

Estd. 1989

SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, Eluru Dist., A.P., INDIA

ACCREDITED BY NBA, APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
PERMANENTLY AFFILIATED TO JNTUK, KAKINADA

www.sircrrengg.ac.in



OFF: (08812) 230840, 230565
FAX : (08812) 224193
Email: principal.sircrrengg@gmail.com

List of Full time Teachers Participated in Professional Development Programs

AY:2022-23

S.NO	Name of the full-time Teacher	Designation	Name of the program participated	Date and Duration
1	Dr. K.Lalit Narayan	Professor	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
2	Dr. M. Sri Rama Murthy	Professor	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
3	Dr. K.Sunil Ratna Kumar	Assoc.Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
4	Dr. T. Rama Krishna	Assoc.Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
5	Sri D. Satyanarayana	Sr.Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
6	Sri E. Venkateswara Rao	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
7	Sri K.V.P.P. Chandu	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
8	Sri B.V. Subrahmanyam	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
9	Mrs. Ch. Lakshmi Poornima	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
10	Sri L.N.V. Narasimha Rao	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
11	Sri Ch. Chandra Rao	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
12	Sri A. Srinivasa Rao	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
13	Sri V. Naveen Kumar	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022

14	Sri S. Daniel Ephraim Babu	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
15	Ms. G. Pavani	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
16	Sri T.N.V. Ashok Kumar	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
17	Sk. Saleem	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
18	Ch. Phani Kumar	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
19	Ms. S. Kusuma Kumari	Asst. Prof	One week FDP on Practices for 3D Printing	07-08-2022 to 12-08-2022
20	Mr. A. Srinivas	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
21	Mr. S. Sree Rajesh	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
22	Mr. K. Gangadhara Rao	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
23	Mrs. V. Vijaya Lakshmi	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
24	Mrs. P. Venkata Vasavi	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
25	Mr. Shake Baji	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
26	Mrs. P. Vijaya Laxmi	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
27	Mrs. P. Anitha Vijaya Sri	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
28	Mrs. M. Durga Ratnam	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
29	Mr. S. Ravi Kumar	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
30	Mr. V. Ravi Kiran	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022

31	Mrs. D. Ganga Bhavani	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
32	Mrs. Swetha Lanka	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
33	Mrs. D. Chowdeswari	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
34	Mrs. Devi Naga Prasanna B	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
35	Mrs. K.V. Uma Karuna Devi	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
36	Mr. M. Anand Kumar	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
37	Mr. R. Pavan Kumar	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
38	Mrs. Sushma Patnaik	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
39	Ms S. Sireesha	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
40	Ms. V. Pravallika	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
41	Ms. K. Madhavi	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
42	Mrs. D. Anusha	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
43	Mrs. K. Bharathi	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
44	Mrs. K. Vijana	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
45	Ms.K. Kavyanjali	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022

46	Ms.G. Lakshmi Jhansi	Asst Professor	Enhancing Problem Solving Skills Strategies for Teaching Efficiently	22-08-2022 to 26-08-2022
47	YALLAMANDA CH	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
48	P RAJENDRA KUMAR	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
49	Y SIVA KOTESWARA RAO	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
50	G PAVAN	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
51	S UMA SESHAGIRI RAO	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
52	A KOTESWARAMMA	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
53	U PALLAVI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
54	K NANDINI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
55	CH POOJA RANI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
56	M DIVYA SUMITRA	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
57	N DURGA PRASANNA	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
58	B RAMESH BABU	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
59	Dr S KRISHNA RAO	PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
60	G VIHARI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022

61	Dr K SATYANARAYANA	ASSOC PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
62	B LALITHA BHAVANI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
63	Dr G CHAMUNDESWARI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
64	Dr N SAMEERA	ASSOC PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
65	G KRISHNAVENI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
66	K PURNA PRAKASH	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
67	T SATYANAGAMANI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
68	N PRASAD	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
69	K VIJAYA LAKSHMI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
70	J MALATHI	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
71	P RAMAIAH CHOWDARY	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
72	V GOPINATH	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
73	E BALA KRISHNA MANASH	ASST PROFESSOR	MACHINE LEARNING APPLICATION ON IMAGE PROCESSING	10-10-2022 to 14-10-2022
74	Dr M Krishna	Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
75	J S V Gopala Krishna	Associate Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
76	K Anil Chowdary	Associate Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
77	Dr. G Nirmala	Associate	FDP on Machine	14-11-2022 to 18-11-

		Professor	Learning	2022
78	Dr. N Deepak	Associate Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
79	Dr. K N Madhavi Latha	Associate Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
80	Dr. B Madhav Rao	Associate Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
81	S Mohan Babu Chowdary	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
82	Konda Sreenu	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
83	K Chaitanya Deepthi	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
84	Y L Sandhya	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
85	M Ganesh Babu	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
86	G Satyanarayana	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
87	Homer Benny Bandela	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
88	Ch Rama Devi	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
89	R S K Chaitanya	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
90	Samparathi V S Kumar	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
91	P Naga Deepthi	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
92	M Madhava Rao	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
93	Vahiduddin Shariff	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
94	V V Deepthi Donavalli	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
95	V Pranav	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
96	K Swathi	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
97	Ch Srinivas	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
98	T Koti Mani Kumar	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
99	Rama Lakshmi B	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022

100	T Usha Rani	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
101	Ch Sudhakar	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
102	Unni Kiran Jaladhi	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
103	A Ram Kumar	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
104	M Siva Ganesh	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
105	Y Anjani	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
106	P Chaitanya	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
107	A Mamatha	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
108	G Monika Devi	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
109	V Jaya Manasa	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
110	Y Jyothi	Assistant Professor	FDP on Machine Learning	14-11-2022 to 18-11-2022
111	K.Lakshmi Narayana	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
112	V.veerraju	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
113	CH.Ravi Kumar	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
114	H.Sudhakar	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
115	D.Ajay Kumar	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
116	P.Hareesh	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022

117	K.J.S Lorraine	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
118	CH.jaya prakash	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
119	V.Surendra Babu	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
120	M.Narendra Kumar	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
121	G.Srilatha	Asst professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
122	K.Miranji	Asst Proffesor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
123	N.Lavanya	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
124	A.Ram kumar	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
125	R.Trinadh	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
126	P.Sowmithri	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
127	M.Vamsi krishna allu	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022

128	K.Lavanya	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
129	Y Greeshma	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
130	V Swathi	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
131	V.Suneetha	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
132	P.Srinivasulu	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
133	Y Bhaskar	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
134	N Swathi	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
135	K Radha	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
136	G Sujatha	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
137	A Kinnera	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
138	U Ramya	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022

139	Y Yamini Priya	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
140	B Nageswari	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
141	A Roja VaraLakshmi	Asst Professor	RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS	21-11-2022 to 25-11-2022
142	Dr. Yerramilli Butchi Raju	Professor	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
143	Dr. Namdeti Bhupesh Kumar	Professor	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
144	Seethamraju Raghunath Sagar	Assoc. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
145	Dr. Neeli Venkata Seetha Ram Pavan Kumar	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
146	Anantaneni Surya Prakasha Rao	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
147	Nandigam Rama Narayana	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
148	Javangula Ayyappa	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
149	Motepalli Sunil Kumar	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
150	Attada Durga Prasad	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
151	Bandreddy Sambasiva Rao	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
152	Koyi Kotaiah Chowdary	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022

153	Goriparthi Ganesh	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
154	Shaik Chanbasha	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
155	Madduri Siva Naga Lakshmi Narasimha Rao	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
156	Lingamaneni Vamsi Narasimha Rao	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
157	Mesineti Vijaya Raghavendra	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
158	Madire Mallikarjuna Reddy	Asst. Prof	Applications of Power Electronics in Smart Grids	05-12-2022 to 09-12-2022
159	P.Naga Venkata Krishna	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
160	M.Chandrakanth	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
161	B. Venkata Srinivas Rao	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
162	N.S.Poorna Chandra Rao	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
163	M.Dinesh kumar	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
164	S.Sai charan	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
165	CH. Ganesh	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
166	G. Jyothi	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
167	M. Sri kanth	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
168	Prasanna kumar	Asst. Prof	Concrete-Theory to Practice	12-12-2022 to 16-12-2022
169	V.RAGHAV SAI KRISHNA	Assistant professor	FDP ON DEVELOPING & SOLVING CASE STUDIES	18-12-2022 to 23-12-2022
170	V.SANDEEP	Assistant professor	FDP ON DEVELOPING & SOLVING CASE STUDIES	18-12-2022 to 23-12-2022
171	CH.MADHAVI LATHA	Assistant professor	FDP ON DEVELOPING & SOLVING CASE	18-12-2022 to 23-12-2022

			STUDIES	
172	N.SATEESH	Assistant professor	FDP ON DEVELOPING & SOLVING CASE STUDIES	18-12-2022 to 23-12-2022
173	SK.JAHEERUNNISA BEGUM	Assistant professor	FDP ON DEVELOPING & SOLVING CASE STUDIES	18-12-2022 to 23-12-2022
174	E.KAVITHA	Assistant professor	FDP ON DEVELOPING & SOLVING CASE STUDIES	18-12-2022 to 23-12-2022

List of Non-Teaching staff participated in Skill Development Program

AY:2022-2023

S.NO	Name of the Staff	Designation	Name of the Program	Date and Duration
1	S. Jaya Rama Krishna	Technician	MS-Office & Photoshop	17-11-2022
2	T. S. Anand	Junior Assistant	MS-Office & Photoshop	17-11-2022
3	K. S. Sirisha	Junior Programmer	MS-Office & Photoshop	17-11-2022
4	P. V. Padmavathi	Junior Assistant	MS-Office & Photoshop	17-11-2022
5	A.Yesubabu	Programmer	MS-Office & Photoshop	17-11-2022
6	P. Ruth	Technician	MS-Office & Photoshop	17-11-2022
7	M. Sravani	Junior Assistant	MS-Office & Photoshop	17-11-2022
8	G. L. Ganesh Babu	Computer Operator	MS-Office & Photoshop	17-11-2022
9	B.Rangamma	Technician	MS-Office & Photoshop	17-11-2022
10	P. Pratima	Technician	MS-Office & Photoshop	17-11-2022
11	G. Muralidhara Rao	Junior Assistant	MS-Office & Photoshop	17-11-2022
12	D. Leela Kumari	Junior Programmer	MS-Office & Photoshop	17-11-2022
13	G. Kali Krishna	Hardware Technician	MS-Office & Photoshop	17-11-2022

IQAC



PRINCIPAL

Principal

Sir C R Reddy College of Engineering,
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru – 534007, West Godavari Dist, A.P, India

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Phone no:08812-230840, 2300656 Fax: 08812-224193 Visit us at <http://www.sircrengg.ac.in>

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 27-07-2022

CIRCULAR

We are Pleased to inform that all the faculty of Mechanical Engineering Department is conducting a Six-Day Faculty Development Programme on "Practices for 3D Printing" will be Scheduled from 07-08-2022 to 12-08-2022 at 9.30 AM onwards.

Venue: Library Seminar Hall

N. Anurag
Head of the Department

Copy to:

1. All the staff members of Mechanical Dept.



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)
Telephone No: 08812-230840, 230565, Fax: 08812-224193
Website: www.sircrrengg.ac.in

Day wise schedule of FDP on “Best Practices for 3D printing”

Date	Slot-1 (09:00-11:00)	Slot-2 (01:00-04:00)
07/08/2022	Introduction to Additive Manufacturing. P Rajesh	Advanced 3D-printing technologies. Design for Additive Manufacturing. P Rajesh
08/08/2022	Process parameters and selection. P Rajesh	3D printing of shape memory alloys. P Rajesh
09/08/2022	Electron Beam Additive Manufacturing. P Rajesh	Data file formats and software tools for Additive Manufacturing. P Rajesh
10/08/2022	FDM based Additive Manufacturing. CH Lakshmi Poornima	Additive Manufacturing in biomedical. CH Lakshmi Poornima
11/08/2022	Wire Arc Additive Manufacturing. CH Lakshmi Poornima	3D printing of polymers. CH Lakshmi Poornima
12/08/2022	Post processing requirements and techniques. CH Lakshmi Poornima	3D printing of metals and applications. CH Lakshmi Poornima

Registration form

Name:

Designation:

Institution & Department:

Address:

.....

.....

Qualification:

Experience in years:

Teaching Research

Age: Gender: Male/Female

Mobile No.

Email:

Signature
of the Candidate

Signature of the
Head of the
Institution with seal

Registration Fee:

Faculty- Rs.1000/-

Industry- Rs.1500/-

IMPORTANT DATES

Last date for Registration: 04.08.2022

Chief Patrons

Sri Dr.M.B.S.V.Prasad, Secretary

Sri Jasti Mallikharjunudu, Correspondent.

Advisory Committee

Dr. K.Venkateswara Rao, Principal

Convenor

Dr. K.Rambabu, Professor & H.o.D

Co-ordinators

Dr.K.Lalit Narayan, Professor

Organizing Committee

Dr. J.Sudhir Kumar, Professor

Dr.K.Lalit Narayan, Professor

Sri E.Srinivas, Assistant Professor

Sri V.Naveen Kumar, Assistant Professor

Smt M.N.V.Alekhyia, Assistant Professor

Dr. M.Srirama Murthy, Professor

Sri P.S.B.Choudary, Associate Professor

Sri K.Sunil Ratna Kumar, Assistant Professor

Sri T.Rama Krishna, Assistant Professor

Sri E.Venkateswara Rao, Assistant Professor

Sri Ch.Rama Krishna, Assistant Professor

Sri B.V.Subrahmanyam, Assistant Professor

Sri S.V.Gopala Krishna, Assistant Professor

Smt Ch.Lakshmi Poornima, Assistant Professor

Sri L.N.V.Narasimha Rao, Assistant Professor

Sri A.Srinivasa Rao, Assistant Professor

Sri Ch.Chandru Rao, Assistant Professor

One Week
FACULTY DEVELOPMENT PROGRAMME
ON

BEST PRACTICES FOR
3D PRINTING

(07th – 12th August 2022

Organized by:

Department of Mechanical Engineering



Sir CR Reddy College of Engineering, Eluru-
534007, West Godavari dt., Andhra Pradesh
www.sircrrengg.ac.in

Ph:08812 - 230840, 2300656

ABOUT THE COLLEGE

Sir C.R. Reddy College of Engineering, established in 1989, is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE) and is now affiliated to Andhra University, Visakhapatnam. It is sprawled in a vast area of 30.5 acres of land on the outskirts of Eluru town at a distance of 6 km from the center. The college is offering 6 Under Graduate and 7 Post Graduate programmes. The present strength of the faculty is 275, comprising well qualified professionals with varied experience and background.

The college was accredited by National Board of Accreditation (NBA), GOI, New Delhi in respect of 6 UG Programmes and is now accredited by NAAC in 2017.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been functioning since the inception of the College in 1989. At present the Department is offering 1 UG Programme (B.Tech.) with an intake of 120 students and 1 PG Programme (M.Tech.) in Machine Design with an intake of 18. The Department has good teaching faculty and well experienced members. The Department has well equipped Laboratories, CAD lab with advanced softwares, Mechanical vibrations Lab, Stress Analysis Lab and state of the art e-classroom with all necessary accessories.

The Department also has advanced Research Center recognized by Andhra University, Visakhapatnam.

A Siemens Skill Development Center with a CNC Lathe Machine, CNC Milling machine and with all advanced welding equipment and processes is functioning since 2016.

Another Skill Development center in collaboration with VELJAN HYDRAIR Ltd. & DENISON HYDRAULICS Ltd., Hyderabad is in pipeline with an investment of rupees 1 crore to train the students on advanced Pneumatic and Hydraulic systems.

Theme of the FDP:

Additive Manufacturing (AM), popularly known as 3D printing, refers to a family of processes used to fabricate three-dimensional objects through the addition of material. AM contrasts with many traditional manufacturing methods that rely on subtractive processes, such as chiseling a statue out of marble or turning down an acetal rod. To update the participants with the state of the art 3D Printing Technologies. To enable the participants to have hands-on experience on various types of 3D Printing

Modelling and slicing software's and demo on various 3D Printing Technologies. To enable participants to learn the applications of 3D Printing like Biomedical, Aerospace, Automobile etc. To enable the participants to develop course contents in their institutions and also research in the area of 3D Printing

Resource Persons:

1. P Rajesh
Assistant professor,
Ramachandra college of Engineering,
2. CH. Lakshmi Poornima
Assistant Professor,
Sir CRR College of Engineering, Eluru.

Venue:

Library Seminar Hall,
Sir CRR College of Engineering, Eluru.

Correspondence:

Sri E. Venkateswara Rao Assistant Professor,
Sri A. Srinivasa Rao, Assistant Professor
Department of Mechanical Engineering Eluru -
534007.

Ph No: 8688270296

Email ID: sree.pandul16@gmail.com



Attendance List of Participants

Name of the Department

: Mechanical Engineering

Name of the Programme

: FDP on Practices for 3D Printing

Dates of Programme

: 07-08-2022 to 12-08-2022

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			De/07/2022	De/08/2022	De/08/2022	De/09/2022	De/10/2022	De/11/2022
1	U. Venkatesh Gopi	Mech	U. Venkatesh Gopi	U. Venkatesh Gopi	U. Venkatesh Gopi	U. Venkatesh Gopi	U. Venkatesh Gopi	U. Venkatesh Gopi
2	D. M. Sri Lakshmi	Mech	D. M. Sri Lakshmi	D. M. Sri Lakshmi	D. M. Sri Lakshmi	D. M. Sri Lakshmi	D. M. Sri Lakshmi	D. M. Sri Lakshmi
3	M. K. Sushil Patna Kumar	Mech	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar
4	D. N. Venkatesh R	Mech	D. N. Venkatesh R	D. N. Venkatesh R	D. N. Venkatesh R	D. N. Venkatesh R	D. N. Venkatesh R	D. N. Venkatesh R
5	D. Satya Kumar	Mech	D. Satya Kumar	D. Satya Kumar	D. Satya Kumar	D. Satya Kumar	D. Satya Kumar	D. Satya Kumar
6	M. K. Sushil Patna Kumar	Mech	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar	M. K. Sushil Patna Kumar
7	C. H. C. Prudhvitara	Mech	C. H. C. Prudhvitara	C. H. C. Prudhvitara	C. H. C. Prudhvitara	C. H. C. Prudhvitara	C. H. C. Prudhvitara	C. H. C. Prudhvitara
8	B. V. Subrahmanyam	Mech	B. V. Subrahmanyam	B. V. Subrahmanyam	B. V. Subrahmanyam	B. V. Subrahmanyam	B. V. Subrahmanyam	B. V. Subrahmanyam
9	E. V. P. Chandu	Mech	E. V. P. Chandu	E. V. P. Chandu	E. V. P. Chandu	E. V. P. Chandu	E. V. P. Chandu	E. V. P. Chandu
10	E. Venkateswara Rao	Mech	E. Venkateswara Rao	E. Venkateswara Rao	E. Venkateswara Rao	E. Venkateswara Rao	E. Venkateswara Rao	E. Venkateswara Rao
11	V. Naveen Kumar	Mech	V. Naveen Kumar	V. Naveen Kumar	V. Naveen Kumar	V. Naveen Kumar	V. Naveen Kumar	V. Naveen Kumar
12	V. Satyam	Mech	V. Satyam	V. Satyam	V. Satyam	V. Satyam	V. Satyam	V. Satyam
13	T. Ram Lakshmi	Mech	T. Ram Lakshmi	T. Ram Lakshmi	T. Ram Lakshmi	T. Ram Lakshmi	T. Ram Lakshmi	T. Ram Lakshmi
14	S. Sushil Kumar	Mech	S. Sushil Kumar	S. Sushil Kumar	S. Sushil Kumar	S. Sushil Kumar	S. Sushil Kumar	S. Sushil Kumar
15	D. Venkatesh	Mech	D. Venkatesh	D. Venkatesh	D. Venkatesh	D. Venkatesh	D. Venkatesh	D. Venkatesh
16	T. N. V. Ashok Kumar	Mech	T. N. V. Ashok Kumar	T. N. V. Ashok Kumar	T. N. V. Ashok Kumar	T. N. V. Ashok Kumar	T. N. V. Ashok Kumar	T. N. V. Ashok Kumar
17	P. Sushil	Mech	P. Sushil	P. Sushil	P. Sushil	P. Sushil	P. Sushil	P. Sushil
18	K. Kamal	Mech	K. Kamal	K. Kamal	K. Kamal	K. Kamal	K. Kamal	K. Kamal
19	A. Bin	Mech	A. Bin	A. Bin	A. Bin	A. Bin	A. Bin	A. Bin
20	S. Sushil	Mech	S. Sushil	S. Sushil	S. Sushil	S. Sushil	S. Sushil	S. Sushil
21	G. Pavani	Mech	G. Pavani	G. Pavani	G. Pavani	G. Pavani	G. Pavani	G. Pavani
22	C. Chandra Rao	Mech	C. Chandra Rao	C. Chandra Rao	C. Chandra Rao	C. Chandra Rao	C. Chandra Rao	C. Chandra Rao
23	A. Phalguni	Mech	A. Phalguni	A. Phalguni	A. Phalguni	A. Phalguni	A. Phalguni	A. Phalguni
24	G. Krishna Kumar	Mech	G. Krishna Kumar	G. Krishna Kumar	G. Krishna Kumar	G. Krishna Kumar	G. Krishna Kumar	G. Krishna Kumar
25	...							

