

# K.S.R.M. COLLEGE OF ENGINEERING

UGC- AUTONOMOUS

Kadapa, Andhra Pradesh

## CERTIFICATE/VALUE ADDED COURSES(VAC)/NPTEL

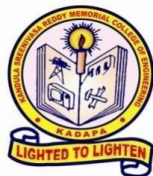
AY 2022-2023

### NUMBER OF CERTIFICATE/ VALUE ADDED COURSES/NPTEL

2022-2023	
VAC	27
NPTEL	50
TOTAL	77

### CERTIFICATE/ VALUE ADDED COURSES

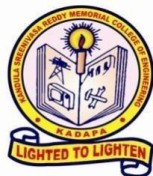
S.NO	COURSE NAME	COURSE CODE	LINK
1	Python for Data Science	220407	<a href="#">View</a>
2	2D Game Design	220507	<a href="#">View</a>
3	GAME DESIGN USING BUILD BOX	220408	<a href="#">View</a>
4	Fundamentals of MATLAB Programming	220409	<a href="#">View</a>
5	Industrial Safety & Management	220306	<a href="#">View</a>
6	Storm Water Drainage System Design	220104	<a href="#">View</a>
7	Android Application Development using Kotlin	220508	<a href="#">View</a>
8	Architectural Modeling Using Revit	220105	<a href="#">View</a>
9	AUTO CAD	220307	<a href="#">View</a>
10	Power Quality Issues and Mitigation Techniques	220205	<a href="#">View</a>
11	Solid State Physics	22HS02	<a href="#">View</a>
12	Modern Control Systems	220206	<a href="#">View</a>
13	Complex Analysis	23HS01	<a href="#">View</a>
14	Shell Programming	220509	<a href="#">View</a>
15	Gender Sensitization	23HS02	<a href="#">View</a>
16	IOT with python programming	233901	<a href="#">View</a>
17	Object Oriented Programming through C++	230501	<a href="#">View</a>
18	AI Control Techiques for Facts Devices-	230201	<a href="#">View</a>
19	PCB DESIGN	230401	<a href="#">View</a>
20	Production Design & Drafting by CATIA	230301	<a href="#">View</a>



21	Estimating & Costing for Mechanical Engineers	230302	<a href="#">View</a>
22	Data Science	230502	<a href="#">View</a>
23	Intelligent control Techniques for Power System operation and Control	230202	<a href="#">View</a>
24	“NGO MANAGEMENT”	23HS03	<a href="#">View</a>
25	MS office for documentation	230101	<a href="#">View</a>
26	MIT App Inventor	233902	<a href="#">View</a>
27	Slope stability Analysis using GeoStudio	230102	<a href="#">View</a>

### **NPTEL COURSES**

1	Air Pollution and Control	noc23-ce14	
2	An Introduction to Artificial Intelligence	noc23-cs05	
3	Cloud Computing	noc23-cs42	
4	Data Analytics with Python	noc23-cs08	
5	Data Science for Engineers	noc23-cs17	
6	Digital Land Surveying And Mapping (DLS&M)	noc23-ce05	
7	Education for Sustainable Development	noc23-hs17	
8	Entrepreneurship Essentials	noc23-ge16	
9	Human Behaviour	noc23-hs37	
10	Introduction To Fluid Mechanics	noc23-me42	
11	Introduction To Internet Of Things	noc23-cs51	
12	Introduction to Machine Learning	noc23-cs18	
13	Introduction To Mineral Processing	noc23-ce40	
14	Leadership and Team Effectiveness	noc23-mg28	<a href="#">View 2</a>
15	Mechanical Behaviour of Materials (Part - I)	noc23-mm19	<a href="#">View 1</a>
16	Programming In Java	noc23-cs49	
17	The Joy of Computing using Python	noc23-cs20	
18	Understanding Incubation and Entrepreneurship	noc23-de04	
19	Urban Transportation Systems Planning	noc23-ce30	
20	VLSI Signal Processing	noc23-ee44	
21	Advanced Concrete Technology	noc22-ce58	
22	Advanced Machining Processes	noc22-me119	
23	Animal Physiology	noc22-bt63	
24	Automation in Manufacturing	noc22-me123	
25	Availability and Management of Groundwater Resources	noc22-ce92	
26	Cloud Computing	noc22-cs87	
27	Data Structure And Algorithms Using Java	noc22-cs92	



28	Design of photovoltaic systems	noc22-ee71	<a href="#">View 2</a>  <a href="#">View 1</a>
29	Engineering Metrology	noc22-me75	
30	Human Resource Development	noc22-hs113	
31	Industrial Safety Engineering	noc22-mg97	
32	Integrated Waste Management For A Smart City	noc22-ce69	
33	Introduction to Research	noc22-ge23	
34	Manufacturing Systems Technology I & II	noc22-me80	
35	Municipal Solid Waste Management	noc22-ce82	
36	Pavement Materials (Under Pavement Engineering)	noc22-ce93	
37	Principles Of Management	noc22-mg104	
38	Principles of Signal Estimation for MIMO/ OFDM Wireless Communication	noc22-ee72	
39	Problem Solving Through Programming In C	noc22-cs101	
40	Programming In Java	noc22-cs102	
41	Programming, Data Structures And Algorithms Using Python	noc22-cs70	
42	Public Speaking	noc22-hs134	
43	Python for Data Science	noc22-cs74	
44	Soft skills	noc22-hs76	
45	Software Testing	noc22-cs61	
46	Soil Mechanics/Geotechnical Engineering I	noc22-ce74	
47	Sustainable Transportation systems	noc22-ce104	
48	The Joy of Computing using Python	noc22-cs122	
49	Wastewater Treatment And Recycling	noc22-ce76	
50	Wildlife Ecology	noc22-bt55	