

K.S.R.M. COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Kadapa, Andhra Pradesh

CERTIFICATE/VALUE ADDED COURSES(VAC)/NPTEL

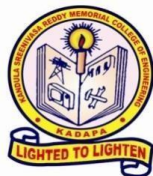
AY 2021-2022

NUMBER OF CERTIFICATE/ VALUE ADDED COURSES/NPTEL

2021-2022	
VAC	51
NPTEL	28
TOTAL	79

CERTIFICATE/ VALUE ADDED COURSES

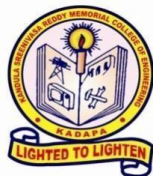
S.NO	COURSE NAME	COURSE CODE	LINK
1	AUTO CAD	210305	View
2	Beam design formulae with shear force and bending moment diagrams	210107	View
3	Lab VIEW Programming	210204	View
4	Non- Conventional Energy Sources	21HS09	View
5	Fundamentals of MATLAB	210205	View
6	STAAD Pro, (Design and Analysis of RCC Structures)	210108	View
7	Design Thinking and Product Innovation	210306	View
8	Nano Science & Technology & Applications	21HS10	View
9	Industrial Automation with PLC	210405	View
10	Web Development using Django	210505	View
11	Programming with Arduino	210406	View
12	Requirements and estimation of framed building structures	210109	View
13	Design of Slopes by using Geostudio	210110	View
14	Shell Programming	210506	View
15	Sustainable Engineering	21HS11	View
16	Numerical Methods for Engineers	21HS12	View
17	Machine learning for Beginners	210407	View
18	Complex Analysis	21HS13	View
19	IoT using Raspberry Pi	210507	View
20	Android App Development with Kotlin	210408	View



21	Analysis of algorithms	210508	View
22	Basics of Microsoft Office	210111	View
23	Arduino Programming	220201	View
24	Object oriented Programming Through C++	223901	View
25	Problem Solving using Algorithms	220501	View
26	Programming in C	220502	View
27	Process Piping Fabrication	220301	View
28	Gender Sensitization	22HS01	View
29	Fundamentals of Python	220202	View
30	Machine learning	220401	View
31	DSD using Verilog HDL	220402	View
32	Integrated Watershed Management	220101	View
33	Architectural Modeling using REVIT	220102	View
34	Applications of Remote Sensing & GIS	220403	View
35	C++ language	220404	View
36	Non Destructing Testing	220302	View
37	Design of compression members Using Microsoft Excel	220103	View
38	Java Programming	220503	View
39	Certification course on PCB Design	220405	View
40	AI & ML	220504	View
41	Solid Works	220303	View
42	IOT and it's Applications	220406	View
43	Python Programming	220505	View
44	Scripting Languages	220506	View
45	Internet of Things	220203	View
46	CATIA V5 R21	220507	View
47	MATLAB/SIMULINK	220204	View
48	Engine Combustion	220304	View
49	Estimating & Costing for Mechanical Engineers	220305	View
50	Circuit Design using MULTISIM	220205	View
51	PCB Design	220206	View

NPTEL COURSES

1	Air pollution and Control	noc22-ce22	View
2	An Introduction to Programming Through C++	noc22-cs42	
3	Basic Linear Algebra	noc22-ma04	
4	Cloud computing	noc22-cs20	
5	Computer Networks and Internet Protocol	noc22-cs19	
6	Computer Vision and Image Processing - Fundamentals and Applications	noc22-ee48	



7	Data Analytics with Python	noc22-cs08
8	Data Base Management System	noc22-cs51
9	Digital System Design	noc22-ee45
10	Entrepreneurship Essentials	noc22-ge03
11	Ethical Hacking	noc22-cs13
12	Geomorphology	noc22-ce04
13	Introduction To Internet Of Things	noc22-cs53
14	Introduction to Political Theory	noc22-hs14
15	Machine Learning For Soil And Crop Management	noc22-ag05
16	Managing change in organizations	noc22-mg06
17	Modern Construction Materials	noc22-ce13
18	Network Analysis	noc22-ee07
19	Problem Solving Through Programming In C	noc22-cs45
20	Programming In Java	noc22-cs47
21	Python for Data Science	noc22-cs32
22	Social Networks	noc22-cs30
23	The Joy of Computing using Python	noc22-cs31
24	Traffic Engineering	noc22-ce41
25	Cloud computing - online	noc21-cs62
26	Power Plant Engineering-Online	noc21-me86
27	Programming, Data Structures And Algorithms Using Python-Online	noc21-cs67
28	Robotics-Online	noc21-me76

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