A. Bin
 Programme Co-ordinator



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)
Telephone No: 08812-230840, 230565, Fax: 08812-224193
Website: www.sircrrengg.ac.in

REPORT ON FACULTY DEVELOPMENT PROGRAMME ON "Best Practices for 3D Printing"

A 6 days Faculty development programme on "Best Practices for 3D Printing" was successfully conducted in the Sir C R Reddy College of Engineering campus, on 7th – 12th August 2022 by Mechanical department.

The programme was inaugurated in the morning at the library seminar hall on 7th August 2022 by hands of Dr. K Venkateswara Rao garu (Principal), Dr. K Rambabu garu (Head of the Department), Sri P Rajesh garu (Assistant Professor, Ramachandra College of Engineering), Mrs. Ch Lakshmi Poornima garu (Assistant Professor, Sir C R Reddy College of Engineering). In the inaugural speech, Dr. K Rambabu garu welcomed the Honorable Speakers, Sri V Naveen Kumar garu introduced the guest speaker.

On the first three days of the FDP (7th – 9th August) Sri P Rajesh garu introduced about additive manufacturing, advanced 3D-printing technologies and also explained about design for additive manufacturing, process parameters and selection. Later, he explained about 3D printing of shape memory alloys, Electron Beam Additive Manufacturing, data file formats and software tools for additive manufacturing.

The next three days of the FDP (10th - 12th August) Mrs. Ch Lakshmi Poornima garu discussed about FDM based Additive Manufacturing, additive manufacturing in biomedical, Wire Arc Additive Manufacturing. Later, she explained about polymers of 3D printing, post processing requirements and techniques and 3D printing of metals and applications.

The FDP ended with a feedback session and distributing participating certificates. Sri Sk Saleem garu proposed vote of thanks to all the participants.



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Dr. K. Lalit Narayan of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. B. S. S.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL




SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Dr. Mr. Sri Rama Murthy of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Best Practices for 3D Printing" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 07-08-2022 to 12-08-2022.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL




SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Dr. K. Sunil Babu Kumar of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Dr. T. Rama Krishna of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. M. S. S.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. SRI D. Satyanarayana of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing " organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. S. S. S.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL




SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify, that Mr. / Ms. Sri E. Venkateswara Rao of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing " organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri. K. V. P. D. Chandra of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. V. P. D. Chandra
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL




SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri. B. Subrahmanyam of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Mrs. Ch. Lakshmi Prasanna of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. S. Reddy
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Dr. Lakshmi Narasimha Rao of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. S. Srinivas
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri. Ch. Chandra Babu of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. R. Reddy
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri Dr. Srinivasa Rao of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. S. S. S.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri M. Naveen Kumar of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. Suresh Babu
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri S. Daniel Ephraim Babu of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. M. S. S.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL




SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Ms. Anu Rajani of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri Teniwa Ashok Kumar of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. S. S. S.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. SK. Saleem of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

[Signature]
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Ch. Phani Kumar of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

K. Venkatesh
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Mr. S. Puspana Kumar of Mechanical Department has participated in the Six Day Faculty Development Program on "Best Practices for 3D Printing" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-08-2022 to 12-08-2022.

R. J. S. S.
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

R. J. S. S.
PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada, Accredited by NBA

FIRST YEAR ENGINEERING DEPARTMENT

NOTICE

Date: 12-08-2022

It is to inform all the Department staff members that "A 5-day Faculty Development Program on Enhancing Problem Solving Skills Strategies For Teaching Efficiently" is going to be organizing from 22-08-2022 to 26-08-2022.

Hence all the interested staff members are advised to participate in this program and get benefited and inform to your colleagues in other colleges.


HOD -FED

HEAD
First Year Engineering Department
Sir C.R. Reddy College of Engineering
ELURU-534 607

A FIVE DAYS FDP PROGRAM-IE ON
Enhancing Problem Solving Skills, Strategies for Teaching Efficiently
(Offline Mode)

Organized by

First Year Engineering Department
Sir C R Reddy College of Engineering

Day wise Schedule(22/08/2022 to 26/08/2022)

Date\Time	22-08-2022	23-08-2022	24-08-2022	25-08-2022	26-08-2022
9AM- 9.30AM	Inauguration	Recap of the Previousday	Recap of the Previousday	RecapofthePrevi ous day	RecapofthePre viousday
9.30AM-12Noon	Session 1- :Introduction to Problem solving Skills in Teaching.	Session- 3:Critical Thinking skills	Session-5: Communication skills-Creative Thinking	Session- 7:Student Centered Methods to a Effective Lecture	Flipped Learning Methodology
12Noon-1PM	ArticleDiscussion*	ArticleDiscus sion**	ArticleDiscussion	ArticleDiscu ssion	
1PM – 2PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
2PM- 4.30PM	Session-2: Effective Teaching Aides-student learning Methods	Session – 4: Usage of ICT Tools	Session-6: Visualization methods	Session-8: Colloborative Learning	Feed Back,MCQ,
4.30PM- 5.30PM	Effective Teaching Aides-student learning Methods	Usage of ICT Tools	Visualization methods	Colloborative Learning	Valedicto rysession


HOD-FED

HEAD
First Year Engineering Department
Sir C.R. Reddy College of Engineering
ELURU-534 007

SIR C R REDDY COLLEGE OF ENGINEERING

First Year Engineering Department
REGISTRATION CUM NOMINATION FORM
(Photocopies may be used for additional

participants) A Five day Faculty Development Program
on **"Enhancing Problem solving skills, strategies
for Teaching Efficiently"**
(22-08-2022 to 26-02-2022)

1. Name:
2. Designation:
3. Department:
4. Qualification:
5. Experience (Yrs):
6. College Name:
7. Mobile No:
8. E-mail address:

Mr./Ms./Dr. _____ from
_____ is hereby
permitted to attend the Faculty Development Program
(FDP) on **"Effective Problem solving skills,
strategies for Teaching Efficiently"** at Sir C R Reddy
College of Engineering, Eluru from 22 Aug 2022 – 26
Aug 2022.

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

Sri Dr.M.B.S.V.Prasad, Secretary
Sri Jasti Mallikharjunudu, Correspondent.

Patrons:

Dr. K.Venkateswara Rao, Principal

Convener:

Dr. Sk. Sadik
Head of Department
First Year Engineering Department
Ph: +91 8331996699

Co-ordinator: Mrs.M.Durga Ratnam
Asst. Prof., Department of Mathematics
Ph: +917569806880

Organizing Committee:

Dr. K.Ramanjaneyulu, Assoc.Professor
Mr.M.Veeranjaneyulu, Asst. Prof
Mr.A.Srinivas, Asst. Prof
Mr. Shake Baji, Asst. Prof
Mr. L. Swetha, Asst. Prof

A Five day Faculty Development Program on
**"Enhancing Problem solving skills, strategies
for Teaching Efficiently"**

22-08-2022 to 26-08-2022
Organized by First Year Engineering
Department



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari Dist, A.P., India
(Approved by AICTE, New Delhi & Permanently affiliated
to JNTUK, Kakinada)

ABOUT THE INSTITUTE

Sir C. R. Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE). This College is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C. R. Reddy College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and magnanimous management. The last two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE & VALUE BASED EDUCATION' to the student community.

The College is situated near Vatluru railway gate in Eluru, the Head Quarters of West Godavari district. It is surrounded by beautiful paddy fields and is on Chennai-Howrah highway and train route. A large number of buses and trains run via this town. It is easily accessible from any part of the country by rail as well as road.

The College is located in its own sprawling campus with an area of 30.48 acres. Its magnanimous infrastructure and greenery attracts the attention of people who pass by. The vast green campus housing several Departments provides a stimulating environment to the high caliber staff and students of the institution.

The Campus at Vatluru is a place where students from all walks of life are under a single umbrella pursuing their BE/B.Tech, M.Tech and MBA courses.

ABOUT THE DEPARTMENT

The first-year engineering department was established in 1989. The first year of engineering is the beginning of the professional career; therefore, the department is very concerned about the teaching and learning process and the overall result of the students. The motto of our department is to equip students with better academic skills and discipline so that they can serve the nation as good people. In addition to the subjects of study, we provide one extra lecture per week for each subject to complete the curriculum and conduct extra tutorials so that students can grasp the material comfortably. Everest College of Engineering & Technology's Applied Science Department, which is the foundation for all engineering majors, provides future technocrats in all disciplines with a high-quality education in applied science (mathematics, physics, environmental chemistry, etc.) and encourages students to think innovatively. The department also provides students with new and revised internal manuals and questionnaires for various disciplines. The department has well-equipped classrooms, a drawing room, and laboratories for physics and chemistry.

About the FDP:

This Five day Faculty Development Program spans a diverse array of topics, empowering educators in effective teaching and problem solving strategies. The problem-solving method is a highly effective teaching strategy that is designed to help students develop critical thinking skills. It involves providing students with real-world problems and challenges that require them to apply their knowledge, skills, and creativity to find solutions.

Resource Persons:



Dr. A. Chitti Babu, Assoc. Professor
Ramachandra College of Engineering

Eligibility: The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry etc.

Selection: The number of Participants is limited to 45 and will be selected on the first-come, first-served basis. The selected candidates will be intimated through e-mail only.

Certificate: Certificate to the participants will be issued on successful completion of the FDP.

Registration Fee: Rs.1350/-.

Form for Registration:

Note: Last date for registration is 20-08-2022.



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
West Godavari District, A.P., INDIA
APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

Attendance List of Participants

Name of the Department: FIRST YEAR ENGINEERING DEPARTMENT
Name of the Programme: ENHANCING PROBLEM SOLVING SKILLS STRATEGIES FOR TEACHING EFFICIENTLY
Dates of Programme: 22.08.2022 - 26.08.2022

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt:	Dt:	Dt:	Dt:	Dt:
1	A. Srinivas	FED					
2	S. Sree Rajesh	FED					
3	K. Gangadhara Rao	FED					
4	V. Vijaya Lakshmi	FED					
5	P. Venkata Vasavi	FED					
6	Sk. Baji	FED					
7	P. Vijaya Lakshmi	FED					
8	P. Anitha Vijaya Sri	FED					
9	M. Durga Ratnam	FED					
10	S. Ravi Kumar	FED					
11	V. Ravi Kiran	FED					
12	D. Eppanga Bhavani	FED					
13	L. Swetha	FED					
14	D. Chowdeswari	FED					
15	B. Devi Naga Prasanna	FED					
16	K.V. Uma Kausa Devi	FED					
17	M. Anand Kumar	FED					
18	R. Pavan Kumar	FED					
19	Sushma Pattnaik	FED					
20	S. Sreeshha	FED					
21	V. Pravalika	FED					
22	K. Madhavi	FED					
23	D. Anusha	FED					
24	K. Bharati	FED					
25	K. Vijaya	FED					

Programme Co-ordinator

SIR C. R. REDDY COLLEGE OF ENGINEERING, ELURU

FIRST YEAR ENGINEERING DEPARTMENT



FIVE-DAYS FACULTY DEVELOPEMENT
PROGRAMME ON
Enhancing Problem Solving Skills
Strategies for Teaching Efficiently

From 22/08/2022 to 26/08/2022

Dr. A. CHITTI BABU

Assistant Professor(C)

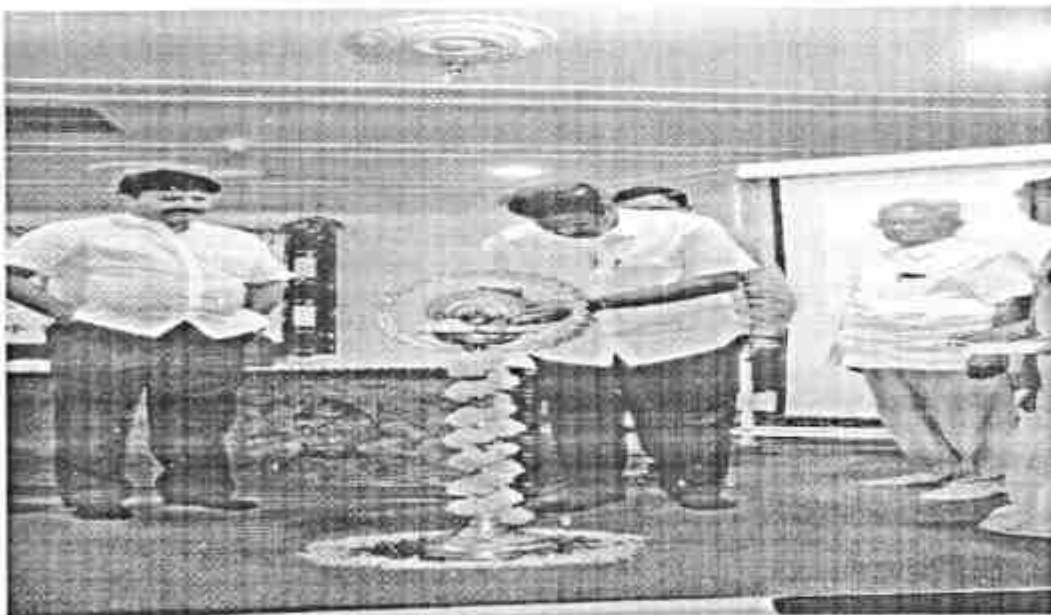
Krishna Univesity



REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
"Enhancing Problem solving skills, strategies for Teaching Efficiently"
(22-08-2022 to 26-02-2022)

The faculty development programme started on 22nd August 2022 at 9:00 am with Jyothi Prajwalana. There were external participants from different colleges and institutes and around 31 participants are attended this FDP.

The dignitaries on the stage were Mr. Kommareddy Rambabu garu, President of Sir C R R Educational Institutions and Correspondent of Sir C R Reddy College of Engineering, Mr. N.V.K. Durgarao garu, Secretary of Sir C R R Educational Institutions.



JyothiPrajwalana by Chief Guests for the Inaugural Session of the FDP .

Opening remarks for the FDP were given by Chief Guests, which was followed by an introduction to the programme by Mr. A.Chitti Babu, Asst. Professor in Ramchandra College of Engineering. In this session he mainly focussed on the Introduction to Problem Solving skills in Teaching. Problem-solving skills are not only essential for academic success but also for navigating life's challenges. As educators, we can inspire students to become effective problem solvers!

Introduction to the FDP and highlights of the topic by Mr.A.Chitti Babu. Thereafter, the message from Honourable Founder President was read out by K. Rambabu garu. The programme progressed with the inaugural lecture at 9:30 am by Y. Anjani in which he mainly focussed on the primary goal of instructional design is to ensure that learners grasp the content efficiently, improving their understanding and performance¹. She also played a video on the activities. The next speaker was Sri. G.Ram Mohan Rao, Head of the First Year Engineering Department in Sir C R Reddy College of Engineering. He mainly spoke about the different areas of the topic which was followed by a brain storming session.



Addressing all the Participants who are attending the FDP by Sri. G.Ram Mohan Rao, Head of the First Year Engineering Department in Sir C R Reddy College of Engineering.

The second day started off with the lecture of Mr.A.Chitti Babu Continued a Lecture on Remember, instructional design is about creating engaging and

effective learning experiences, ensuring learners acquire knowledge on Problem solving skills.

This led to the end of the series of lectures in the five days programme. A concluding session followed after the tea break in which participants shared their experiences. Participants sharing their experiences Certificate distribution at the concluding session Most of them talked about their enriching experience at the FDP. Thereafter FDP by Sri. G.Ram Mohan Rao, gave his concluding remarks and distributed the certificates to the external participants. In the end Mrs .V. Vijaya Lakshmi gave the vote of thanks and concluded the five days faculty.

DATE : 22/08/2022

DAY:1

SESSION :1

In this session the speaker mainly focus on the Introduction to Problem Solving skills in Teaching

Certainly! Let's explore the **problem-solving skills** in the context of teaching. As educators, fostering problem-solving abilities in students is crucial for their overall development. Here are some key points:

1. **What is Problem Solving and Why is it Important?**

- **Problem solving** is a fundamental life skill that we use daily, both personally and professionally.
- It involves identifying a problem, developing potential solutions, and taking appropriate action.
- For instance, consider the scenario of needing to go to the store while it's raining. There are various ways to solve this problem: using an umbrella, driving, taking the bus, calling a friend, or postponing the trip.
- Good problem-solving skills empower individuals in their personal lives and are critical for success in the fast-changing global economy.

2. **Teaching Problem-Solving Skills:**

- As educators, we can play a vital role in nurturing problem-solving abilities in students.
- Here are some principles to consider:
 - **Model a Useful Problem-Solving Method:** Demonstrate effective problem-solving strategies to students.
 - **Teach Within a Specific Context:** Relate problem-solving skills to real-world scenarios relevant to the subject being taught.
 - **Help Students Understand the Problem:** Encourage students to analyze problems thoroughly before attempting solutions.
 - **Take Enough Time:** Allow students sufficient time to explore different approaches.
 - **Ask Questions and Make Suggestions:** Guide students through the problem-solving process.

3. **Problem-Based Learning (PBL):**

- PBL is a student-centered approach where learners engage with complex, open-ended problems.
- These problems mirror real-world challenges and encourage students to apply principles and concepts.

Remember, problem-solving skills are not only essential for academic success but also for navigating life's challenges. As educators, we can inspire students to become effective 'problem solvers! □□□

Session :2

In this session the speaker mainly focus on the **EFFECTIVE TEACHING AIDES-** student learning Methods

Effective teaching aides can significantly enhance student learning by catering to various learning styles and providing engaging, interactive experiences. Here are some methods and teaching aids that can be effective in facilitating student learning:

Visual Aids: Visual aids such as charts, graphs, diagrams, and maps can help students understand complex concepts more easily. They provide a visual representation that complements verbal explanations and appeals to visual learners.

Interactive Whiteboards: Interactive whiteboards allow teachers to present information dynamically. They can incorporate multimedia elements such as videos, animations, and interactive quizzes, making the learning experience more engaging and interactive.

Hands-on Activities: Hands-on activities encourage active learning and help reinforce theoretical concepts. Activities like experiments, simulations, and group projects allow students to apply what they have learned in a practical context, fostering deeper understanding and retention.

Educational Games: Educational games make learning fun and interactive. They can be used to reinforce specific skills or concepts in subjects like mathematics, language arts, and science. Games encourage healthy competition, collaboration, and critical thinking skills development.

Visual Presentations: PowerPoint presentations or similar visual aids can help structure lessons and convey information in a clear and organized manner. They can include text, images, and multimedia elements to cater to different learning preferences.

Digital Learning Platforms: Learning management systems (LMS) and online educational platforms offer a wide range of resources and tools to support student learning. These platforms can host course materials, assignments, quizzes, and discussions, providing flexibility for both students and teachers.

Graphic Organizers: Graphic organizers, such as concept maps, mind maps, and flowcharts, help students organize information visually. They facilitate understanding of relationships between concepts and aid in summarizing and synthesizing information.

Modeling and Demonstrations: Models, simulations, and demonstrations provide concrete examples that help students visualize abstract concepts. They can be particularly effective in subjects like science and mathematics, where students can observe phenomena or experiments firsthand.

Peer Teaching and Collaborative Learning: Peer teaching and collaborative learning activities encourage active participation and peer-to-peer knowledge sharing. Students learn from each other's perspectives, build communication skills, and develop a deeper understanding of the subject matter.

Feedback and Assessment Tools: Feedback and assessment tools, such as quizzes, polls, and surveys, help gauge student understanding and provide timely feedback for improvement. Formative assessment techniques can identify areas where students may need additional support or clarification.

