	Design of Reinforced Concrete Structures - NPTEL	12 Weeks	1	Click here
42.	Geotechnical Engineering -1 - NPTEL	12 Weeks	2	
43.	Geographic Information System - NPTEL	12 Weeks	1	
44.	Database Management System-NPTEL	8 Weeks	4	
45.	Programming in Java-NPTEL	12 Weeks	7	
46.	Theory of Computation-NPTEL	8 Weeks	9	
47.	Digital Circuits-NPTEL	12 Weeks	2	
48.	Principles of Communication Systems-NPTEL	12 Weeks	2	
49.	Principles of Signals And Systems-NPTEL	12 Weeks	3	

50.	Concepts of Thermodynamics - NPTEL	12 Weeks	29	
51.	Refrigeration and Air-Conditioning -NPTEL	8 Weeks	3	
52.	Steam Power Engineering - NPTEL	8 Weeks	4	
53.	Fluid Mechanics - NPTEL	8 Weeks	3	
54.	Manufacturing Automation - NPTEL	4 Weeks	1	
55.	Foundation of Cognitive Robotics - NPTEL	4 Weeks	1	
Year 2 (2018-19)				
S. No.	Name of Add on /Certificate programs offered	Duration of course	Number of students enrolled in the year	Link to the relevant documents
1.	Basic AutoCAD Training	40 Hrs	53	
2.	Advance AutoCAD	40 Hrs	42	
3.	REVIT	40 Hrs	42	Part 1 Click here
4.	SKETCHUP	40 Hrs	47	Part2 Click here
5.	TEKLA	40 Hrs	47	
6.	STADDPRO	40 Hrs	43	
7.	PEGA	45 Hrs	48	
8.	Web Application Development	30 Hrs	116	Part 1 Click here
9.	Hardware & Networking	30 Hrs	119	Part 2 Click here
10.	Exploring Big Data Management Tools	30 Hrs	110	
11.	Electrical Machine Design using Software	30 Hrs	61	
12.	Design and Verification of Electric Circuits	30 Hrs	61	
13.	Real Time Embedded System	30 Hrs	45	
14.	Hands on Training in Hybrid Power Station	30 Hrs	44	Click here
15.	Industrial Automation	30 Hrs	55	
16.	Programmable Logic Controller (PLC)	30 Hrs	55	
17.	Java & Advanced C	60 Hrs	60	

18.	Hands on Training in Industrial Robotics	30 Hrs	32	Click here
19.	Hands on Training in Simulation of Antenna using ANSYS – HFSS	45 Hrs	30	
20.	PEGA CSSA	45 Hrs	42	
21.	PEGA CSA	45 Hrs	46	
22.	Hands on Training in Embedded System	45 Hrs	57	
23.	Simulation of Electronic Circuits using MATLAB	45 Hrs	120	Part 1 Click here Part 2 Click here
24.	NX CAD, SOLID WORKS, CATIA	60 Hrs	122	
25.	3D Printing & Reverse Engineering	90 Hrs	72	
26.	Computer Aided Manufacturing	30 Hrs	48	
27.	Industrial Automation	40 Hrs	45	
28.	KUKA Robo Programming	40 Hrs	40	
29.	ANSYS	45 Hrs	56	
30.	Solar and Wind Energy	40 Hrs	21	
31.	AutoCAD	35 Hrs	61	
32.	SOLIDWORKS	45 Hrs	62	
33.	CATIA	35 Hrs	61	Click here
34.	KUKA Robotics	45 Hrs	60	
35.	Industrial Automation	30 Hrs	60	
36.	Programmable Logic Controller	45 Hrs	63	
37.	Sensors and Instrumentation	45 Hrs	60	
38.	Problem Solving Through Programming in C-NPTEL	12 Weeks	1	Click here
39.	Data Base Management System-NPTEL	8 Weeks	33	
40.	Design and Analysis of Algorithms-NPTEL	8 Weeks	2	
41.	Blockchain Architecture Design and Use Cases-NPTEL	12 Weeks	1	
42.	Control Systems - NPTEL	12 weeks	1	
43.	Internet of Things - NPTEL	12 weeks	1	
44.	Material Science and Engineering - NPTEL	8 Weeks	88	

45.	Manufacturing Process Technology - NPTEL	12 Weeks	32	
46.	Robotics - NPTEL	8 Weeks	1	
47.	Manufacturing of Composites - NPTEL	8 Weeks	2	
48.	Microprocessors and Microcontrollers - NPTEL	12 Weeks	1	
49.	Joy of computing using Python-NPTEL	12 Weeks	1	
50.	CMOS Digital VLSI Design-NPTEL	13 Weeks	71	
51.	Introduction to Internet of Things-NPTEL	14 Weeks	1	
52.	Principles of Communication Systems - I-NPTEL	12 Weeks	54	
Year 3 (2017-18)				
S. No.	Name of Add on /Certificate programs offered	Duration of course	Number of students enrolled in the year	Link to the relevant documents
1.	Basic AutoCAD Training	40 Hrs	53	
2.	Advance AutoCAD	40 Hrs	43	Part 1 Click here
3.	REVIT	40 Hrs	43	Part 2 Click here
4.	SKETCHUP	40 Hrs	43	
5.	TEKLA	40 Hrs	43	
6.	Mobile Application Development	40 Hrs	110	
7.	Web Application Development	30 Hrs	110	
8.	Hardware & Networking	30 Hrs	21	Click here
9.	PEGA	45 Hrs	33	
10.	Cloud Computing using Amazon Web Services	45 Hrs	68	
11.	Industrial Automation	30 Hrs	46	
12.	Electrical Machine Design using Software	30 Hrs	45	
13.	Design and Verification of Electric Circuits	30 Hrs	45	Click here
14.	Real Time Embedded System	30 Hrs	55	
15.	Hands on Training in Hybrid Power Station	30 Hrs	55	