SESSION : 4

In this session the speaker mainly focus on the Usage of ICT Tools

ICT tools (Information Communication Technology tools) encompass a wide range of digital infrastructures and techniques used for communication, information processing, and teaching. Let's delve into the advantages and disadvantages of these tools:

1. Advantages of ICT Tools:

- **Cost-Efficient:** ICT tools provide cost-effective solutions for managing student records, classroom activities, and communication.
- **Direct Classroom Teaching:** Teachers can enhance their lessons using graphics, videos, and interactive content.
- **Improved Communication:** ICT facilitates communication between teachers, students, researchers, and scholars.
- **Eco-Friendly:** By reducing paper usage, ICT tools contribute to environmental conservation.
- **Better Teaching and Learning Methods:** Engaging activities and multimedia resources enhance the learning experience.
- **Promoting Digital Culture:** ICT fosters a tech-savvy environment in educational institutions.
- **Automated Solutions:** ICT streamlines manual administrative processes.

2. Disadvantages of ICT Tools:

- **Unemployment:** While ICT streamlines business processes, it can lead to job redundancy.
- **Lack of Security/Privacy:** Concerns about privacy and security arise due to hacking, interception, and malware.
- **Cyber Bullying:** Social media platforms enable cyberbullying, impacting users globally.
- **Reliance on Technology:** Overreliance on technology may hinder critical thinking and creativity.
- **Preparation Time:** Implementing ICT tools requires planning and preparation.

Remember that a balanced approach, critical evaluation, and continuous learning are essential when integrating ICT tools in education.

DATE : 24/08/2022

DAY: 3

SESSION : 5

In this session the speaker mainly focus on the Communication skills - Creative Thinking

Creative thinking is the ability to approach a problem or challenge from a **new perspective, alternative angle**, or with an **atypical mindset**. It involves thinking outside the box, exploring techniques from different disciplines, and creating space for new ideas to emerge through dialogue, experimentation, or reflection. Creative thinkers often drive change, solve complex problems, and develop innovative concepts. Here are some key aspects of creative thinking:

1. **Benefits of Creative Thinking:**

- **Innovation:** Creative thinkers contribute fresh ideas and solutions.
- **Problem-Solving:** They tackle challenges from unique angles.
- **Happiness and Productivity:** Creativity enhances job satisfaction and resilience.
- **Diverse Thinking:** Creative approaches promote diverse perspectives.
- **Better Relationships:** Creative communication fosters understanding.

2. **Creative Thinking Skills:**

- **Brainstorming:** Generate ideas collaboratively.
- **Lateral Thinking:** Explore unconventional connections.
- **Mind Mapping:** Visualize concepts and relationships.
- **Metaphorical Thinking:** Use metaphors to gain insights.
- **Analogical Thinking:** Apply lessons from unrelated domains.
- **Critical Thinking:** Evaluate ideas objectively.
- **Curiosity:** Ask questions and explore.
- **Flexibility:** Adapt to changing situations.
- **Open-Mindedness:** Embrace diverse viewpoints.

3. **Applying Creative Thinking at Work:**

- **Problem-Solving:** Use lateral thinking to find novel solutions.
- **Collaboration:** Engage in creative brainstorming sessions.
- **Communication:** Inspire others with fresh ideas.
- **Perspective Shifts:** View challenges from different angles.
- **Experimentation:** Try new approaches.

Remember, creative thinking needn't be explosive or radical—it can be a subtle shift in mindset that leads to meaningful change.

SESSION : 6

In this session the speaker mainly focus on the Visualization methods

Certainly! Let's explore some **data visualization techniques** that can help you effectively present information and gain insights:

1. **Pie Chart:**
 - Ideal for illustrating proportions or part-to-whole comparisons.
 - Simple and easy to read.
 - Best suited for audiences unfamiliar with the data or interested in key takeaways¹.
2. **Bar Chart:**
 - Compares categories based on measured values.
 - Classic and widely used.
 - One axis shows categories, and the other shows the value¹.
3. **Histogram:**
 - Displays the distribution of continuous data.
 - Useful for understanding frequency or density of values within intervals.
4. **Gantt Chart:**
 - Visualizes project schedules and tasks over time.
 - Shows task durations and dependencies¹.
5. **Heat Map:**
 - Represents data using color intensity.
 - Useful for showing patterns or correlations in large datasets¹.
6. **Box and Whisker Plot:**
 - Displays statistical summary (median, quartiles, outliers) of a dataset.
 - Helps identify variability and skewness¹.
7. **Waterfall Chart:**
 - Illustrates cumulative effect of positive and negative values.
 - Commonly used for financial analysis¹.
8. **Area Chart:**
 - Shows trends over time.
 - Useful for visualizing cumulative data¹.
9. **Scatter Plot:**
 - Displays relationships between two variables.
 - Each point represents a data point².
10. **Pictogram Chart:**
 - Uses icons or symbols to represent quantities.
 - Engaging and intuitive for conveying information¹.

Remember, the choice of visualization technique depends on your data type, context, and the story you want to tell.

DATE: 25/08/2022

DAY: 4

SESSION: 7

In this session the speaker mainly focus on the **STUDENT CENTERED METHODS TO A EFFECTIVE LECTURE**

Certainly! When designing an effective lecture, it's essential to adopt a **student-centered approach** that actively engages learners. Here are some strategies to create impactful lectures:

1. **Chunking and Interactivity:**
 - Break your lecture into **5-15 minute segments** to maintain student attention.
 - **Intersperse active learning exercises** within these segments. For example, pause for a brief discussion, pose questions, or use clicker-based quizzes to involve students¹.
2. **Stop Being the Sole Expert:**
 - While you must know the content well, avoid acting as the sole authority.
 - Encourage student exploration and inquiry. Let them discover concepts and engage in problem-solving².
3. **Strategic Questions:**
 - Plan thought-provoking questions that stimulate critical thinking.
 - Encourage students to reflect, analyze, and apply their knowledge during the lecture².
4. **Cooperative Learning Structures:**
 - Foster collaboration among students.
 - Use group activities, peer teaching, or small-group discussions to enhance understanding and retention².

Remember, an effective lecture goes beyond content delivery—it actively involves students, encourages their curiosity, and promotes deeper learning.

DATE : 26/08/2022

DAY:5

SESSION: 9

In this session the speaker mainly focus on the **FLIPPED LEARNING METHODOLOGY**

Flipped learning, also known as **flipped classrooms**, is an innovative pedagogical approach that **reverses the traditional teaching method**. Instead of the teacher leading learning during class time, responsibility is shifted to the students. Here are the key points about flipped learning:

1. **What Is Flipped Learning?:**

- In a flipped classroom, students engage with **digitized or online lectures as pre-class homework**.
- During in-class time, they actively participate in **discussions, peer teaching, presentations, projects, problem-solving, computations, and group activities**.
- Essentially, the strategy “flips” the typical content presentation: class time becomes interactive, and homework involves problem sets or collaborative work¹.

2. **Theoretical Support for Flipped Learning:**

- **Constructivist Theory:** Active learning allows students to **build upon pre-existing cognitive frameworks**, leading to deeper understanding.
- **Memory Prioritization:** Students incorporate foundational information into long-term memory before class, reducing cognitive load during in-class activities.
- **Intra- and Interpersonal Skills:** Classroom activities in the flipped model can intentionally teach valuable skills¹.

3. **Research and Effectiveness:**

- The research literature on flipped learning has grown significantly since 2012.
- A comprehensive meta-analysis of flipped pedagogies in higher education contexts found that flipped classrooms can be effective.
- However, effectiveness depends on various factors, including context and discipline¹.

In summary, flipped learning encourages active student engagement, deeper understanding, and skill development. It's a learner-centered approach that empowers students to take charge of their own learning journey.

SESSION :8

In this session the speaker mainly focus on the **COLLABORATIVE LEARNING**

Collaborative learning is an educational approach that leverages **group dynamics** to enhance learning. In collaborative learning, **two or more learners work together** to solve problems, complete tasks, or grasp new concepts. Here are some key points about collaborative learning:

1. Definition of Collaborative Learning:

- Collaborative learning actively engages learners to **process and synthesize information**.
- It goes beyond rote memorization by encouraging learners to work together, defend their positions, reframe ideas, and articulate their viewpoints.
- Through collaboration, learners gain a **more complete understanding** than they would as individuals.

2. Collaborative vs. Cooperative Learning:

- **Cooperative learning** is a subset of collaborative learning.
- In cooperative learning, participants are responsible for their own learning and the success of the group.
- Roles and structures are predefined, akin to a theater production where interconnected roles support each other under a director's oversight.
- In collaborative learning, individual participants take responsibility for team success, but roles, resources, and organization are left up to them.
- Think of junior developers in software development: Each has a separate role, but the group's success depends on everyone performing their part properly.

3. Benefits of Collaborative Learning:

- **Innovation:** Fresh ideas emerge from group interactions.
- **Problem-Solving:** Diverse perspectives lead to novel solutions.
- **Happiness and Productivity:** Collaborative environments enhance satisfaction.
- **Diverse Thinking:** Exposure to different viewpoints fosters creativity.
- **Better Relationships:** Communication and teamwork skills improve.

Remember, collaborative learning encourages active participation, shared responsibility, and a richer learning experience.



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. A. Srinivas

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sh Sankar
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. S. Sree Rajesh

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sanku
HOD FED

K. Venkatesh
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. K. Jangadhara Rao

for Successful completion of five days Faculty Development Programme on
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. S. Sankar
HOD FED

K. Venkatesh
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. V. Vijaya Lakshmi

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

K. Sankar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. P. Venkata Vasavi

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

P. Venkata Vasavi
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. Shake Baji

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sr Sanku
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. P. Vijaya Lakshmi

for Successful completion of five days Faculty Development Programme on
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

P. Venkatesh
Principal
Sir C R Reddy College of Engineering
Eluru



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. P. Anitha Vijaya Sri

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

K. Venkatesh
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. M. Durga Ratnam

for Successful completion of five days Faculty Development Programme on-
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sh Sanku
HOD FED

Prakash Kumar
PRINCIPAL
Principal

Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. S. Ravi Kumar

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.03.2022

S. Sankar
HOD FED

S. Sankar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. V. Ravi Kiran

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

K. Venkatesh
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. D. Jyanga Bhavani

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

K. Venkateswara
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. Swetha Lanka

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sri Sanku
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



14
SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. D. Choudeswari

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sr Sanku
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. Devi Naga Jyamma B

for Successful completion of five days Faculty Development Programme on
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sh Sanku
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. K.V. Uma Karuna Devi

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sr Sanku
HOD FED

K. Venkateswara Reddy
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. M. Anand Kumar

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. R. pavan kumar

for Successful completion of five days Faculty Development Programme on
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sr Sashi
HOD FED

[Signature]
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
Eluru - 524 002



19
SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. Sushma Patnaik

for Successful completion of five days Faculty Development Programme on
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sh Sashi
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. S. Sireesha

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

S. Sankar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. V. Pravalika

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. S. Sankar
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. L. Madhavi

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sh Sanku
HOD FED

[Signature]
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



23

SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. D. Anusha

for Successful completion of five days Faculty Development Programme on
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. S. Sankar
HOD FED

K. Venkatesh
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. K. Bharathi

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sh Sanku
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. *K. Vijana*

for Successful completion of five days Faculty Development Programme on
“Enhancing Problem Solving Skills Strategies for Teaching Efficiently” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sr Sanku
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering



SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. K. Karjanjali

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

Sr Sanku
HOD FED

K. Venkateswara
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007



27

SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

Prof./Dr./Mr./Mrs./Ms. J. Lakshmi Jhansi

for Successful completion of five days Faculty Development Programme on
“*Enhancing Problem Solving Skills Strategies for Teaching Efficiently*” at
Sir C.R.Reddy College of Engineering in FED from 22.08.2022 - 26.08.2022

S. Sankar
HOD FED

Prakash Kumar
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007

SIR C.R. REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

Notice

Date: 01-10-2022

It is to inform all the Staff that "A 5day Faculty Development Program on Machine Learning Applications on Image Processing" by M VIJAYA SUDHA, Assistant Professor, Department of Computer Science Engineering, Ramachandra College of Engineering – Eluru, is going to organize from 10th to 14th October 2022. Hence all the staff is advised to make utilize this opportunity.



HOD.

HEAD OF THE DEPARTMENT
Information Technology
Sir C.R.R. College of Engg.
ELURU-534 007.

FDP Program: Machine Learning Applications on Image Processing
Day wise schedule
Offline in SIR C R REDDY COLLEGE OF ENGINEERING
(10th – 14th October 2022)

22/02/2021	23/02/2021	24/02/2021	25/02/2021	26/02/2021
9.00AM– 9.30 AM				
Inauguration	9.30AM–11.00AM	9.30AM– 11.00AM	9.30AM– 11.00AM	9.30AM– 11.00AM
9.30AM– 11.00AM	Working of Machine Learning Image Processing	<ul style="list-style-type: none"> • Huge library of image processing algorithms • Open Source + Great Community 	<ul style="list-style-type: none"> • Works with GPUs • Cross-Platform 	<ol style="list-style-type: none"> 1. Convolutional Layer 2. Pooling Layer 3. Fully Connected Layer
What is Image Processing and Why is it Important				
11.00AM–01.00PM	11.00AM–01.00 PM	11.00AM–01.00 PM	11.00AM–01.00 PM	11.00AM–01.00 PM
ML image processing techniques	Libraries and Frameworks for Machine Learning Image Processing	<ul style="list-style-type: none"> • Works on both images and videos • Java API Extension 	Deep Learning Image Processing	INDUSTRIALVISIT
01.00PM-02.00 PM	01.00PM-02.00 PM	01.00PM-02.00 PM	01.00PM-02.00 PM	01.00PM-02.00PM
LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
02.00PM– 3.00PM	02.00PM– 3.00PM	02.00PM– 3.00PM	02.00PM– 3.00PM	02.00PM– 3.00PM
ArticleDiscussion	ArticleDiscussion	ArticleDiscussion	ArticleDiscussion	ReflectionJournal
03.00PM– 5.30PM	03.00PM– 5.30PM	03.00PM– 5.30PM	03.00PM– 5.30PM	03.00PM– 5.30PM
Hands-onexercises	Hands-onexercises	Hands-onexercises	Hands-onexercises	VALIEDICTORY


HOD

HEAD OF THE DEPARTMENT
 Information Technology
 Sir C.R.R. College of Engg.
 ELURU-524 007.

**SIR C R REDDY COLLEGE OF
ENGINEERING**

Department of Information Technology
REGISTRATION CUM NOMINATION FORM
(Photocopies may be used for additional participants)
A Five day Faculty Development Program on **"Machine Learning Applications on Image Processing"**
(10th to 14th October 2022)

1. Name:
2. Designation:
3. Department:
4. Qualification:
5. Experience(Yrs):
6. CollegeName:
7. MobileNo:
8. E-mailaddress:

Mr./Ms./Dr. _____ from
_____ is hereby

permitted to attend the Faculty Development Program
(FDP) on **"Machine Learning Applications on
Image Processing"** at Sir C R Reddy College of
Engineering, Eluru from **10th to 14th October 2022**

Place:

Date: _____ Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

Sri Dr. M.B.S.V. Prasad, Secretary
Sri Jasti Mallikharjunudu, Correspondent.

Patrons:

Dr. K. Venkateswara Rao, Principal

Convener:

Dr. S. Krishna Rao
Professor & HOD
Department of IT
Ph: +91 9966091919
E-mail: skrao71@gmail.com

Co-ordinator:

Dr. K. Satyanarayana
Assoc. Professor
Department of IT
Ph: +91 8985042479
E-mail: ksnarayana0505@gmail.com

Organizing Committee:

Smt. T. Satya Naga Mani, Asst Professor
Sri. N. Prasad, Asst Professor
Smt. G. Krishnaveni, Asst Professor
Sri. P. Ramaiah Chowdary, Asst Professor
Smt. B. Lalitha Bhavani, Asst Professor
Sri G. Pavan, Asst Professor

**A Five day Faculty Development Program on
"Machine Learning Applications on Image
Processing"**

10th to 14th October 2022

Organized by Department of
Information Technology



**SIR C R REDDY COLLEGE OF
ENGINEERING**

Eluru-534007, West Godavari Dist, A.P., India
(Approved by AICTE, New Delhi & Permanently affiliated to
JNTUK, Kakinada)

ABOUT THE INSTITUTE

Sir C. R. Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE). This College is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C. R. Reddy College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and magnanimous management. The last two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE & VALUE BASED EDUCATION' to the student community.

The College is situated near Vatluru railway gate in Eluru, the Head Quarters of West Godavari district. It is surrounded by beautiful paddy fields and is on Chennai-Howrah highway and train route. A large number of buses and trains run via this town. It is easily accessible from any part of the country by rail as well as road.

The College is located in its own sprawling campus with an area of 30.48 acres. Its magnanimous infrastructure and greenery attracts the attention of people who pass by. The vast green campus housing several Departments provides a stimulating environment to the high caliber staff and students of the institution.

The Campus at Vatluru is a place where students from all walks of life are under a single umbrella pursuing their BE/B.Tech, M.Tech and MBA courses.

ABOUT THE DEPARTMENT

Information Technology is the most flourishing and extremely pervasive Discipline that is witnessing an unprecedented Innovation in Technologies for Communication, Computation, and Interactivity. The Information Technology Department in SIR CRRCOE started its journey in the year 2000 with an intake of 60 students. We now have strong Undergraduate Program with an annual intake of **120 students**.

About the FDP:

The aim of this FDP is to train faculty members in the **Machine Learning Applications on Image Processing**. Subsequently, the training will help the teachers to transfer the knowledge to students in their respective institutions. The program will act as a bridge for knowledge transfer between faculty and experts in the field of **Machine Learning Applications** fields to fulfill the ongoing demands in research and academic activities.

By achieving these objectives, the FDP aims to empower participants with a comprehensive understanding of **Machine Learning Applications**, to leverage these technologies effectively in real-world applications while adhering to ethical considerations and responsible AI practices.

Resource Person:

**Smt. M VIJAYA SUDHA, Asst. Professor,
Ramachandra College of Engineering**

Eligibility: The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry etc.

Selection: The number of Participants is limited to 50 and will be selected on the first-come, first-served basis. The selected candidates will be intimated through e-mail only.

Certificate: Certificate to the participants will be issued on successful completion of the FDP.

Registration Fee: 1350/-.

Form for Registration

Note: Last date for registration is **05-10-2022**.

SIR C.R. REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

FIVE DAYS FACULTY DEVELOPMENT PROGRAM ON

"MACHINE LEARNING APPLICATION ON IMAGE PROCESSING"

(10-10-2022 TO 14-10-2022)

SNO	NAME OF FACULTY	COLLEGE NAME	DEPT	SIGNATURE				
				10-10-2022	11-10-2022	12-10-2022	13-10-2022	14-10-2022
1	Dr. Srinivas Rao	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	Dr. K. Srinivasan	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	B. Ramesh Babu	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	K. Narasimha	SRGEE	CSE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	N. Prasad	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	G. Prasad	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	Dr. G. Chandra Sekhara	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	S. Uma Sekhara	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	P. Ramalingam	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	G. Vignesh	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	J. Malathi	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	S. Padma Lakshmi	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	Y. Siva Koteswara Rao	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	P. Rajendra Kumar	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	T. Sathya Sangeetha	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	K. Srinivas Lakshmi	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	V. Kishore Kumar	CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	G. Kanishk Kumar	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	U. Pallavi	SRGEE	CSE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
20	Yallamanchi	SIR CRRCE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

21	A. Lakshminarayanan	SRGEC	IT	(A)	(B)	(C)	(D)	(E)
22	Ch. Poorna Rao	SRGEC	IT	Poorna	Poorna	Poorna	Poorna	Poorna
23	N. Durga Prasanna	Sir. C.R.R. (DE)	IT	Pa	Pa	Pa	Pa	Pa
24								
25								
26								
27								
28	*							
29								
30								


HOD.

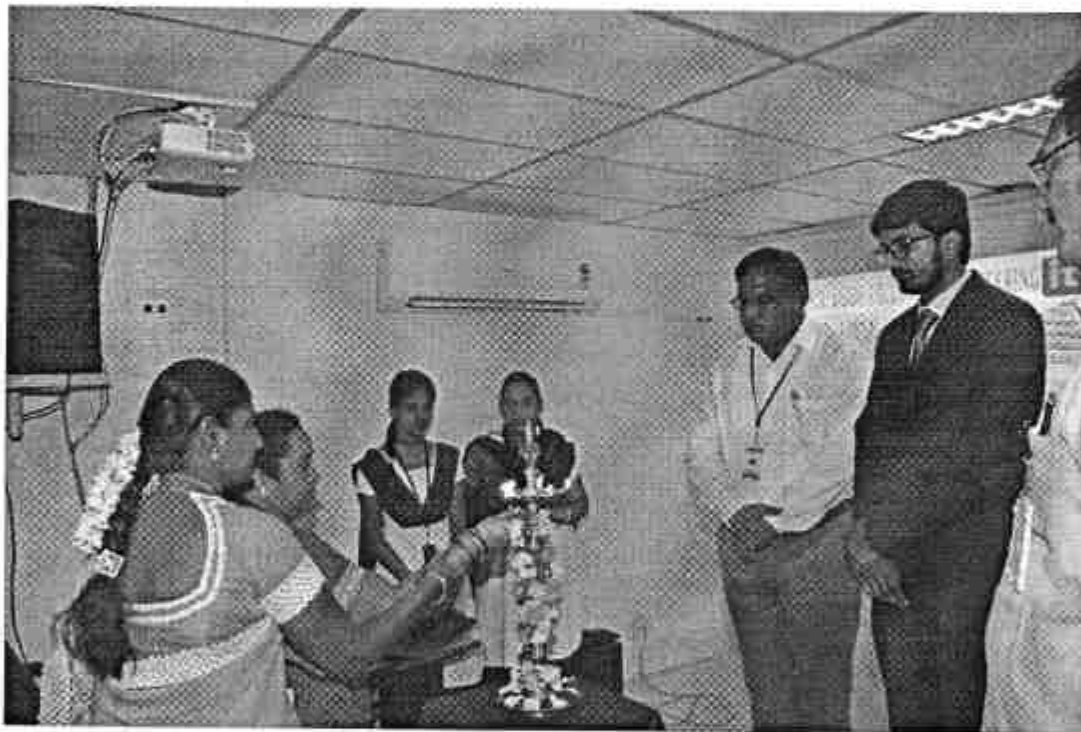
HEAD OF THE DEPARTMENT
Information Technology
Sir C.R.R. College of Engg.
ELURU-534 007.

REPORT ON FACULTY DEVELOPMENT PROGRAMME ON MACHINE LEARNING APPLICATION ON IMAGE PROCESSING

(10 OCT 2022 TO 14 OCT 2022)

The Faculty Development Programme on MACHINE LEARNING APPLICATION ON IMAGE PROCESSING commenced on October 10, 2022, with a session titled "Jyothi Prajwalana." This inaugural session marked the beginning of an enriching journey aimed at enhancing the skills and knowledge of faculty members in the domains of Machine learning application on image processing.

On the dais, we were honoured to have esteemed dignitaries whose presence added immense value to the Faculty Development Programme. Their expertise, experience, and guidance served as a beacon for all participants, illuminating the path towards a deeper understanding of applied machine learning and deep learning.



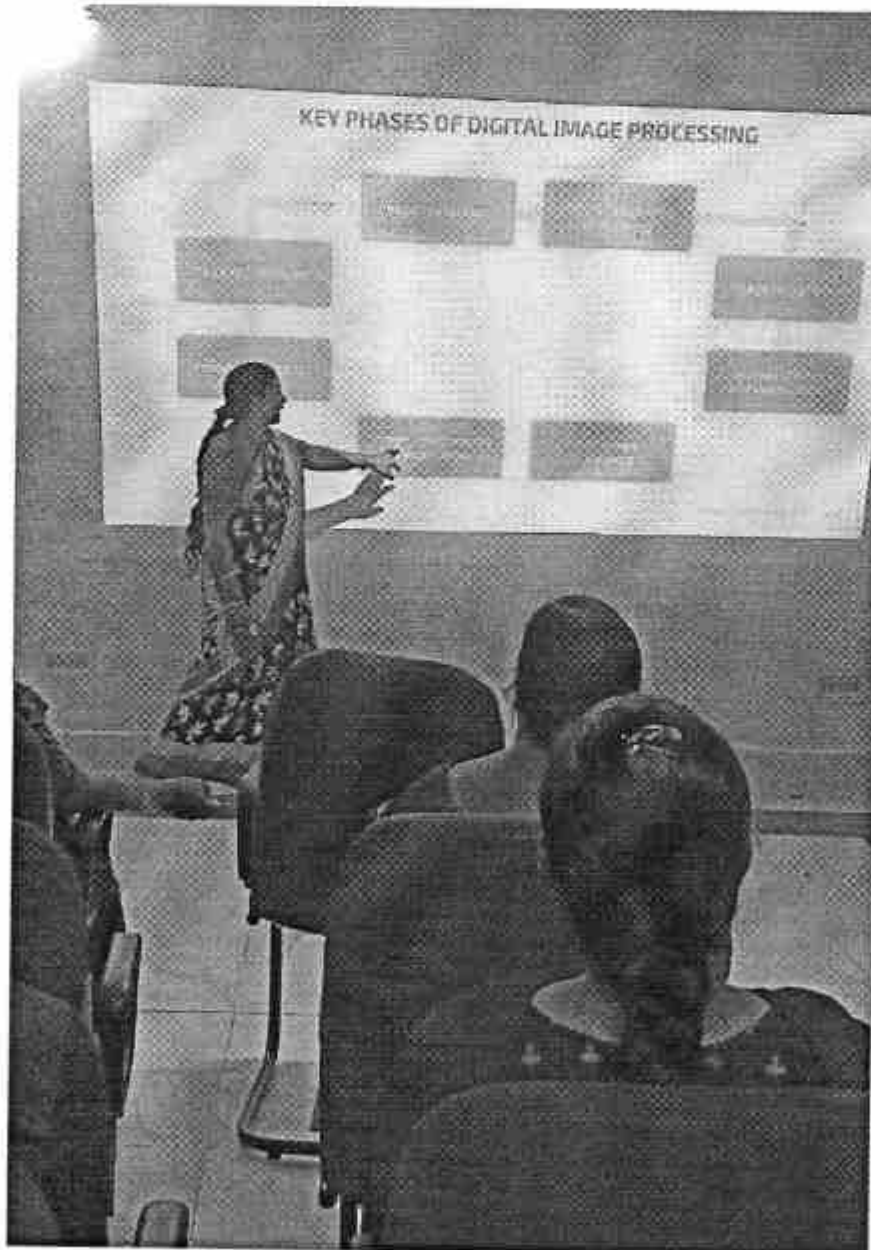
The Faculty Development Programme on Machine Learning commenced with a robust introduction and highlighted the essence of the event. Smt. M Vijaya Sudha, with her insightful commentary, paved the way for an enriching learning experience by shedding light on the significant advancements in Machine Learning. Her portrayal effectively set the stage, creating a conducive environment for all participants to delve into the intricacies of this transformative field.

Further enhancing the event's significance was the delivery of a profound message from the Honourable Correspondent, as eloquently conveyed by Sri Jasti Mallikharjunudu. This message

underscored the paramount importance of academic pursuits within the realm of Machine Learning, emphasizing the need for fostering a culture of innovation and collaboration among participants.

The inaugural lecture, delivered by Prof. Dr. S. Krishna Rao at 9:30 am, served as a beacon of knowledge, focusing primarily on the on-going material research endeavours within the domain of Machine Learning. His engaging discourse, coupled with a captivating video showcasing AI activities across various locations, provided participants with invaluable insights and inspiration, igniting a passion for exploration and discovery.

The expert session led by Smt. M Vijaya Sudha, Asst. Professor, further enriched the programme, as she shared his profound expertise in Machine Learning research. Through his insightful presentation, participants were immersed in the latest advancements in the field, sparking thoughtful discussions and paving the way for further exploration and collaboration.



Culminating the event was an interactive brainstorming session, where participants actively engaged in vibrant discussions, exchanged ideas, and explored potential avenues for collaborative research and innovation in Machine Learning. This session fostered an environment of camaraderie and shared learning, further enriching the overall experience of the FDP.

The next lecture was given by Dr. K. Satyanaraya, Associate Professor in Sir C R Reddy College of Engineering, in which he gave highlights of the various Artificial Intelligence techniques and how they are, used Real time Scenario.

In conclusion, the Faculty Development Programme on Machine Learning proved to be a resounding success, offering participants a robust platform for learning, networking, and collaboration. Through insightful lectures, engaging discussions, and hands-on activities, attendees gained invaluable knowledge and inspiration to propel themselves towards excellence in this dynamic field. A heartfelt expression of gratitude is extended to all esteemed speakers, participants, and organizers for their valuable contributions and unwavering dedication, which truly made this FDP a memorable and transformative experience for all involved.

Thereafter Prof. Dr. S. Krishna Rao, gave his concluding remarks and distributed the certificates to the external participants. In the end Smt T Satya Naga Mani, gave the vote of thanks and concluded the five days faculty development programme.




SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION


This is certified that Mr./Ms CHALLA YALLANANDA
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.




Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal






SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

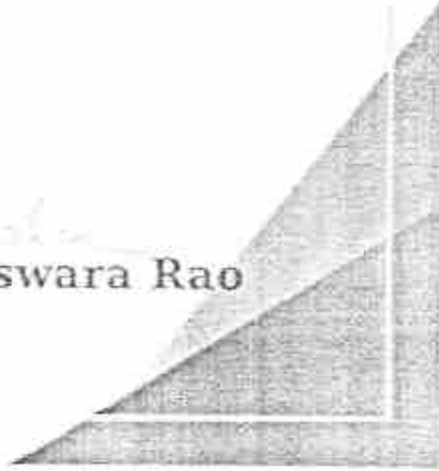
This is certified that Mr./Ms P. RATENDRA KUMAR
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal




SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms V. STIVA KOTESWARA RAO
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.

Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal




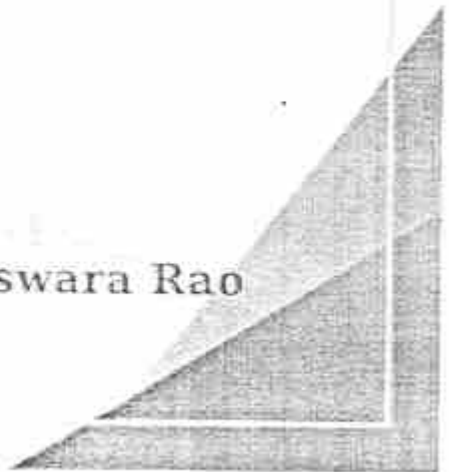
SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms G. PAVAN
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal






SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms S.UMA SESHAGIRI RAO
has participated in a 5day Faculty Developement Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms A. KOTESWARANNA
has participated in a 5day Faculty Development Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms U. PALLAVI
has participated in a 5day Faculty Developement Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms K. NANDINI
has participated in a 5day Faculty Development Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal




SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms CH. POOJA RANI
has participated in a 5day Faculty Developement Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms M. DIVYA SUMITHRA
has participated in a 5day Faculty Developement Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms N. DURGA PRASANNA
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal

)

)







SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms B. RAMESH BABU
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD




Dr. K. Venkateswara Rao
Principal

)

)





SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms Dr. S. KRISHNA RAO
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.

Dr. S. Krishna Rao
HOD

Dr. K. Venkateswara Rao
Principal







SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA (CSE, IT, ECE, EEE, MECHANICAL)

**CERTIFICATE
OF PARTICIPATION**

This is certified that Mr./Ms G. VIHARI
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal

)

)






SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

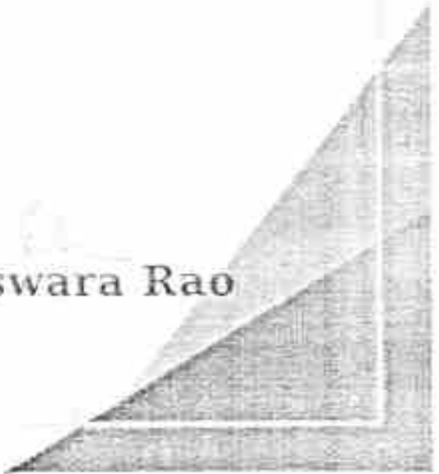
This is certified that Mr./Ms Dr. K. SATYANARAYANA
has participated in a 5day Faculty Developement Program on
“Machine Learning Application on Image Processing”
from 10th-14th October 2022, organized by Departement of
Information Technology.




Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal




 SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms. B. LALITHA BHAVANT
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.

Dr. S. Krishna Rao
HOD

Dr. K. Venkateswara Rao
Principal






SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION


This is certified that Mr./Ms Dr. G. CHAMUNDESWARI
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal






SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms Dr. N. SAMEERA
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal





SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms G. KRISHNA VENIT
has participated in a 5day Faculty Developement Program on
“Machine Learning Application on Image Processing”
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal





SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms K. PURNA PRAKASH
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal







SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION


This is certified that Mr./Ms T. SATYA NAGAMANI
has participated in a 5day Faculty Developement Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal





SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms N. PRASAD
has participated in a 5day Faculty Developement Program on
“Machine Learning Application on Image Processing”
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal







SIR C.R. REDDY COLLEGE OF ENGINEERING

APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms N.V.S.K. VITAYA LAKSHMIK
has participated in a 5day Faculty Developement Program on
“**Machine Learning Application on Image Processing**”
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal

SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms J. MALATHI
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal




SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms D. RAMAIAH CHOWDARY
has participated in a 5day Faculty Developement Program on
“Machine Learning Application on Image Processing”
from 10th-14th October 2022, organized by Departement of
Information Technology.

Dr. S. Krishna Rao
HOD

Dr. K. Venkateswara Rao
Principal





SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

This is certified that Mr./Ms V. GOPINATH
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.


Dr. S. Krishna Rao
HOD


Dr. K. Venkateswara Rao
Principal




SIR C.R. REDDY COLLEGE OF ENGINEERING
APPROVED BY AICTE & PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
ACCREDITED BY NBA(CSE, IT, ECE, EEE, MECHANICAL)

CERTIFICATE
OF PARTICIPATION

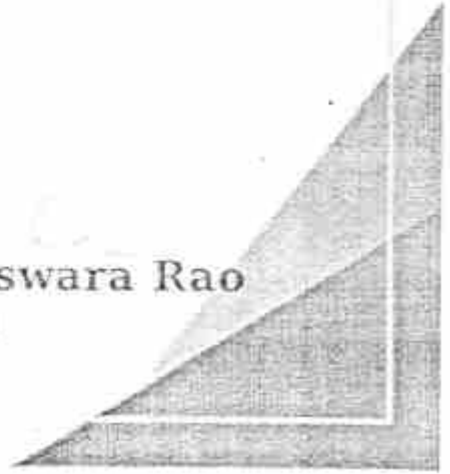
This is certified that Mr./Ms E. BALA KRISHNA MANAHI
has participated in a 5day Faculty Developement Program on
"Machine Learning Application on Image Processing"
from 10th-14th October 2022, organized by Departement of
Information Technology.



Dr. S. Krishna Rao
HOD



Dr. K. Venkateswara Rao
Principal





SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NOTICE

Date: 27-10-2022

It is to inform all the Department staff members that "A 5-day Faculty Development Program on Machine Learning" is going to be organizing from 14-11-2022 to 18-11-2022. Hence all the interested staff members are advised to participate in this program and get benefited and inform to your colleagues in other colleges.

Dept of CSE

FDP Program: Machine Learning Day wise Schedule offline in SIR C R REDDY COLLEGE OF ENGINEERING

Date\Time	14-11-2022	15-11-2022	16-11-2022	17-11-2022	18-11-2022
9 AM – 9.30AM	Inauguration	Recap of the Previous day	Recap of the Previous day	Recap of the Previous day	Recap of the Previous day
9.30AM–12Noon	Session-1: Introduction to AI, ML and DL and applications.	Session-3: Auto encoders and Generative Serial Networks	Session – 5: Image-to-Image Translation with CNNs and GANs	Session-7: Adversarial Attacks and Defenses in CNNs	Industrial Visit
12Noon–1 PM	Article Discussion*	Article Discussion**	Article Discussion	Article Discussion	
1PM – 2PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
2 PM-4.30 PM	Session-2: Understanding CNNs and GANs Fundamentals	Session – 4: CNN and GAN Architectures GAN and Image Generation	Session – 6: GANs for Data Augmentation and Style Enhancement	Session-8: Progressive GANs and High-Resolution Image Synthesis	MCQ,
4.30PM–5.30 PM	Practical: Hands-On Implementation of fine-tune CNN and GAN models	Practical: Hands-On Implementation of fine-tune CNN and GAN models	Practical: Hands-On Implementation of fine-tune CNN and GAN models	Practical: Hands-On Implementation of fine-tune CNN and GAN models	Valedictory session

SIR C R REDDY COLLEGE OF ENGINEERING

Department of Computer Science and Engineering
REGISTRATION CUM NOMINATION FORM

(Photocopies may be used for additional

participants) A Five day Faculty Development Program
on **"MACHINE LEARNING"**
(14-11-2022 to 18-11-2022)

1. Name:
2. Designation:
3. Department:
4. Qualification:
5. Experience (Yrs):
6. College Name:
7. Mobile No:
8. E-mail address:

Mr./Ms./Dr. _____ from
_____ is hereby
permitted to attend the Faculty Development Program
(FDP) on **"MACHINE LEARNING"** at Sir C R
Reddy College of Engineering, Eluru from 14-11-2022 to
18-11-2022 Place:

Date: _____ Signature _____

CO-ORDINATING COMMITTEE

Chief Patrons:

Sri Dr.M.B.S.V.Prasad, Secretary
Sri Jasti Mallikharjunudu, Correspondent.

Patrons:

Dr. K. Venkateswara Rao, Principal

Convener: Dr. A. Yesubabu

Head of Department

Department of CSE

Ph: +91 9848228856

E-mail: adimulam9@gmail.com

Co-ordinator: Dr. M. Krishna

Assoc. Prof., Department of CSE

Ph: +91 9394501367

E-mail: marlapallikrishna@gmail.com

Organizing Committee:

Dr. G. Niramala, Assoc. Professor
Dr. N. Deepak, Assoc. Professor
Sri. J. S. V . G. Krishna, Assoc. Professor
Dr. K. N. Madavi Latha, Assoc. Prof
Sri G. Satyanarayana, Asst. Prof
Smt.P. Naga Deepthi Asst. Prof
Sri G. Damodar, Asst. Prof
Smt V. Jaya Manasa, Asst. Prof
Smt A . Mamatha, Asst. Prof
Smt G. Monika Devi, Asst. Prof
Sri M. Sathi Ekambareesh, Asst. Prof

A Five day Faculty Development Program on **"MACHINE LEARNING"**

14-11-2022 to 18-11-2022

Organized by Department of
Computer Science and Engineering



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari Dist, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated
to JNTUK, Kakinada)

ABOUT THE INSTITUTE

Sir C. R. Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE). This College is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C. R. Reddy College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and magnanimous management. The last two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE & VALUE BASED EDUCATION' to the student community.

The College is situated near Vatluru railway gate in Eluru, the Head Quarters of West Godavari district. It is surrounded by beautiful paddy fields and is on Chennai-Howrah highway and train route. A large number of buses and trains run via this town. It is easily accessible from any part of the country by rail as well as road.

The College is located in its own sprawling campus with an area of 30.48 acres. Its magnanimous infrastructure and greenery attracts the attention of people who pass by. The vast green campus housing several Departments provides a stimulating environment to the high caliber staff and students of the institution.

The Campus at Vatluru is a place where students from all walks of life are under a single umbrella pursuing their BE/B.Tech, M.Tech and MBA courses.

ABOUT THE DEPARTMENT

Department of Computer Science & Engineering (CSE) offers under graduate (B. Tech.) course in CSE and a post graduate (M. Tech.) specialization in Computer Science and Technology and is permanently affiliated JNTUK, Kakinada Andhra Pradesh, India. From the academic year 2021-2022 B.Tech program in Artificial Intelligence and Data Science was introduced Department of CSE was started in the year 1989 with an intake of 30 students and subsequently enhanced to 180 students. The Department offers M. Tech. specialization for an intake of 18 students.

About the FDP:

The aim of this FDP is to train faculty members in the Machine Learning with Generative Adversarial Networks. Subsequently, the training will help the teachers to transfer the knowledge to students in their respective institutions. The program will act as a bridge for knowledge transfer between faculty and experts in the field of CNN and allied fields to fulfill the ongoing demands in research and academic activities.

By achieving these objectives, the FDP aims to empower participants with a comprehensive understanding of CNNs and GANs, enabling them to leverage these technologies effectively in real-world applications while adhering to ethical considerations and responsible AI practices.