16.	Hands on Training in Embedded System	45 Hrs	62	Click here
17.	Simulation of Electronic Circuits using MATLAB	45 Hrs	118	
18.	Java & Advanced C	60 Hrs	118	
19.	Hands on Training in Simulation of Antenna using ANSYS – HFSS	30 Hrs	57	
20.	PEGA CSA,CSSA	45 Hrs	42	
21.	Hands on Training in Robotics Design	30 Hrs	27	Part 1 Click here Part 2 Click here
22.	NX CAD, SOLID WORKS, CATIA	60 Hrs	120	
23.	3D Printing & Reverse Engineering	90 Hrs	72	
24.	Computer Aided Manufacturing	30 Hrs	37	
25.	Industrial Automation	40 Hrs	40	
26.	KUKA Robo Programming	40 Hrs	50	
27.	ANSYS	45 Hrs	30	
28.	Solar and Wind Energy	40 Hrs	45	
29.	AutoCAD	35 Hrs	60	Click here
30.	Industrial Automation	30 Hrs	68	
31.	KUKA Robotics	45 Hrs	61	
32.	CATIA	35 Hrs	62	
33.	SOLIDWORKS	45 Hrs	61	
34.	Programmable Logic Controller	45 Hrs	60	
Year 4 (2016-17)				
S. No.	Name of Add on /Certificate programs offered	Duration of course	Number of students enrolled in the year	Link to the relevant documents
1.	Basic AutoCAD Training	40 Hrs	42	Part 1 Click here
2.	Advance AutoCAD	40 Hrs	38	
3.	REVIT	40 Hrs	36	Part 2 Click here
4.	PEGA	45 Hrs	20	

5.	Mobile Application Development	30 Hrs	101	Click here
6.	Web Application Development	30 Hrs	99	
7.	Hardware & Networking	30 Hrs	26	
8.	Cloud Computing using Amazon Web Services	30 Hrs	20	
9.	Electrical Machine Design using Software	30 Hrs	55	Click here
10.	Design and Verification of Electric Circuits	30 Hrs	55	
11.	Real Time Embedded System	30 Hrs	46	
12.	Power System Operation Control using PLC Programming	30 Hrs	55	
13.	Hands on Training in Hybrid Power Station	30 Hrs	46	
14.	Industrial Automation	30 Hrs	26	Click here
15.	Hands on Training in Embedded System	45 Hrs	49	
16.	Simulation of Electronic Circuits using MATLAB	45 Hrs	115	
17.	Java & Advanced C	60 Hrs	115	
18.	Hands on Training in Simulation of Antenna using ANSYS – HFSS	30 Hrs	49	
19.	PEGA CSA,CSSA	45 Hrs	29	
20.	Hands on Training in Networking Concepts	45 Hrs	29	Part 1 Click here Part 2 Click here
21.	NX CAD, SOLID WORKS, CATIA	60 Hrs	99	
22.	Computer Aided Manufacturing	30 Hrs	90	
23.	KUKA Robo Programming	40 Hrs	85	
24.	ANSYS	45 Hrs	88	
25.	SOLIDWORKS	45 Hrs	65	
26.	AutoCAD	35 Hrs	61	
27.	KUKA Robotics	45 Hrs	65	

28.	CATIA	35 Hrs	61	Click here
29.	Industrial Automation	30 Hrs	55	
Year 5 (2015-16)				
S. No.	Name of Add on /Certificate programs offered	Duration of course	Number of students enrolled in the year	Link to the relevant documents
1.	Basic AutoCAD Training	40 Hrs	52	Click here
2.	Advance AutoCAD	40 Hrs	42	
3.	REVIT	40 Hrs	42	
4.	Mobile Application Development	30 Hrs	38	Click here
5.	Web Application Development	30 Hrs	38	
6.	Hardware & Networking	30 Hrs	11	
7.	Electrical Machine Design using Software	30 Hrs	46	Click here
8.	Design and Verification of Electric Circuits	30 Hrs	46	
9.	Real Time Embedded System	30 Hrs	26	
10.	Power System Operation Control using PLC Programming	30 Hrs	26	
11.	Hands on Training in Hybrid Power Station	30 Hrs	41	
12.	KUKA Robotics	30 Hrs	41	Click here
13.	Hands on Training in Embedded System	45 Hrs	39	
14.	Simulation of Electronic Circuits Using MATLAB	45 Hrs	98	
15.	Java & Advanced C	60 Hrs	76	
16.	Hands on Experience in Networking Concepts	30 Hrs	34	Part 1 Click here Part 2 Click here
17.	Hands on Training in Robotics Design	30 Hrs	34	
18.	NX CAD, Solid Works, CATIA	60 Hrs	118	
19.	Computer Aided Manufacturing	30 Hrs	88	
20.	KUKA Robo Programming	40 Hrs	86	
21.	ANSYS	45 Hrs	88	

22.	SOLIDWORKS	45 Hrs	58	Click here
23.	AutoCAD	35 Hrs	68	
24.	KUKA Robotics	45 Hrs	55	
25.	CATIA	35 Hrs	68	