Resource Person:

Smt. K. Lakshmi Prasuna, Asst. Professor.

V.K.R.V.N.B & A.G.K College of Engineering ,

Eligibility: The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry etc.

Selection: The number of Participants is limited to 50 and will be selected on the first-come, first-served basis. The selected candidates will be intimated through e-mail only.

Certificate: Certificate to the participants will be issued on successful completion of the FDP.

Registration Fee: 1350/-.

Form for Registration:

Note: Last date for registration is 10-11-2022.



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
 West Godavari District., A.P.,INDIA
 APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
 AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

Attendance List of Participants

Name of the Department : CSE
 Name of the Programme : Machine Learning
 Dates of the Programme : 14-11-2022 to 18-11-2022

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			DE 14/11	DE 15/11	DE 16/11	DE 17/11	DE 18/11
1.	Dr. M Krishna	CSE	M	M	M	M	M
2.	JSV. Gopala Krishna	CSE	JSV	JSV	JSV	JSV	JSV
3.	K. Anil choudary	CSE	Anil	Anil	Anil	Anil	Anil
4.	Dr. G. Nirmala	CSE	G	G	G	G	G
5.	Dr. N. Deepak	CSE	N	N	N	N	N
6.	Dr. K. N. Madhavilatha	CSE	K.M.	K.M.	K.M.	K.M.	K.M.
7.	Dr. B. Madhav Rao	CSE	B.M.	B.M.	B.M.	B.M.	B.M.
8.	S. Mohan Babu	CSE	S	S	S	S	S
9.	Konda Srinu	CSE	K	K	K	K	K
10.	Kichaitanya Deepthi	CSE	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi
11.	Y.L. Sandhya Rani	CSE	Y.L.S.Rani	Y.L.S.Rani	Y.L.S.Rani	Y.L.S.Rani	Y.L.S.Rani
12.	M. Ganesh Babu	CSE	M	M	M	M	M
13.	G. Sathyanarayana	CSE	G	G	G	G	G
14.	Honey Benny Bandh	CSE	H	H	H	H	H
15.	Ch. Rama Devi	CSE	Ch	Ch	Ch	Ch	Ch
16.	RSK chaitanya	CSE	chait	chait	chait	chait	chait
17.	Sampathi V Kumar	CSE	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar
18.	P. Naga Deepthi	CSE	P. Deepthi	P. Deepthi	P. Deepthi	P. Deepthi	P. Deepthi
19.	M. Madhava Rao	CSE	M	M	M	M	M
20.	Vahiduddin shariff	CSE	V	V	V	V	V
21.	VV Deepthi Donavalli	CSE	VV	VV	VV	VV	VV
22.	V. Pranav	CSE	V	V	V	V	V
23.	K. Swathi	CSE	K	K	K	K	K
24.	Ch. Srinivas	CSE	Ch	Ch	Ch	Ch	Ch
25.	T. Kothmani Kumar	CSE	T	T	T	T	T
26.	Rama Lakshmi. B	CSE	R	R	R	R	R
27.	T. Usha Rani	CSE	T	T	T	T	T
28.	Ch. Suthakar	CSE	Ch	Ch	Ch	Ch	Ch
29.	Unni Kiranbaladhi	CSE	Unni	Unni	Unni	Unni	Unni
30.	A. Ram Kumar	CSE	A.R.Kumar	A.R.Kumar	A.R.Kumar	A.R.Kumar	A.R.Kumar

**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
MACHINE LEARNING FROM 14-11-2022 TO 18-11-2022**

The Faculty development programme started on 14th November 2022 at 9:10 am with Jyothi Prajwalana. There were 8 external participants from different colleges and institutes and around 45 participants attended this FDP.

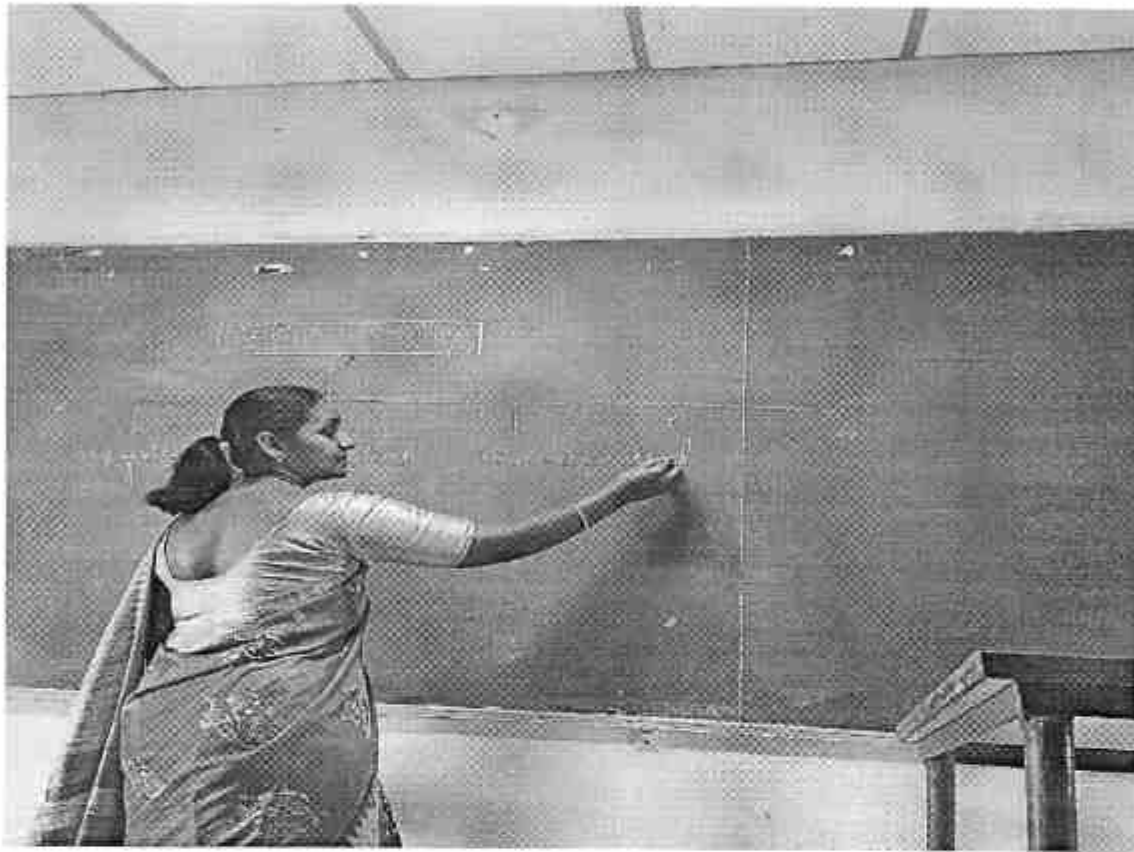
The dignitaries on the stage were Mr. Kommareddy Rambabu garu, President of Sir C R R Educational Institutions and Correspondent of Sir C R Reddy College of Engineering, Mr. N.V.K. Durgarao garu, Secretary of Sir C R R Educational Institutions.



Addressing all the Participants of FDP by Dr. A. Yesubabu sir, HoD, CSE Dept.

Opening remarks for the FDP were given by Chief Guests, which was followed by an introduction to the programme by Smt.Y.Jyothi, Asst.Professor, Dhanekula Institute of Engineering & Technology. She also gave a glimpse of the activities going on in various locations on Machine Learning. Introduction to the FDP and highlights of Machine Learning by Smt.Y.Jyothi, thereafter, the message from Honourable Founder President was read out by K. Rambabu garu. The programme progressed with the inaugural lecture at 9:30 am by Smt.Y.Jyothi garu in which she mainly focused on the Introduction to AI, ML & DL & their applications. She also played a video on the activities in Machine Learning at various locations followed by understanding the fundamentals of CNNs & GANs. The next speaker was Prof. Dr. A. Yesubabu, Head of the Department of Computer Science and Engineering, Sir C R Reddy College of Engineering. He mainly talked about the research in the area of

Machine Learning and interdisciplinary Scientific Research happening in Machine Learning which was followed by Hands-on training.



Addressing all the Participants of FDP by Smt.Y.Jyothi

The second day started off with the lecture of Smt.Y.Jyothi on the Auto encoders & Generative Serial Networks, CNN & GAN Architectures, Image Generation. In the afternoon session there was an industrial visit.

Dr. A. Yesubabu felicitated Dr.K.N.Madhavi Latha after the lunch break; she mainly talked about her research in the area of Image Processing and shared her research experience. The next lecture was given by Dr.G.Nirmala, Associate Professor, Sir C R Reddy College of Engineering in which she gave highlights of Machine Learning, Adversarial Attacks & Defenses in CNNs and how they are used in Real time Scenario.

On the Last day there was a discussion on Progressive GANs & High Resolution Image Synthesis. This led to the end of the series of lectures in the five days programme. A concluding session followed after the tea break in which participants shared their experiences. At the concluding session most of them talked about their enriching experience at the FDP. Thereafter Prof. Dr. A.Yesubabu, gave his concluding remarks and distributed the certificates to the external participants. At the end Prof. Dr. M. Krishna gave the vote of thanks and concluded the five days faculty development programme.



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

DR. M. KRISHNA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

J.S.V. GOPALA KRISHNA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K. ANIL CHOWDARY

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Dr. G. NIRMALA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Dr. N. DEEPAK

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Dr. K.N.MADHAVILATHA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Dr. B. MADHAV RAO

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

S. MOHAN BABU CHOWDARY

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

KONDA SREENU

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K-CHAITANYA DEEPTHI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Y.L. SANDHYA RANI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

M. GANESH BABU

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

GI. SATYANARAYANA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

HOMER BENNY BANDELA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

CH. RAMA DEVI

From SIR CR REDDY COLLEGE OF ENGINEERING, has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

RSK. CHAITANYA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

SAMPARTHI V S KUMAR

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

P. NAGIA DEEPTHI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

M. MADHAVA RAO

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

VAHIDUDDIN SHARIF

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

VV DEEPTHI DONAVALLI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT

PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

V. PRANAV

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K. SWATHI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

CH. SRINIVAS

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

T. KOTI MANI KUMAR

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

RAMA LAKSHMI, B

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

T. USHA RANI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

CH. SUDHAKAR

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT

PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

UNNI KIRAN JAJADHI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

A. RAM KUMAR

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT

PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

M. SIVA GANESH

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Y. ANJANI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

P CHAITANYA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

A. MAMATHA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

GI. MONIKA DEVI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

V JAYA MANASA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Y. JYOTHI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **MACHINE LEARNING** at Sir C R Reddy College Of
Engineering in CSE Department from **14-11-2022 TO 18-11-2022.**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING

NOTICE

Date: 14-11-2022.

This is to inform all the staff members that a Faculty development Programme on "RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS" is going to be organised from 21-11-2022 to 25-11-2022. Hence all the interested staff members are advised to participate in this program and get benefited. It is also informed to invite faculty members from other colleges too.

PAS
Co-ordinator

14/11/22

Shankar
HOD-ECE

Head of the Department
Electronics & Communication Engg.
Sir C.R.R. College of Engineering
Eluru - 534 007

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU-7
ECE FDP Program on RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS
Day wise Schedule

21/11/2022	22/11/2022	23/11/2022	24/11/2022	25/11/2022
9.30AM- 11.00 PM	9.30AM - 11.00AM	9.30 AM- 11.00AM	9.30 AM- 11.00 AM	9.30 AM - 11.00AM
Inauguration	Design methodologies for IoT-oriented circuit and system design	Safety and security of IoT devices	Radiation effects and Radiation Hardening	Defect and Fault Modeling
Ultra-low power VLSI design for IoT				
11.00AM-01.00PM	11.00AM-01.00 PM	11.00AM-01.00PM	11.00 AM-01.00PM	11.00AM-01.00PM
Emerging technologies for IoT nodes	Integrated system testing and reliability	Hardware designs for security in ultra-low-power IoT systems	Challenges and Opportunities in VLSI IoT Devices	Hardware Cyber-Security for DSP and Image Processing Applications
01.00PM-02.00PM	01.00PM-02.00PM	01.00PM-02.00PM	01.00PM-02.00PM	01.00PM-02.00PM
LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
02.00PM - 3.00PM	02.00PM - 3.00PM	02.00PM- 3.00PM	02.00PM - 3.00PM	02.00PM - 3.00PM
Article Discussion	Article Discussion	Article Discussion	Article Discussion	MCQ, FEEDBACK & INTERACTION
03.00PM - 5.00PM	03.00PM - 5.00PM	03.00PM- 5.00PM	03.00PM - 5.00PM	03.00PM - 5.00PM
Hands-on exercises	Hands-on exercises	Hands-on exercises	Hands-on exercises	VALIEDICTORY


 Head of the Department
 Electronics & Communication Engg.
 Sir C.R.R. College of Engineering
 Eluru - 534 007

SIR C.R.REDDY COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

REGISTRATION CUM NOMINATION FORM
(Photocopies may be used for additional participants)
A Five day Faculty Development Program

on

"Recent Trends

in

**Microelectronics, VLSI Circuits
and their Applications"**

(21-11-2022-to 25-11-2022)

1. Name:
2. Designation:
3. Department:
4. Qualification:
5. Experience (Yrs):
6. College Name:
7. Mobile No:
8. E-mail address:

Mr./Ms./Dr. _____ from

_____ is
hereby permitted to attend the Faculty Development
Program (FDP) on "Recent Trends in MicroElectronics,
VLSI Circuits and their Applications" at Sir C R Reddy
College of Engineering, Eluru from 21-11-2022-to 25-
11-2022.

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

Sri Dr.M.B.S.V.Prasad, Secretary
Sri Jasti Mallikharjunudu, Correspondent.

Patrons:

Dr.K.Venkateswara Rao, Principal

Convener:

Dr.T.Venkateswara Rao
Head of Department
Department of ECE
Ph: +91 9440650760
E-mail: ecehod@sircrrengg.ac.in

Co-Ordinator:

P.H.S.Tejo Murthy
Professor, Department of ECE
Ph: +91 7338491162
E-mail: hstejomurthy@gmail.com

Organizing Committee:

Mrs. Nadella Lavanya, Assitant Professor
Mr. Adireddi Ram Kumar, Assitant Professor
Mr. Rajanala Trinadh, Assitant Professor
Mrs. Paladugu Sowmithri, Assitant Professor
Mr. Allumohana Vamsi Krishna, Assitant Professor
Mrs. Kotha Lavanya, Assitant Professor
Mrs. Yarlagadda Greeshma, Assitant Professor
Mrs. Vejendla Swathi, Assitant Professor
Mrs. Velamati Sunitha, Assitant Professor
Mr. Parri Srinivasulu, Assitant Professor

A Five day Faculty Development Program on
"Recent Trends

in

**MicroElectronics, VLSI Circuits
and their Applications"**

21-11-2022 to 25-11-2022

Organized by

Department of Electronics and
Communication Engineering



**SIR C.R.REDDY
COLLEGE OF ENGINEERING**

Eluru-534007, West Godavari Dist, A.P., India

(Approved by AICTE, New Delhi
& Permanently affiliated to JNTU, Kakinada)

ABOUT THE INSTITUTE

Sir C.R.Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE). This College is permanently affiliated to JNTUK from the Academic Year 2017-18. Since its inception in 1989, Sir C. R. Reddy College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and magnanimous management. The last two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE & VALUE BASED EDUCATION' to the student community. The College is situated near Vatluru railway gate in Eluru, the Head Quarters of West Godavari district. It is surrounded by beautiful paddy fields and is on Chennai-Howrah highway and train route. A large number of buses and trains run via this town. It is easily accessible from any part of the country by rail as well as road. The College is located in its own sprawling campus with an area of 30.48 acres. Its magnanimous infrastructure and greenery attracts the attention of people who pass by the vast green campus housing several Departments provides a stimulating environment to the high caliber staff and students of the institution.

The Campus at Vatluru is a place where students from all walks of life are under a single umbrella pursuing their BE/B.Tech, M.Tech and MBA courses.

ABOUT THE DEPARTMENT

The department of Electronics and Communication Engineering was established to impart state-of-the-art knowledge to students and has been functioning since the beginning of the college, i.e., from FY 1989-90, with an intake of 60 students. Presently, the intake of the ECE department is 180 students. The department has a faculty strength of 35 well-qualified, experienced, and dedicated postgraduates with 8 doctorates, and some (16) of them are pursuing Ph.D. in different streams.

About the FDP:

In the current World, Very Large Scale Integration (VLSI) is considered to be one of the fastest growing cutting edge technologies. Each and every gadget which we use in day-to-day life involves VLSI directly or indirectly. With the development of Digital Signal Processors and High Performance Computing, VLSI based design has become the technology of choice. Requirement of miniaturization of the devices lead to more and more compact and efficient design structure. This Faculty Development Programme aims at introducing the participants to some of the recent technologies and refurbishes the VLSI MOS circuits with extensive hands on exposure.

Course Contents:

- Sources of Power Dissipation
- Low Power Digital and Analog MOS Circuits:
 - Reducing Glitches
 - Logic Level Power Optimization
 - Standby Mode Leakage Suppression
 - Variable Body Biasing
 - Sleep Transistors
 - Adiabatic Circuits
- Low-Power MOS Circuits Design Techniques:
 - System: Partitioning, Power down
 - Algorithm: Complexity, Concurrency, Regularity
 - Architecture: Parallelism, Pipelining, Redundancy
 - Circuit Logic: Logic Styles, Energy Recovery,
 - Technology: Threshold Reduction,
 - Multithreshold Devices
- Hands on session on the above topics will be provided

Resource Persons:

Sri S.Venkateswara Rao
Director, Radeon Technologies Group,
AMD India Private Limited

Eligibility:

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry etc.

Selection:

The number of Participants is limited to 45 and will be selected on the first-come, first-served basis. The selected candidates will be intimated through e-mail only.

Certificate:

Certificate to the participants will be issued on successful completion of the FDP.

Registration Fee: 1500/-

Form for Registration:

Note: Last date for registration is 19-11-2022.



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
 West Godavari District., A.P., INDIA
 APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
 AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

Attendance sheet

Name of the Department : ECE
 Name of the Programme : Recent Trends in microelectronics, VLSI circuits and their Applications
 Dates of Programme : 21/07/2022 to 25/07/2022

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			DE:21/07	DE:22/07	DE:23/07	DE:24/07	DE:25/07	DE:
1	K. Lakshmi narayana	GRRCOE	<u>llll</u>	<u>llll</u>	<u>llll</u>	<u>llll</u>	<u>llll</u>	-
2	P.T. Balakrishna	PITS	<u>P.P.K</u>	<u>P.P.K</u>	<u>P.P.K</u>	<u>P.P.K</u>	<u>P.P.K</u>	-
3	N. Nagalakshmi	PITS	<u>N.N.L</u>	<u>N.N.L</u>	<u>N.N.L</u>	<u>N.N.L</u>	<u>N.N.L</u>	-
4	Vudla Veenaja	GRRCOE	<u>(A)</u>	<u>(A)</u>	<u>(A)</u>	<u>(A)</u>	<u>(A)</u>	-
5	Chekkalla ravi kumar	GRRCOE	<u>Chk</u>	<u>Chk</u>	<u>Chk</u>	<u>Chk</u>	<u>Chk</u>	-
6	Hundi Sudhakar	GRRCOE	<u>ad</u>	<u>ad</u>	<u>ad</u>	<u>ad</u>	<u>ad</u>	-
7	Mr. D. Ajay Kumar	GRRCOE	<u>ajk</u>	<u>ajk</u>	<u>ajk</u>	<u>ajk</u>	<u>ajk</u>	-
8	Mr. Panabeti bharathi	GRRCOE	<u>Pa</u>	<u>Pa</u>	<u>Pa</u>	<u>Pa</u>	<u>Pa</u>	-
9	B. Jeevan Kumar	PITS	<u>B.J.K</u>	<u>B.J.K</u>	<u>B.J.K</u>	<u>B.J.K</u>	<u>B.J.K</u>	-
10	Ms. K.J.S. Lorraine	GRRCOE	<u>Lor</u>	<u>Lor</u>	-	-	<u>Lor</u>	-
11	Mr. Ch. Jaya prakash	GRRCOE	<u>ad</u>	<u>ad</u>	<u>ad</u>	<u>ad</u>	<u>ad</u>	-
12	Mr. V. Suresh babu	GRRCOE	<u>V.S</u>	<u>V.S</u>	<u>V.S</u>	<u>V.S</u>	<u>V.S</u>	-
13	D. Sumanth	PITS	<u>D.S</u>	<u>D.S</u>	<u>D.S</u>	<u>D.S</u>	<u>D.S</u>	-
14	Ch. Pushpa	PITS	<u>Ch.P</u>	<u>Ch.P</u>	<u>Ch.P</u>	<u>Ch.P</u>	<u>Ch.P</u>	-
15	K. Rakesh	PITS	<u>K.R</u>	<u>K.R</u>	<u>K.R</u>	<u>K.R</u>	<u>K.R</u>	-
16	Mr. N. Narendra Kumar	GRRCOE	<u>N.N</u>	<u>N.N</u>	<u>N.N</u>	<u>N.N</u>	<u>N.N</u>	-
17	Ms. G. Sri Latha	GRRCOE	<u>G.S</u>	<u>G.S</u>	<u>G.S</u>	<u>G.S</u>	<u>G.S</u>	-
18	Mr. K. Hibanti	GRRCOE	<u>K.H</u>	<u>K.H</u>	<u>K.H</u>	<u>K.H</u>	<u>K.H</u>	-
19	Ms. N. Lavanya	GRRCOE	<u>N.L</u>	<u>N.L</u>	<u>N.L</u>	<u>N.L</u>	<u>N.L</u>	-
20	Mr. A. Ramkumar	GRRCOE	<u>A.R</u>	<u>A.R</u>	<u>A.R</u>	<u>A.R</u>	<u>A.R</u>	-

1150
 Programme Co-ordinator



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
 West Godavari District., A.P., INDIA
 APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
 AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

Attendance sheet

Name of the Department : ECE
 Name of the Programme : "Recent Trends in Microelectronics, VLSI Circuits and their Applications"
 Dates of Programme : 21/11/2022 to 25/11/2022

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt: 21/11	Dt: 22/11	Dt: 23/11	Dt: 24/11	Dt: 25/11	Dt:
21	Ms. R. Teinadh	CRRCOE	Present	Present	Present	Present	Present	-
22	Mrs. P. Sowmitha	CRRCOE	Pat	Pat	Pat	Pat	Pat	-
23	G. Soudhakar	PITS	A. Soudhakar	A. Soudhakar	A. Soudhakar	A. Soudhakar	A. Soudhakar	-
24	Ms. A. H. Vamsi Krishna	CRRCOE	A. Vamsi	A. Vamsi	A. Vamsi	A. Vamsi	A. Vamsi	-
25	S. Swathi	PITS	S. Swathi	S. Swathi	S. Swathi	S. Swathi	S. Swathi	-
26	Mrs. Kotha Lavanya	CRRCOE	K	K	K	K	K	-
27	V. Chaitanya Sindhu	PITS	V. Chaitanya	V. Chaitanya	V. Chaitanya	V. Chaitanya	V. Chaitanya	-
28	Mrs. Y. Giridhara	CRRCOE	G	G	G	G	G	-
29	Mrs. Vajendla Swathi	CRRCOE	V. Swathi	V. Swathi	V. Swathi	V. Swathi	V. Swathi	-
30	Mrs. Velamati Sunitha	CRRCOE	V. Sunitha	V. Sunitha	V. Sunitha	V. Sunitha	V. Sunitha	-
31	Ms. P. Srinivasula	CRRCOE	P. Srinivasula	P. Srinivasula	P. Srinivasula	P. Srinivasula	P. Srinivasula	-
32	Ms. Y. B. N. V. Bhaskar	CRRCOE	B	B	B	B	B	-
33	Mrs. N. Swathi	CRRCOE	N. Swathi	N. Swathi	N. Swathi	N. Swathi	N. Swathi	-
34	Mrs. K. Radha	CRRCOE	K. Radha	K. Radha	K. Radha	K. Radha	K. Radha	-
35	Ms. Gundu Sujatha	CRRCOE	G. Sujatha	G. Sujatha	G. Sujatha	G. Sujatha	G. Sujatha	-
36	Akkineeni Kinneer	CRRCOE	A	A	A	A	A	-
37	Appalusi Ramya	CRRCOE	A	A	A	A	A	-
38	Yarra Yamini Priya	CRRCOE	Y	Y	Y	Y	Y	-
39	Mrs. B. Nagaswathi	CRRCOE	B. Nagaswathi	B. Nagaswathi	B. Nagaswathi	B. Nagaswathi	B. Nagaswathi	-
40	Mrs. A. R. V. Lakshmi	CRRCOE	A. R. V. Lakshmi	A. R. V. Lakshmi	A. R. V. Lakshmi	A. R. V. Lakshmi	A. R. V. Lakshmi	-

(Signature)
 Programme Co-ordinator

FACULTY DEVELOPMENT PROGRAMME

ON

“RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS”

Introduction:

The Faculty Development Program on "Recent Trends in Microelectronics, VLSI Circuits, and Their Applications" is conducted from November 21 to November 25, 2022. The program aimed to provide faculty members with insights into the latest developments in the field of microelectronics and VLSI circuits and equip them with knowledge to enhance their teaching methodologies and research pursuits.

Objectives:

1. To explore recent advancements in microelectronics and VLSI circuits.
2. To understand the practical applications of these advancements in various industries.
3. To provide a platform for networking and collaboration among faculty members and experts in the field.
4. To foster discussions on potential research avenues and interdisciplinary approaches.



Esteemed Speaker Dr.Sandhya cole

Sessions and Activities:

The FDP consisted of a series of interactive sessions, workshops, and keynote presentations by renowned experts in the field. The sessions covered a wide range of topics including but not limited to:

1. Introduction to Microelectronics and VLSI Circuits.

2. Emerging Trends in VLSI Design and Technology.
3. Advanced Semiconductor Devices and Materials.
4. Design Automation Techniques for VLSI Circuits.
5. System-on-Chip (SoC) Design and Integration.
6. Internet of Things (IoT) and Wearable Electronics.
7. Applications of VLSI in Biomedical Engineering.
8. Industry Perspectives on Microelectronics and VLSI.

Highlights:

- Keynote addresses by eminent researchers and industry professionals provided valuable insights into the current state and future directions of microelectronics and VLSI circuits.
- Hands-on workshops enabled participants to gain practical experience in designing and simulating VLSI circuits using state-of-the-art tools and software.
- Panel discussions facilitated exchange of ideas and experiences among participants and experts, fostering a collaborative learning environment.
- Networking sessions provided opportunities for participants to interact with peers and establish potential collaborations for future research projects.

Outcome:

The Faculty Development Program on Recent Trends in Microelectronics, VLSI Circuits, and Their Applications was successful in achieving its objectives. Participants gained a deeper understanding of the latest advancements in the field and acquired practical skills that can be applied in both academic and industrial settings. The program also served as a platform for fostering collaborations and networking among faculty members and experts, paving the way for future research endeavors.

Conclusion:

The FDP served as a valuable platform for faculty members to enhance their knowledge and skills in the field of microelectronics and VLSI circuits. By staying abreast of recent trends and advancements, participants are better equipped to contribute to the academic and research community and address the challenges and opportunities in this rapidly evolving field.



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. KARAM LAKSHMI NARAYANA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. VURLA VEERRAJU has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. CHEEKATLA RAVI KUMAR has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. HUNDI SUDHAKAR has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. DHARAMI REDDY AJAY KUMAR has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. PANCHETI HAREESH has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. KAMBHAM JACOBSILVA LORRAINE has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. CHENNOJU JAYA PRAKASH has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. VELAGAPATI SURENDRA BABU has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. MADAKA NARENDRA KUMAR has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. GUINDAPANENI SRI LATHA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. KATTA MIRANJI has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. NADELLA LAVANYA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. ADIREDDI RAMKUMAR has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. RAJANALA TRINADH has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. PALADUGU SANNITHIRI has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. ALLU MATHANA VAHISI KRISHNA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. KOTHA LAVANYA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. YARLAGUDDA GRESHMA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. VEJENDLA SWATHI has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. VELAMATI . SUNITHA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. PARRI SRINIVASULU has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. YELAMOLU BALA NAGAI VENKATA BHASKAR has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. NALLAGACHU SWATHI has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. KOLLIPARA RADHA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. GUNDURU SUJATHA has

participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics & Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. AKKINENI KINNERA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. UPPULURE. RAMYA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. YARRA YAMINI PRIYA has
participated in the Five Day Faculty Development Program on "RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS" organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

ON

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. BATTINA NAGESWAR has

participated in the Five Day Faculty Development Program on 'RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS' organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.

P. V. S. S. S.
CO-ORDINATOR

M. S. S. S.
HOD-ECE

K. S. S. S.
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

**RECENT TRENDS IN MICROELECTRONICS, VLSI CIRCUITS AND
THEIR APPLICATIONS**

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. ANASUVA. REJA VARA LAKSHMI has

participated in the Five Day Faculty Development Program on **“RECENT TRENDS IN MICROELECTRONICS,
VLSI CIRCUITS AND THEIR APPLICATIONS”** organised by the Department of Electronics &
Communication Engineering during 21-11-2022 to 25-11-2022.

P. B. S. S. S.
CO-ORDINATOR

M. S. S. S.
HOD-ECE

K. S. S. S.
PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NOTICE

Date: 23-11-2022

It is to inform all the Department staff members that “A 5-day Faculty Development Program on Applications of Power Electronics in Smart Grids” is scheduled between 05-12-2022 and 09-12-2022. All the staff members are advised to participate and co-operate for smooth conduction of FDP.

HOD

ML

Dept of EEE

Head of the Dept.

Electrical and Electronics Engineering
Sir C R.Reddy College of Engineering
ELURU - 534 007

FDP Program:
Applications of Power Electronics in Smart Grids
Day wise Schedule
SIR CR REDDY COLLEGE OF ENGINEERING

Day1 (05/12/2022)	Day2 (06/12/2022)	Day3 (07/12/2022)	Day4 (08/12/2022)	Day5 (09/12/2022)
9:30 – 10:00 Inaugural	—	—	—	—
10:00 – 12.30 Session 1 Electric Vehicle Charging Infrastructure	9:30 – 12.30 Session 1 Smart Grid Distribution Power Systems	9:30 – 12.30 Session 1 Renewable Energy Integration and Grid Interconnected Micro grids	9:30 – 12.30 Session 1 Digital Control and Monitoring	9:30 – 12.30 Session 1 Flexible AC Transmission Systems
12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch
1:30 – 3:30 Session 2 Energy Storage Systems	1:30 – 3:30 Session 2 Cyber Security in Power Electronics within Smart Grid	1:30 – 3:30 Session 2 Electric Vehicle Charging Infrastructure and Demand Response and Smart Applications	1:30 – 3:30 Session 2 Demand Response and Energy Management	1:30 – 3:30 Session 2 Transient Stability Enhancement
3:30 – 3:45 Tea Break	3:30 – 3:45 Tea Break	3:30 – 3:45 Tea Break	3:30 – 3:45 Tea Break	3:30 – 3:45 Tea Break
3:45 – 4:30 Q&A	3:45 – 4:30 Q&A	3:45 – 4:30 Q&A	3:45 – 4:30 Q&A	3:45 – 4:30 Valedictory
—	—	—	—	4:00 – 4:30 Valedictory

Day 1: Session 1 & 2 by Mr.R.Guruswamy, BVRIT Hyderabad

Day 2: Session 1 & 2 by Dr.M.Veera Kumari, Sir C R Reddy College Of Engineering

Day 3: Session 1 & 2 by Dr.S.N.V.Bramareswara Rao, Sir C R Reddy College Of Engineering

Day 4: Session 1 & 2 by Mrs.T.Deepti Prasanna, Sir C R Reddy College Of Engineering

Day 5: Session 1 & 2 by Dr.Ch.Rambabu, Vasavi college of Engg. Tadepalligudem

M
Head of the Dept.
Electrical and Electronics Engineering
Sir C R.Reddy College of Engineering
ELURU - 534 007

SIR C R REDDY COLLEGE OF ENGINEERING

Department of Electrical and Electronics Engineering

REGISTRATION CUM NOMINATION FORM

(Photocopies may be used for additional participants)

A Five day Faculty Development Program
on

"Applications of Power Electronics in Smart Grids"

(05-12-2022 to 09-12-2022)

1. Name:

2. Designation:

3. Department:

4. Qualification:

5. Experience (Yrs):

6. College Name:

7. Mobile No:

8. E-mail address:

Mr./Ms./Dr. _____ from _____ is hereby permitted to attend the Faculty Development Program (FDP) on "Applications of Power Electronics in Smart Grids" at Sir C R Reddy College of Engineering, Eluru from **05-12-2022 to 09-12-2022**

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

Sri Dr.M.B.S.V.Prasad, Secretary
Sri Jasti Mallikharjunudu, Correspondent.

Patrons:

Dr. K.Venkateswara Rao, Principal

Convener:

Dr. A. Srinivasa Reddy, HOD
Department of EEE
Ph: +91 9440070075

Co-ordinator:

S. N V Bramareswara Rao
Assistent Professor, EEE

Organizing Committee:

Dr. Yerramilli Butchi Raju, Professor
Dr. Namdeti Bhupesh Kumar, Professor
Anantaneni Surya Prakasha Rao, Asst. Prof
Tummala Kranthi Kiran, Asst. Prof
Nandigam Rama Narayana, Asst. Prof
Motepalli Sunil Kumar, Asst. Prof
Tata Deepti Prasanna, Asst. Prof
Attada Durga Prasad, Asst. Prof
Koyi Kotaiah Chowdary, Asst. Prof
Shaik Chan Basha, Asst. Prof
Lingamaneni Vamsi Narasimha Rao, Asst. Prof

A Five day Faculty Development Program
on

"Applications of Power Electronics in Smart Grids"

05-12-2022 to 09-12-2022

Organized by Department of
Electrical and Electronics Engineering



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari Dist. A.P., India

(Approved by AICTE, New Delhi
& Permanently affiliated
to JNTUK, Kakinada)

ABOUT THE INSTITUTE

Sir C. R. Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE). This College is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C. R. Reddy College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and magnanimous management. The last two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE & VALUE BASED EDUCATION' to the student community.

The College is situated near Vatluru railway gate in Eluru, the Head Quarters of West Godavari district. It is surrounded by beautiful paddy fields and is on Chennai-Howrah highway and train route. A large number of buses and trains run via this town. It is easily accessible from any part of the country by rail as well as road.

The College is located in its own sprawling campus with an area of 30.48 acres. Its magnanimous infrastructure and greenery attracts the attention of people who pass by. The vast green campus housing several Departments provides a stimulating environment to the high caliber staff and students of the institution.

The Campus at Vatluru is a place where students from all walks of life are under a single umbrella pursuing their BE/B.Tech, M.Tech and MBA courses.

ABOUT THE DEPARTMENT

Department of Electrical & Electronics Engineering (EEE) offers under graduate (B. Tech.) course in EEE and a post graduate (M. Tech.) specialization in Power Systems and Automation and is permanently affiliated JNTUK, Kakinada Andhra Pradesh, India. Department of EEE was started in the year 1994 with an intake of 60 students and subsequently enhanced to 90 students. The Department offers M. Tech. specialization for an intake of 18 students.

About the FDP:

This Five day Faculty Development Program spans a diverse array of topics, empowering educators in the Power electronics plays a crucial role in enabling the efficient operation and management of smart grids, which are modernized electricity networks capable of integrating renewable energy sources, energy storage systems, and advanced communication and control technologies. Here are some key applications of power electronics in smart grids:

Renewable Energy Integration: Power electronics converters are used to interface renewable energy sources such as solar photovoltaic (PV) systems, wind turbines, and hydroelectric generators with the grid. These converters perform functions such as converting the variable DC output of renewable energy systems into stable AC power suitable for grid connection, as well as controlling the power flow to match grid requirements.

Energy Storage Systems: Power electronic converters are essential components of energy storage systems deployed in smart grids.

RESOURCE PERSONS:

Mr. R. Guruswamy
Associate Professor
BVRIT- Hyderabad
9985271464

Dr. Ch. Rambabu
Professor
Sri Vasavi engineering college,
Tadepaligudem

Eligibility: The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry etc.

Selection: The number of Participants is limited to 45 and will be selected on the first-come, first-served basis. The selected candidates will be intimated through e-mail only.

Certificate: Certificate to the participants will be issued on successful completion of the FDP.

Registration Fee: Rs 1250/-

Form for Registration:

Note: Last date for registration is
04-12-2022.



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
 West Godavari District., A.P., INDIA
 APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
 AFFILIATED TO JNTUK, KAKINADA
www.sircrengg.ac.in

Attendance List of Participants

Name of the Department : **Electrical and Electronics Engineering**
 Name of the Programme : **Five Day Faculty Development Program**
 Title of the Programme : **"Applications of Power Electronics in Smart Grids"**
 Dates of Programme : **05-12-2022 to 09-12-2022**

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
	Nagendra babu Thota	PST-EEE	T.Na	T.Na	T.Na	T.Na	T.Na
	K.Padma Priya	PIT-EEE	Diya	Diya	Diya	Diya	Diya
	M.Vijaya Rajamoni	EEE	P	P	P	P	P
	V. Suresh Kumar	PTEEE	Ysk	Ysk	Ysk	Ysk	Ysk
	M.Bindu	PIT-EEE	AA	AA	AA	AA	AA
	M.Senilkumar	EEE	Julp	Julp	Julp	Julp	Julp
	S.K.Chandhuru	EEE	SKC	SKC	SKC	SKC	SKC
	V.Sambasiva Rao	PIT-EEE	Ysr	Ysr	Ysr	Ysr	Ysr
	M.Venkata Krishna	PITEEE	Kin	Kin	Kin	Kin	Kin
	B.Sambasiva Rao	EEE	BSR	BSR	BSR	BSR	BSR
	M.S.N.L.Narasimhan	EEE	N	N	N	N	N
	M.Sravani	PIT-EEE	Sra	Sra	Sra	Sra	Sra
	J.Ayyappa	EEE	J.A	J.A	J.A	J.A	J.A
	T.Irathiwan	EEE	T	T	T	T	T

M
 Head of the Dept.
 Electrical and Electronics Engineering
 Sir C R.Reddy College of Engineering
 ELURU - 534 007

S.N.V. Bramareswara Rao
 Programme Co-ordinator



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
West Godavari District., A.P., INDIA
APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

Attendance List of Participants

Name of the Department : Electrical and Electronics Engineering
Name of the Programme : Five Day Faculty Development Program
Title of the Programme : "Applications of Power Electronics in Smart Grids"
Dates of Programme : 05-12-2022 to 09-12-2022

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
	N.V.S.R. Parvathi	EEE	Parvathi	Parvathi	Parvathi	Parvathi	Parvathi
	A.S. Prakashee	EEE	Prakashee	Prakashee	Prakashee	Prakashee	Prakashee
	K. Kotachchoudy	EEE	Kotachchoudy	Kotachchoudy	Kotachchoudy	Kotachchoudy	Kotachchoudy
	P. Deepa prajana	EEE	Deepa	Deepa	Deepa	Deepa	Deepa
	G. Ganesh	EEE	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
	N.R. Natesh	EEE	Natesh	Natesh	Natesh	Natesh	Natesh
	DR. N. BHUPESH KUMAR	EEE	Nishu	Nishu	Nishu	Nishu	Nishu
	A. Durga Prasad	EEE	Durga	Durga	Durga	Durga	Durga
	S R Sagal	EEE	Sagal	Sagal	Sagal	Sagal	Sagal

M
Head of the Dept.
Electrical and Electronics Engineering
Sir C R Reddy College of Engineering
ELURU - 534 007

S.N.V. Brahmajeevara Rao
Programme Co-ordinator

REPORT ON FACULTY DEVELOPMENT
PROGRAMME

**Applications of Power Electronics in
Smart Grids**



**Organized by Electrical and Electronics
Engineering Department**

Sir C R Reddy College of Engineering

05-Dec-2022 to 09-Dec-2022

Day 1: 05 Dec 2022

Inaugural Function (9.30am to 10.00am)

A significant occasion was held on December 5, 2022, at Sir C R Reddy College of Engineering: The Faculty Development Program (FDP) On Applications of Power Electronics in Smart Grids Inaugural Session. It was the start of a fascinating journey into the most recent developments in electrical engineering, bringing together professionals from the industry, education.

In this session, distinguished speakers highlighted the significance of power quality in modern electrical systems, providing a structure for the FDP's seminars and discussions. Throughout the program, participants were motivated by insightful lectures that created a basis for interactive learning and exploration.

Inspired and full of anticipation, individuals embarked on an attempt to expand their knowledge in power quality enhancement technology, prepared to contribute significantly to the field's advancement.

SESSION-I Electric Vehicle Charging Infrastructure(10.00am to 12.30pm)

Summary:

Mr.R.Guruswamy presented that Power electronics are utilized in electric vehicle (EV) charging stations for converting AC grid power to the DC required for charging EV batteries. Advanced charging systems employ bidirectional converters, allowing EV batteries to feed power back into the grid during peak demand or to support grid services.

He also explained that when it comes to electric vehicles, the converter is built inside the car. It's called the "onboard charger" though it really is a converter. It converts power from AC to DC and then feeds it into the car's battery. This is the most common charging method for electric vehicles today and most chargers use AC power.

SESSION-II Energy Storage Systems(1.30pm to 3.30pm)

Summary:

Mr.R.Guruswamy has discussed about Power electronics facilitate the integration of energy storage systems (ESS) into smart grids. Converters are used to manage the charging and discharging of batteries, supercapacitors, or flywheel systems. This enables storing excess energy during low demand periods and delivering it during peak demand, enhancing grid stability and reliability.

Day 2: 06 Dec 2022

SESSION-I Smart Grid Distribution Power Systems (9.30am to 12.30pm)

Summary:

Dr.M.Veera Kumari addressed that in smart grid distribution power systems, power electronics play a crucial role in managing and controlling the flow of electricity efficiently. Power electronics are devices that can control the flow of electrical energy by converting and regulating voltage, current, and frequency. These devices are essential components in smart grid systems, which integrate communication, automation, and technology to optimize the generation, distribution, and consumption of electricity.

In this session she also explained that the integration of power electronics in smart grid distribution systems offers numerous benefits, including improved energy efficiency, reduced emissions, enhanced grid resilience, and greater flexibility to accommodate diverse energy resources. By providing fast and precise control over voltage and frequency, power electronics enhance grid stability and reliability, mitigating voltage sags, surges, and other disturbances to ensure uninterrupted power supply to consumers. In essence, power electronics serve as the backbone of smart grid distribution systems, enabling efficient, reliable, and sustainable electricity delivery in an increasingly interconnected and dynamic energy landscape.

SESSION-II Cyber Security in Power Electronics within Smart Grid

(1.30pm to 3.30pm)

Summary:

The talk by Dr.M.Veera Kumari was focused on Cybersecurity in power electronics within smart grid systems is a critical aspect of ensuring the reliability, integrity, and resilience of modern electrical infrastructure. As power systems become increasingly interconnected and reliant on digital technologies, they become vulnerable to cyber threats such as hacking, malware, and unauthorized access. cybersecurity is a paramount concern in power electronics within smart grid environments, given the increasing reliance on digital technologies and interconnected systems. By implementing robust cybersecurity measures, fostering collaboration among stakeholders, and adopting a proactive approach to threat detection and mitigation, the energy sector can enhance the resilience and security of smart grid infrastructure against evolving cyber threats.

Day 3: 07 Dec 2022

SESSION-I Renewable Energy Integration and Grid interconnected

Microgrids (9.30am to 12.30pm)

Summary:

The talk was focused on Power electronics converters are used to interface renewable energy sources such as solar photovoltaic (PV) systems, wind turbines, and small hydroelectric generators with the grid. These converters enable the conversion of variable DC output from renewable sources into stable AC power suitable for grid integration. Microgrids, which are localized energy systems with distributed energy resources (DERs), often utilize power electronics to connect with the main grid. Converters manage the bidirectional flow of power between the microgrid and the main grid, enabling seamless integration and operation.

SESSION-II Electric Vehicle Charging Infrastructure and Demand

Response and Smart Applications (1.30pm to 3.30pm)

Summary:

In this session, Dr.S. N. V. Bramareswara Rao has discussed about the Power electronics are utilized in electric vehicle (EV) charging stations for converting AC grid power to the DC required for charging EV batteries. Advanced charging systems employ bidirectional converters, allowing EV batteries to feed power back into the grid during peak demand or to support grid services. Power electronics play a role in demand response programs by enabling communication between utility providers and smart appliances. Devices such as smart thermostats, smart meters, and home energy management systems incorporate power electronics for efficient energy consumption and grid interaction.

Day 4: 08 Dec 2022

SESSION-I Digital Control and Monitoring (9.30am to 12.30pm)

Summary:

The talk by Mrs.T.Deepthi Prasanna was focused on Digital control and monitoring are pivotal components in the realm of power electronics within smart grid distribution systems, offering enhanced capabilities for grid management, optimization, and reliability. Digital control techniques leverage advanced algorithms and computing technologies to regulate and optimize the operation of power electronic devices such as inverters, converters, and voltage regulators. Unlike traditional analog control systems, digital control offers greater precision, flexibility, and adaptability to changing grid conditions. Techniques such as pulse-width modulation (PWM) enable precise regulation of voltage and current levels, while digital signal processing (DSP) algorithms facilitate real-time monitoring and adjustment of system parameters.

SESSION-II Demand Response and Energy Management (1.30pm to 3.30pm)

Summary:

In this session, the speaker focused on Demand response (DR) and energy management are integral components of power electronics in smart grid distribution systems, offering innovative solutions for optimizing energy consumption, enhancing grid reliability, and promoting sustainability.

Power electronics devices such as inverters, converters, and voltage regulators play a crucial role in managing the flow of electricity, optimizing voltage levels, and ensuring grid stability. By integrating power electronics-enabled EMS, utilities can maximize the utilization of renewable energy sources, minimize energy losses, and improve overall grid efficiency.

Day 5: 09 Dec 2022

SESSION-I Flexible AC Transmission Systems (9.30am to 12.30pm)

Summary:

Dr.Ch.Rambabu covered the Flexible AC Transmission Systems (FACTS) represent a crucial application of power electronics within smart grid systems, offering dynamic control capabilities to enhance grid stability, efficiency, and reliability. FACTS devices utilize power electronic converters to manipulate voltage and reactive power levels in real-time, providing dynamic support to the electrical grid.

Flexible AC Transmission Systems (FACTS) represent a cornerstone of power electronics applications in smart grids, offering dynamic voltage and reactive power control capabilities to enhance grid stability, efficiency, and reliability. By leveraging advanced power electronics technologies, FACTS devices enable utilities to optimize grid operation, mitigate grid congestion, integrate renewable energy sources, and enhance overall grid resilience in the face of evolving energy challenges.

SESSION-II Transient Stability Enhancement (1.30pm to 3.30pm)

Summary:

The talk by Dr.Ch.Rambabu was focused on Transient stability enhancement is a critical aspect of power electronics in smart grids, ensuring grid resilience and reliability in the face of dynamic disturbances and transient events. During transient events such as faults or sudden load changes, these devices can inject or absorb reactive power to stabilize grid voltage and restore system equilibrium, mitigating the risk of voltage collapse and system instability.

By leveraging real-time data and predictive analytics, grid operators can anticipate and mitigate transient stability issues proactively, optimizing grid performance and minimizing the impact of disturbances on system reliability.

The speaker concluded that transient stability enhancement using power electronics in smart grids is essential for maintaining grid resilience and reliability in the face of dynamic disturbances and transient events. By deploying advanced power electronics devices, control algorithms, and energy storage systems, smart grids can improve system damping, enhance voltage stability, and prevent cascading failures, ensuring safe and stable operation in the presence of varying operating conditions and grid disturbances.



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*Dr. Y. Butchi Raju*.....of
.....*Sir C R Reddy College of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S. N. V. Brahmansuvarna Rao
CONVENOR

M
HOD., EEE

K. Srinivas
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*Dr: N: Bhupesh Kumay*.....of
.....*Sir C R Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S. N. V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. S. S. Rao
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*Sri: S:R: Sagax*.....of
.....*Sir C R Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S. N. V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. S. S. Rao
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*Sri: N.V.S.R. Pavan kumar*.....of
.....*Sir C R Reddy College of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

MR
HOD., EEE

Keesava Rao
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*A.S. Prakash Rao*.....of
.....*Sir C R Reddy College of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022** to **09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*Nandigam...Rama..Narayana*.....of
.....*Sir..C.R..Reddy...College...of...Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

MR
HOD., EEE

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*J. Ayyappa*.....of
.....*Sir C R Reddy College of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S. N. V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*M. sunil kumar*.....of
.....*Sir C.R. Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022** to **09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*A. Durga Prasad*.....of
.....*Sir C R Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022** to **09-12-2022**

S. N. V. Brahmachari Rao
CONVENOR

MZ
HOD., EEE

K. Srinivas
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*B: Sambasiva Rao*.....of
.....*Sir C R Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S. N. V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. S. S. Rao
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*K. Kotalah...choudary*.....of
.....*Sir C.R. Reddy College Of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

ML
HOD., EEE

K. Kotalah
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*Sri: G. Ganesh*.....of
.....*Sir C R Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr./Mr./Ms.....*SK: Chan Basha*.....of
.....*Sir C R Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*M:s.:N:l.:N.Yasimha..Rao*.....of
.....*Sir..C.R.Reddy..college..of..Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022** to **09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

M
HOD.,EEE

K...
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*L.V. Narasimha Rao*.....of
.....*Sir C.R. Reddy college of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. Srinivas
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*M. Vijaya Raghavendra*.....of
.....*Sir C.R.Reddy College of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S.N.V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. Venkatesh
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr/Mr./Ms.....*M: Mallikarjuna Reddy*.....of
.....*Sir C R Reddy College of Engineering*.....has participated in A Five
Day Faculty Development Program on “**Applications of Power Electronics in
Smart Grids**” Organised by the **Department of Electrical and Electronics
Engineering**, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh,
India from **05-12-2022 to 09-12-2022**

S. N. V. Brahmachari Rao
CONVENOR

M
HOD., EEE

K. S. S. Rao
PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru – 534007, West Godavari Dist. A.P, India

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Phone no:08812-230840, 2300656 Fax: 08812-224193 Visit us at <http://www.sircrengg.ac.in>

DEPARTMENT OF CIVIL ENGINEERING

Date: 02-12-2022

CIRCULAR

We are Pleased to inform that the Civil Engineering Department is conducting a Five-Day Faculty Development Program on "Concrete – Theory to practice" will be Scheduled from 12-12-2022 to 16-12-2022 at 9.30 AM onwards.

Venue: Computer Centre, Dept. of Civil

HOD-CIVIL

Head of the Department

Civil Engineering

Sir C.R.R. College of Engineering

ELURU-534007, W.G. Dist.

Copy to:

1. All the staff members of Civil Dept.



SIR C R REDDY COLLEGE OF ENGINEERING

ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)
Telephone No: 08812-230840, 230565, Fax: 08812-224193
Website: www.sircrrengg.ac.in

Day wise schedule of FDP on “Concrete – Theory to Practice”

Date	Forenoon (9:30-12:30)	Afternoon (01:00-03:00)
12-12-2022	Integration of Concrete – Theory to Practice. Dr. Jagadish Vengala	Structure of Concrete Dr. Jagadish Vengala
13-12-2022	Microstructure Analysis of Concrete. Dr. Jagadish Vengala	Microscopic Observation of Concrete. Dr. Jagadish Vengala
14-12-2022	Mix Design of Concrete. Dr. Jagadish Vengala	Hands on Session. Dr. Jagadish Vengala
15-12-2022	Non-Destructive testing on Concrete. S. Sai Charan	Non-Destructive testing on Concrete . S. Sai Charan
16-12-2022	Introduction to AI in Civil Engineering. S. Sai Charan	Applications of MAT lab. S. Sai Charan

**SIR C R REDDY COLLEGE OF
ENGINEERING**

Department of Civil Engineering
REGISTRATION CUM NOMINATION FORM
(Photocopies may be used for additional participants)
A Five day Faculty Development Program on
“Concrete – Theory to Practice”
(12-12-2022 to 16-12-2022)

1. Name:
2. Designation:
3. Department:
4. Qualification:
5. Experience (Yrs):
6. College Name:
7. Mobile No:
8. E-mail address:

Mr./Ms./Dr. _____ from
_____ is hereby
permitted to attend the Faculty Development Program
(FDP) on **“Concrete – Theory to Practice”** at
Sir C R Reddy College of Engineering, Eluru from
12-12-2022 to 16-12-2022.

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:
Sri Dr.M.B.S.V.Prasad, Secretary
Sri Jasti Mallikharjunudu, Correspondent.

Patrons:
Dr. K. Venkateswara Rao, Principal

Convener: C. Ramesh Dutt
Head of Department
Department of Civil
Ph: +91 9491374554
E-mail: rrrcivil@gmail.com

Co-Ordinator: Mr. S. Sai Charan
Asst Prof., Department of Civil
Ph: +91 8555056088
E-mail: charan.seethalam@gmail.com

Organizing Committee:
Sri. M. Chandra Kanth, Asst Prof
Sri. N.S.Poornachandra Rao, Asst Prof
Sri. A. Surya Manikantha, Asst Prof
Smt.V.Venkata Sujitha, Asst Prof
Sri. Y. Sasidhar, Asst Prof
Sri. B. Ranjith Kumar, Asst Prof
Smt. A. Sreepriya, Asst Prof
Smt. G. Jyothi, Asst Prof
Sri. Mr. Prasanna Kumar, Asst Prof

**A Five day Faculty Development Program on
“Concrete – Theory to Practice”**

12-12-2022 to 16-12-2022

Organized by Department of
Civil Engineering



**SIR C R REDDY COLLEGE OF
ENGINEERING**

Eluru-534007, West Godavari Dist, A.P., India
(Approved by AICTE, New Delhi & Permanently affiliated
to JNTUK, Kakinada)

ABOUT THE INSTITUTE

Sir C. R. Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and recognized by All India Council for Technical Education (AICTE). This College is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C. R. Reddy College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and magnanimous management. The last two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE & VALUE BASED EDUCATION' to the student community.

The College is situated near Vatluru railway gate in Eluru, the Head Quarters of West Godavari district. It is surrounded by beautiful paddy fields and is on Chennai-Howrah highway and train route. A large number of buses and trains run via this town. It is easily accessible from any part of the country by rail as well as road.

The College is located in its own sprawling campus with an area of 30.48 acres. Its magnanimous infrastructure and greenery attracts the attention of people who pass by. The vast green campus housing several Departments provides a stimulating environment to the high caliber staff and students of the institution.

The Campus at Vatluru is a place where students from all walks of life are under a single umbrella pursuing their BE/B.Tech, M.Tech and MBA courses.

ABOUT THE DEPARTMENT

The Dept. of Civil engineering was established in 2009 with an intake of 60 U.G. students. The Dept. has excellent infrastructure and well-furnished classrooms. The Dept. has well qualified, experienced, and dedicated teaching faculty. The department of Civil Engineering is committed to imparting the knowledge, skills and practical experiences to students such that they are able to formulate and solve practical problems and serve the society. Laboratory experiments, computer aided analysis, design and drawing and tutorial classes are held to build confidence.

About the FDP:

Concrete, from theory to practice, encompasses a comprehensive understanding of its properties, behavior, and application in construction. At its core, concrete is a composite material composed of aggregates, cement, and water, with additives for specific properties. Understanding the theoretical aspects of concrete involves knowledge of its constituents, chemical reactions, and structural behavior under various loads and environmental conditions. Translating theory into practice requires meticulous attention to detail in concrete mix design, considering factors such as desired strength, workability, durability, and environmental conditions. Precise proportioning of aggregates, cement, water, and additives ensures the desired performance characteristics of the concrete. Practical considerations extend to the placement, consolidation, and curing of concrete to achieve optimal strength and durability.

Resource Person:

Dr. Jagadish Vengala, Associate. Professor.

Prasad V. Potluri Siddhartha Institute of Technology

Eligibility: The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry etc.

Selection: The number of Participants is limited to 50 and will be selected on the first-come, first-served basis. The selected candidates will be intimated through e-mail only.

Certificate: Certificate to the participants will be issued on successful completion of the FDP.

Registration Fee: 1050/-.

Form for Registration:

Note: Last date for registration is 28-11-2022.

**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
CONCRETE – THEORY TO PRACTICE
FROM 12-12-2022 to 16-12-2022**

The faculty development programme started on 12th December 2022 at 9:30 am with Dr. Jagadish Vengala. There were external participants from different colleges and institutes and around participants are attending this FDP.

The dignitaries on the stage were Mr. Kommareddy Rambabu garu, President of Sir C R R Educational Institutions and Correspondent of Sir C R Reddy College of Engineering, Mr. N.V.K. Durgarao garu, Secretary of Sir C R R Educational Institutions.

The workshop commenced with an introduction to the fundamental principles of concrete, covering its composition, properties, and basic manufacturing processes. Participants gained insights into the role of cement, aggregates, water, and admixtures in concrete mixtures. Through lectures and interactive discussions, attendees developed a foundational understanding of concrete materials and their behavior in construction applications.

Day 2 focused on concrete mix design and proportioning techniques, emphasizing the importance of achieving the desired strength, workability, and durability properties for specific project requirements. Participants learned about the factors influencing mix design, including aggregate grading, water-cement ratio, and admixture selection. Practical exercises and case studies allowed attendees to apply mix design principles and develop customized concrete mixes tailored to different applications.\

On Day 3, the discussion expanded to concrete construction techniques, covering various methods for batching, placing, consolidating, and finishing concrete. Participants explored best practices for formwork design and construction, reinforcement placement, and concrete curing procedures. Through hands-on demonstrations and site visits, attendees gained practical experience in executing concrete construction tasks and ensuring quality control throughout the construction process.



Dr. Jagadish Vengala, Associate Professor, Prasad V. Potluri Siddhartha Institute of Technology

Day 4 delved into concrete testing and quality assurance procedures essential for verifying compliance with project specifications and ensuring the performance and durability of concrete structures. Participants learned about standard tests for evaluating concrete properties such as compressive strength, slump, air content, and density. Practical demonstrations and laboratory exercises provided hands-on experience in conducting concrete tests and interpreting test results accurately.

The final day of the workshop focused on advanced topics and applications in concrete technology, including innovative materials, sustainable practices, and emerging technologies. Participants explored topics such as high-performance concrete (HPC), self-consolidating concrete (SCC), and ultra-high-performance concrete (UHPC), as well as sustainable construction practices such as recycled aggregates and carbon footprint reduction strategies. Interactive sessions and guest lectures from industry experts provided insights into cutting-edge developments and future trends in concrete technology and construction.

Overall, the Concrete – Theory to Practice workshop provided participants with a comprehensive understanding of concrete principles, practices, and applications from theoretical concepts to practical implementation.



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms. P. Naga Venkata Krishna

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan.
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007. W.G. Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. M. Chandrakanth

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007. W G Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. B. Venkata Srinivasa Rao

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007. W.G.Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. N. S. Poorna Chandra Rao

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan.
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007. W G Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms. M. Dinesh kumar

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan.
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007, W G DIST.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. S. Sai charan

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan.
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007, W G Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms. ch. Ganesh

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007. W G Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms.

G. Jyothi

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU 534007. W G Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. M. Srikanth

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan.
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007, W.G. Dist.

[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

Eluru-534007, West Godavari District, A.P., India

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

CONCRETE - THEORY TO PRACTISE

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. Prasanna Kumar

has participated in the Five-Day Faculty Development Program on "CONCRETE - THEORY TO PRACTISE"
organised by the Department of Civil Engineering during 12-12-2022 to 16-12-2022.

S. Saicharan.
CONVENOR

[Signature]
HOD-CIVIL
Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007. W G Dist.

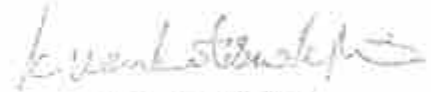
[Signature]
PRINCIPAL
Principal
Sir C.R.R. College of Engineering
ELURU - 534 007

SIR CR REDDY COLLEGE OF ENGINEERING
P.G.COURSES
DEPARTMENT OF MANAGEMENT STUDIES

DATE: 11-12-2022.

CIRCULAR

This is to inform to all faculty of **SIR CRR COLLEGE OF ENGINEERING**, that a faculty development program on **DEVELOPING & SOLVING CASE STUDIES** will be held at library seminar hall from 18-12-2022 TO 23-12-2022. For further details please contact N.Satheesh (coordinator) assistant professor department of management studies.



PRINCIPAL

Principal

Sir C R Reddy College of Engineering
ELURU - 521 007

Copy to:

- 1) The correspondent
- 2) The Member, Management Committee, Designated Representative
- 3) All the HODS

CSE AI&DS	ECE	EEE	IT	MECH	CIVIL	OFFICE



A Y 2022-2023

FDP ON "Developing & Solving Case Studies" Day wise Schedule

DAY 1

SESSION I

- To provide insights about case teaching and writing

SESSION II

- To help the participants to design a teaching plan for cases

DAY 2

SESSION I

- How to effectively use cases to connect with concepts

SESSION II

- How to prepare teaching notes for cases

DAY 3

SESSION I

- Teaching with techniques cases.

SESSION II

- Writing effective case studies and teaching note

DAY 4

SESSION I

- Learning objectives, case position in the course and planning of the case class session.

SESSION II

- Facilitation skill development – case class delivery the board plan and lesson plan.

DAY 5

SESSION I

- Simulation

SESSION II

- Case study design

DAY 6

SESSION I

- Teaching Strategies

SESSION II

- Assessment Techniques.

APPLICATION FORM

1. Name
2. Designation
3. Institution
4. Email
5. Mobile Number
6. Educational qualification:
7. Subjects taught so far:
8. No. Of refresher courses/Workshops attended:
9. Experience(In years):
10. Accommodation required : YES /NO

DECLARATION

The Information Provided Is True As The Best Of My Knowledge. If selected, I Agree to abide by the Rules and regulations.

ELIGIBILITY:

The program is opened to the faculty of MBA, Engineering College and BBA.

Registration Fee: Rs.1200/-

Spot Registration

ADDRESS FOR CORRESPONDENCE

N.Sateesh,
Asst.Professor,
Sir C R Reddy College Of
Engineering,
MBA
Department,
Vatluru,Eluru.
EMAIL:nsatishmba@gmail.com

SPEAKERS OF THIS PROGRAMME

Sri K.RamaKoteswaraRao
(NIT,Silchar,Assam)

Dr.Katla Ashok Kumar
(Associate Professor,WELSUUniversity,Chennai)

Dr.K.Raghu
(Sr.AssistantProfessor,VR Siddhartha College)

J.Madan
(Assistant Professor, MBA, Nannaiah University Campus,
Tadepalligudem)

Dr.A.SriRam
(Professor,VNRVignanjyothi,Hyderabad)

Dr.S.Krishnamurthy Naidu
(Sri Vasavi Engineering College)



FACULTY DEVELOPMENT DEVELOPING AND SOLVING CASE STUDIES

18-12-2022 TO 23-12-2022



**Organized by
Department of MBA**

SIR C.R.REDDY COLLEGE OF ENGINEERING
(approved by AICTE & Affiliated to JNTUK, Kakinada)Vatluru,
West Godavari District, Andhra Pradesh – 534007

Phone: 08812-230840

Fax: 08812-224193

E-Mail:principal.sircrrengg@gmail.com

Website:www.sircrrengg.ac.in

ABOUT COLLEGE

Sir C.R.Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and

recognized by All India Council for Technical Education (AICTE). This college is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C.R.REDDY College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and management. The last Two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE 7VALUE BASED EDUCATION' to the student community.

Adhering to its core values, the institute gives top priority to ethical values and high standards and a commitment to value based education. We believe in working honestly and sincerely, in building trust and in maintaining a long lasting relationship with the society. Our team comprises of highly qualified and motivated faculty. Core competence and a friendly but efficient work culture play an important role in our overall achievements.

ABOUT DEPARTMENT

The Post graduate department of management studies at Sir C.R.Reddy College of Engineering was started in 2007. It has a two - year full time M.B.A. programme, approved by AICTE and affiliated to Andhra University. This department aims at producing quality management professional to the Nation. Its quest is to prepare managers that are professionally competent, ethically conscious and socially responsible to cater to the present day needs of the business and the society. The objective of this department is to develop exemplary Individuals both in profession and in society. The emphasis therefore is not only on academics but also on the overall development of the individual. To ensure this the student is exposed to a rigorous training programme in circular and co-curricular activities. There are 7 Faculty members in the department who are eminently qualified and experienced representing all major streams of management disciplines. The department is a composition of the well experienced and energetic youth. So far the management has incurred Rs.6 lakhs to purchase the books, Rs.18 lakhs to purchase the computers and 5 lakhs to purchase the furniture equipment.

OBJECTIVES OF THE PROGRAM:

To enhance knowledge regarding:

Case teaching and writing

Teaching plan for cases

Using cases to connect with concepts

Teaching notes for cases

Teaching with technique cases

Writing effective case studies and Teaching Note

Planning of the case class session

Teaching strategies

Assessment techniques

Simulation

SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU
P.G.COURSES
DEPARTMENT OF MANAGEMENT STUDIES
Attendance Sheet for FDP on DEVELOPING & SOLVING CASE STUDIES
for A Y 2022-2023 from 18-12-2022 TO 23-12-2022

S.NO	Name of the Faculty	Designation	Signatures					
			18-12-22	19-12-22	20-12-22	21-12-22	22-12-22	23-12-22
16	B.Chowdeswari	Asst.Prof	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>	<i>ch</i>
17	B.L.Poornima	Asst.Prof	<i>luf</i>	<i>luf</i>	<i>luf</i>	<i>luf</i>	<i>luf</i>	<i>luf</i>
18	L.Swetha	Asst.Prof	<i>sw</i>	<i>sw</i>	<i>sw</i>	<i>sw</i>	<i>sw</i>	<i>sw</i>
19	K.Miranji	Asst.Prof	<i>mir</i>	<i>mir</i>	<i>mir</i>	<i>mir</i>	<i>mir</i>	<i>mir</i>
20	M.Vijaya Raghavendra	Asst.Prof	<i>mv</i>	<i>mv</i>	<i>mv</i>	<i>mv</i>	<i>mv</i>	<i>mv</i>
21	E.Kavitha	Asst.Prof	<i>ek</i>	<i>ek</i>	<i>ek</i>	<i>ek</i>	<i>ek</i>	<i>ek</i>
22	Sk.Jaheerunnisa Begum	Asst.Prof	<i>stj</i>	<i>stj</i>	<i>stj</i>	<i>stj</i>	<i>stj</i>	<i>stj</i>
23	N.Sateesh	Asst.Prof	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>	<i>A</i>
24	Ch.Madhavi Latha	Asst.Prof	<i>cl</i>	<i>cl</i>	<i>cl</i>	<i>cl</i>	<i>cl</i>	<i>cl</i>
25	V.Sandeep	Asst.Prof	<i>V-Sandeep</i>	<i>V-Sandeep</i>	<i>V-Sandeep</i>	<i>V-Sandeep</i>	<i>V-Sandeep</i>	<i>V-Sandeep</i>
26	V.Raghav Sai Krishna	Asst.Prof	<i>VRSK</i>	<i>VRSK</i>	<i>VRSK</i>	<i>VRSK</i>	<i>VRSK</i>	<i>VRSK</i>
27	V.Kalpana	Asst.Prof	<i>V-Kalpana</i>	<i>V-Kalpana</i>	<i>V-Kalpana</i>	<i>V-Kalpana</i>	<i>V-Kalpana</i>	<i>V-Kalpana</i>
28	Ch.Sumathi Devi	Asst.Prof						
29	P.Bharat Kumar	Asst.Prof	<i>P-Bharat</i>	<i>P-Bharat</i>	<i>P-Bharat</i>	<i>P-Bharat</i>	<i>P-Bharat</i>	<i>P-Bharat</i>
30	Dr.K Pulla Rao	Assoc.Prof	<i>Pulla-Rao</i>	<i>Pulla-Rao</i>	<i>Pulla-Rao</i>	<i>Pulla-Rao</i>	<i>Pulla-Rao</i>	<i>Pulla-Rao</i>

K.V.Srin
HOD,MBA

K.Venkateswarlu
PRINCIPAL
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007

	<p style="text-align: center;"> SIR CR REDDY COLLEGE OF ENGINEERING ELURU-534007, WEST GODAVARI DISTRICT, ANDHRA PRADESH, INDIA (Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada) Telephone No: 08812-230840, 230565, Fax: 08812-224193 Website: www.sircrrengg.ac.in </p>	
---	--	---

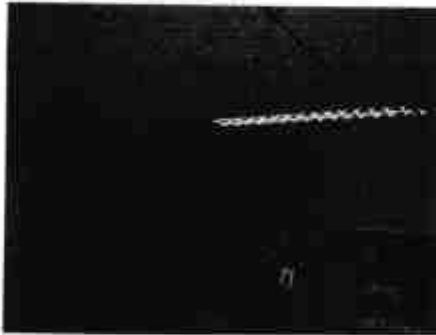
Dt: 24-12-2022

DEPARTMENT OF MANAGEMENT STUDIES

Program Report

Academic Year: 2022-2023

Name of the Event: Faculty Development Program on **"Developing & Solving Case Studies"**
 from 18-12-2022 to 23-12-2022.



Program Report:

Introduction:

The department of MBA of Sir CR Reddy College of Engineering Conducted Faculty Development Program on Case Studies. This Event Initiative aimed to raised target faculty and giving proper guidance and provide training by the best and renowned professors from different colleges.

Event details: -

The Event combines from 18-12-2022 to 23-12-2022 with an active participation of faculty from different colleges about to provide insights about case teaching and writing, to help the participants to design a teaching plan for cases and teaching with techniques and assessment techniques and simulation.

Faculty Development Program on Case Studies:

In order to train and develop the skills of the faculty, the faculty development program on various topics like teaching techniques and simulation was conducted by the professors from different colleges from 18-12-2022 to 23-12-2022.

Engagement:

All the faculty from the different colleges actively participated for the Faculty Development Program on Case Studies. Faculty from different colleges like SIR CR REDDY College of engineering, Ramachandra College of Engineering, Eluru College of Engineering, Vasavi College Engineering and Wise College of Engineering.

Conclusion: -

The effort of the Department of MBA conducted Faculty Development Program on for Case Studies to give proper guidance and training by the renowned professors to the faculty from different colleges.

Acknowledgement:

The Success of this event owes much to the dedicated efforts of the MBA department, the enthusiastic participation of the faculty for Faculty Development Program on Case Studies.

Sincerely,


Program Coordinator.



DEPARTMENT OF MBA

SIR C.R.REDDY COLLEGE OF ENGINEERING

DATE:02/01/2023

certificate of participation

This certificate is proudly presented to

M. Raghav. Sot. Kushan., Asst. Prof., MBA, Sir C.R.R. college of Engineering

**For actively attending the six days faculty development programme
on DEVELOPING & SOLVING CASE STUDIES organised by
Department of MBA , Sir C.R.Reddy college Of Engineering, Eluru
from 18/12/2022 to 23/12/2022**

K. Venkatesh
HOD

K. Venkatesh
PRINCIPAL



DEPARTMENT OF MBA

SIR C.R. REDDY COLLEGE OF ENGINEERING

DATE-02/01/2023

certificate of participation

This certificate is proudly presented to

V. Sandeep, Asst. Prof., MBA, Sir C.R. College of Engineering

For actively attending the six days faculty development programme
on **DEVELOPING & SOLVING CASE STUDIES** organised by
Department of MBA, Sir C.R. Reddy college Of Engineering, Eluru
from 18/12/2022 to 23/12/2022

K. V. Srinivas
HOD

K. Venkateswaraiah
PRINCIPAL



DEPARTMENT OF MBA

SIR C.R.REDDY COLLEGE OF ENGINEERING

DATE:02/01/2023

certificate of participation

This certificate is proudly presented to

Ch: Madhav Lakshmi, Asst. Prof., MBA, Sir C.R. college of Engineering

For actively attending the six days faculty development programme
on **DEVELOPING & SOLVING CASE STUDIES** organised by
Department of MBA, Sir C.R.Reddy college Of Engineering, Eluru
from **18/12/2022 to 23/12/2022**

K.V. Srinivas
HOD

K. Venkateswaraiah
PRINCIPAL



DEPARTMENT OF MBA
SIR C.R.REDDY COLLEGE OF ENGINEERING

DATE: 02/01/2023

certificate of participation

This certificate is proudly presented to

N. Sateesh / Asst. Prof. / MBA, Sir C.R. College of Engineering

For actively attending the six days faculty development programme
on **DEVELOPING & SOLVING CASE STUDIES** organised by
Department of MBA, Sir C.R.Reddy college Of Engineering, Eluru
from 18/12/2022 to 23/12/2022

K. Srinivas
HOD

K. Venkatesh
PRINCIPAL



DEPARTMENT OF MBA

SIR C.R.REDDY COLLEGE OF ENGINEERING

DATE: 02/01/2023

certificate of participation

This certificate is proudly presented to

...Sk. Taherunnisa Begam, Asst. Prof., MBA, Sir C.R. college of Engineering

**For actively attending the six days faculty development programme
on DEVELOPING & SOLVING CASE STUDIES organised by
Department of MBA , Sir C.R.Reddy college Of Engineering, Eluru
from 18/12/2022 to 23/12/2022**

K. Srinivas
HOD

K. Venkatesh
PRINCIPAL

DEPARTMENT OF MBA

SIR C.R.REDDY COLLEGE OF ENGINEERING

DATE: 02/01/2023

certificate of participation

This certificate is proudly presented to

Dr. Kavitha, Asst. Prof., MBA, Sir C.R.R. college of Engineering...

For actively attending the six days faculty development programme
on **DEVELOPING & SOLVING CASE STUDIES** organised by
Department of MBA, Sir C.R.Reddy college Of Engineering, Eluru
from 18/12/2022 to 23/12/2022

K. Venkateswara
HOD

K. Venkateswara
PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada,

Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NOTICE

Attention to all Non-Teaching Staff Members

Date: 02-11-2022

It is to inform all the Non-Teaching staff members that "A 1-day Skill Development Program on "Microsoft Office & Photoshop" is going to be organized on 17-11-2022.

Hence all the interested Non-Teaching staff members are advised to participate in this program and get benefited.

Principal
Principal
Sir C R Reddy College of Engineering
ELURU - 534 007

**REPORT ON SKILL DEVELOPMENT PROGRAMME ON
MICROSOFT OFFICE & PHOTOSHOP ON 17-11-2022**

The Skill development programme started on 17th November 2022 at 9:00 am with Jyothi Prajwalana. There were 13 internal participants from different departments of our college who have attended this SDP.

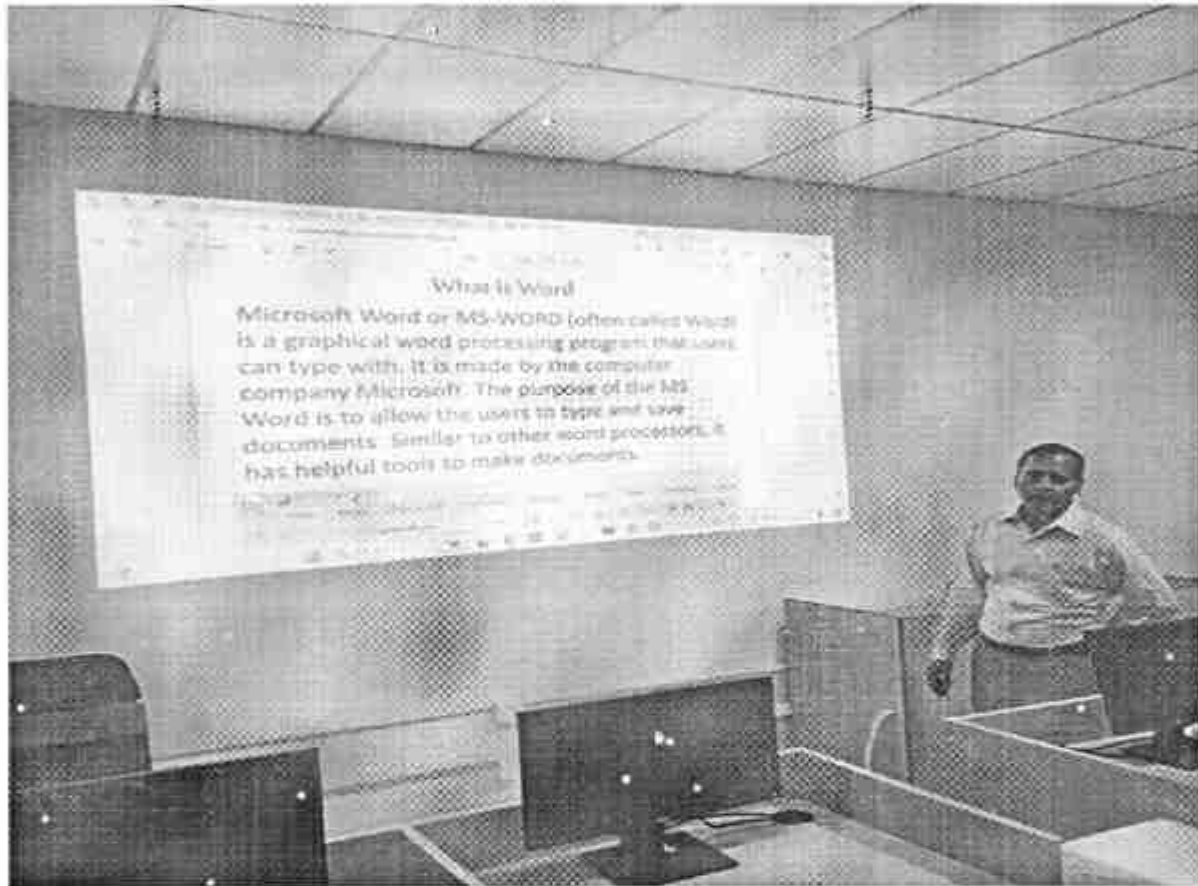
The dignitaries on the stage were Mr. Kommareddy Rambabu garu, President of Sir C R R Educational Institutions and Correspondent of Sir C R Reddy College of Engineering, Mr. N.V.K. Durgarao garu, Secretary of Sir C R R Educational Institutions.



Addressing all the Participants of SDP by Dr. A. Yesubabu sir, HoD, CSE Dept.

Opening remarks for the SDP were given by Chief Guests, which was followed by an introduction to the programme by Sri J.S.V.G.Krishna, Assoc. Professor, Sir C R Reddy College of Engineering. He also gave a glimpse of the activities going on in various locations and the usage of Microsoft Office & Photoshop in various areas. Introduction to the SDP and the highlights of MS-Office & its usage & also about Photoshop & its usage by Dr.G.Nirmala, thereafter, the message from Honourable Founder President was read out by Sri K.Rambabu garu. The programme progressed with the inaugural lecture at 9:30 am by Sri J.S.V.G.Krishna garu in which he mainly focused on the basics of MS Office & Photoshop, usage of MS Office tools & Photoshop tools & doing some exercises on them. He also played a video on the basic requirements for the installation of MS Office & Photoshop & their usage on the computer. The next speaker was Prof. Dr. A. Yesubabu, Head of the Department of Computer Science and Engineering, Sir C R Reddy College of Engineering.

He mainly talked about the coverage of important topics on MS Office & Photoshop & their usage in various places by different types of People which was followed by a brain storming session.



Addressing all the Participants of SDP by Sri J.S.V.G.Krishna

The afternoon session started off with the lecture by Sri J.S.V.G.Krishna on the applications of Microsoft Office & the applications of Photoshop in various areas in the Real world scenario.

This led to the end of the lecture in the one-day programme. A concluding session followed after the tea break in which participants shared their experiences. Participants shared their experiences and talked about their enriching experience at the SDP. Thereafter Dr. A.Yesubabu, gave his concluding remarks and distributed the certificates to the internal participants. At the end Dr. M. Krishna gave the vote of thanks and concluded the one-day Skill development programme.



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

Mr. S. Jayarama Krishna

From Sir. C. R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.



HEAD OF THE DEPARTMENT



PRINCIPAL





SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

T. S. Anand

From Sir C. R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



K. Venkata
PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

K. S. Sirisha

From Sir C.R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.



HEAD OF THE DEPARTMENT





PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

P. V. PadmaVathi

From Sir C.R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

A. Yesubabu

From Sir. C. R. Reddy College of Engng has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



K. V. Venkatesh
PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

P. Routh

From Sir CR Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

M. Sravani

From Sir. CR Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

G. L. Ganesh Babu

From Sir. C.R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

B. Rangamma

From Sir. C.R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.



HEAD OF THE DEPARTMENT





PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

B. Pratima

From Sir C R Reddy College of Engineering has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.



HEAD OF THE DEPARTMENT



PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

G. Menalidhara Rao

From Sir. C. R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.



HEAD OF THE DEPARTMENT





PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

D. Leela Kumari

From Sir. C.R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

G. Kali Krishna

From Sir. C.R. Reddy College of Engg has successfully completed
Skill Development Program on "Microsoft Office & Photoshop" at Sir C R Reddy College Of
Engineering on 17-11-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL