

Estd. 1989

SIR C R REDDY COLLEGE OF ENGINEERING

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

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

www.sircrengg.ac.in



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FAX : (08812) 224193
Email: principal.sircrengg@gmail.com

List of Full time Teachers Participated in Professional Development Programs

AY:2021-22

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 Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
2	Dr. M. Sri Rama Murthy	Professor	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
3	Dr. K. Sunil Ratna Kumar	Assoc.Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
4	Sri D.Satyanarayana	Sr.Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
5	Dr. T. Rama Krishna	Assoc.Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
6	Sri E. Venkateswara Rao	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
7	Sri K.V.P.P. Chandu	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
8	Sri Ch. Rama Krishna	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
9	Sri B.V. Subrahmanyam	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
10	Sri S.V. Gopala Krishna	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021

11	Mrs. Ch. Lakshmi Poornima	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
12	Sri L.N.V. Narasimha Rao	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
13	Sri Ch. Chandra Rao	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
14	Sri A. Srinivasa Rao	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
15	Sri E. Srinivas	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
16	Sri A. S. Ganapathi	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
17	Sri V. Naveen Kumar	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
18	Sri S. Daniel Ephraim Babu	Asst. Prof	One week FDP on Advanced Trends in Engineering	13-09-2021 to 18 -09-2021
19	P RAMAIAH CHOWDARY	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
20	B LALITHA BHAVANI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
21	G PAVAN	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
22	E BALAKRISHNA MANASH	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
23	V GOPINATH	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
24	YALLAMANA CH	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
25	P RAJENDRA KUMAR	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
26	Y SIVA KOTESWARA RAO	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
27	N DURGA PRASANNA	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
28	A KOTESWARAMMA	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021
29	U PALLAVI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10-2021

30	K NANDINI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
31	CH POOJA RANI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
32	M DIVYA SUMITHRA	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
33	Dr S KRISHNA RAO	PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
34	K VIJAYA LAKSHMI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
35	Dr K SATYANARAYANA	ASSOC PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
36	Dr G CHAMUNDESWARI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
37	N SAMEERA	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
38	N PRASAD	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
39	T SATYA NAGAMANI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
40	G KRISHNAVENI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
41	J MALATHI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
42	G VIHARI	ASST PROFESSOR	Practicing Cloud Computing With AWS	04-10-2021 to 08-10- 2021
43	SK.JAHEERUNNISA BEGUM	Assistant professor	FDP ON PEDAGOGY FOR EFFECTIVE TEACHING	13-11-2021 to 18-11- 2021
44	CH.MADHAVI LATHA	Assistant professor	FDP ON PEDAGOGY FOR EFFECTIVE TEACHING	13-11-2021 to 18-11- 2021
45	V.SANDEEP	Assistant professor	FDP ON PEDAGOGY FOR EFFECTIVE TEACHING	13-11-2021 to 18-11- 2021
46	V.RAGHAV SAI KRISHNA	Assistant professor	FDP ON PEDAGOGY FOR EFFECTIVE TEACHING	13-11-2021 to 18-11- 2021
47	Seethamraju Raghunath Sagar	Assoc. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12- 2021
48	Dr. Namdeti Bhupesh Kumar	Professor	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12- 2021
49	Dr. Maddipati Veera Kumari	Assoc. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12- 2021

50	Tummala Kranthi Kiran	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
51	Nandigam Rama Narayana	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
52	Javangula Ayyappa	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
53	Palety Naga Sowjanya	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
54	Motepalli Sunil Kumar	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
55	Tata Deepti Prasanna	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
56	Attada Durga Prasad	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
57	Ravilla Madhusudan	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
58	Katta Venkatesh	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
59	Bandreddy Sambasiva Rao	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
60	Chaganti Prasanna Lakshmi	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
61	Tella Nagaraju	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
62	Koyi Kotaiah Chowdary	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
63	Shaik Chanbasha	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
64	Goriparthi Ganesh	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021
65	Madduri Siva Naga Lakshmi Narasimha Rao	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12-2021

66	Lingamaneni Vamsi Narasimha Rao	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12- 2021
67	Mesineti Vijaya Raghavendra	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12- 2021
68	Madire Mallikarjuna Reddy	Asst. Prof	Recent trends in Power Quality Improvement Technologies	06-12-2021 to 10-12- 2021
69	P.J.S.Tejomurthy	Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
70	N.Lavanya	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
71	R.satish	Ass Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
72	V.veerraju	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
73	V.Swathi	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
74	N.Swathi	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
75	A.Ram kumar	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
76	K.Radha	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
77	M.Vamsi krishna allu	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
78	R.Trinadh	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
79	K.Lavanya	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
80	K.Miranji	Asst Proffesor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021
81	G.Srilatha	Asst professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12- 2021

82	M.Narendra Kumar	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
83	P.Sowmithri	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
84	N.Suneetha	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
85	V.Surendra Babu	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
86	M.greeshma	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
87	D.Ajay Kumar	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
88	CH.Ravi Kumar	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
89	P.Hareesh	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
90	CH.jaya prakash	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
91	K.J.S Lorraine	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
92	Mrs.Vamsi Sudheera	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
93	H.sudhakar	Asst Professor	Disruptive technologies in electronics and communication	27-12-2021 to 31-12-2021
94	Dr M Krishna	Professor	FDP on Data Science	03-01-2022 to 07-01-2022
95	J S V Gopala Krishna	Associate Professor	FDP on Data Science	03-01-2022 to 07-01-2022
96	K Anil Chowdary	Associate Professor	FDP on Data Science	03-01-2022 to 07-01-2022
97	Dr. G Nirmala	Associate Professor	FDP on Data Science	03-01-2022 to 07-01-2022
98	Dr. N Deepak	Associate Professor	FDP on Data Science	03-01-2022 to 07-01-2022
99	K N Madhavi Latha	Associate Professor	FDP on Data Science	03-01-2022 to 07-01-2022

100	Dr. B Madhav Rao	Associate Professor	FDP on Data Science	03-01-2022 to 07-01-2022
101	S Mohan Babu Chowdary	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
102	Konda Sreenu	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
103	K Chaitanya Deepthi	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
104	Y L Sandhya Rani	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
105	M Ganesh Babu	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
106	G Satyanarayana	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
107	Homer Benny Bandela	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
108	Ch Rama Devi	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
109	R S K Chaitanya	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
110	Samparathi V S Kumar	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
111	P Naga Deepthi	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
112	M Madhava Rao	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
113	Vahiduddin Shariff	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
114	V V Deepthi Donavalli	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
115	V Pranav	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
116	K Swathi	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
117	Ch Srinivas	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
118	T Koti Mani Kumar	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
119	Rama Lakshmi B	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
120	T Usha Rani	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
121	Ch Sudhakar	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
122	Unni Kiran Jaladhi	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022

123	A Ram Kumar	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
124	M Siva Ganesh	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
125	Y Anjani	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
126	Dr K Varada Rajkumar	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
127	S Jaya Prakash	Assistant Professor	FDP on Data Science	03-01-2022 to 07-01-2022
128	A.Ram kumar	Asst Professor	Data Science	03-01-2022 to 07-01-2022
129	K.Srinivasa Rao	Assoc. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
130	M.Chandrakanth	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
131	K.Hanumanth rao	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
132	K.Dharani	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
133	K.Kiran Kumar	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
134	Y.Sasidhar	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
135	G.Komalraj	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
136	T.Sivarama Krishna	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
137	B.Ranjith Kumar	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
138	CH.Lakshmi nagabala	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
139	A.Sreepriya	Asst. Prof	Principal of Foundation Engineering for Rural Housing	07-02-2022 to 11-02-2022
140	Dr. K. Ramanjaneyulu	Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022

141	Mr. A. Srinivas	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
142	Mr. B. Kanaka Raju	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
143	Mr. S. Sree Rajesh	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
144	Mr. K. Gangadhara Rao	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
145	Mrs. V. Vijaya lakshmi	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
146	Mrs. P. Venkata Vasavi	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
147	Mr. Shake Baji	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
148	Mrs. P. Anitha Vijaya Sri	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
149	Mrs. M. Durga Ratnam	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
150	Mr. S. Ravi Kumar	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
151	Mr. V. Ravi Kiran	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
152	Mr. M. Veeranjanyulu	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
153	Mrs. D. Ganga Bhavani	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
154	Mrs. Swetha Lanka	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
155	Mrs. Devi Naga Prasanna B	Asst. Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
156	Mrs. K. V. Uma Karuna Devi	Asst. Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
157	Mr. M. Anand Kumar	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
158	Mr. R. Pavan Kumar	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
159	Mrs. Syed Zareena	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
160	Mrs. Sushma Patnaik	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
161	Mrs. G. Tejaswi Pushpa	Asst Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
162	Ms. Sidhadapu Sireesha	Asst. Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
163	Ms. V. Pravallika	Asst. Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022

164	Ms.K. Madhavi	Asst.Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
165	Mrs.D. Anusha	Asst.Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
166	Mrs. K. Bharathi	Asst.Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022
167	Mrs. K. Vijana	Asst.Professor	Advanced Research Methodology	07-02-2022 - 11-02-2022

List of Non-Teaching staff participated in Skill Development Program

AY:2021-22

S.NO	Name of the Staff	Designation	Name of the Program	Date and Duration
1	P. Ruth	Technician	Python Programming	04-01-2022
2	K. S. Sirisha	Junior Programmer	Python Programming	04-01-2022
3	A.Yesubabu	Programmer	Python Programming	04-01-2022
4	S. Jaya Rama Krishna	Technician	Python Programming	04-01-2022
5	M. Sravani	Junior Assistant	Python Programming	04-01-2022
6	G. L . Ganesh Babu	Computer Operator	Python Programming	04-01-2022
7	P. Pratima	Technician	Python Programming	04-01-2022
8	T. S. Anand	Junior Assistant	Python Programming	04-01-2022
9	B.Rangamma	Technician	Python Programming	04-01-2022
10	G. Muralidhara Rao	Junior Assistant	Python Programming	04-01-2022
11	P. V. Padmavathi	Junior Assistant	Python Programming	04-01-2022
12	G. Kali Krishna	Hardware Technician	Python Programming	04-01-2022
13	D. Leela Kumari	Junior Programmer	Python Programming	04-01-2022

[Signature]
IQAC



[Signature]
PRINCIPAL
Principal
S 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.sircrrengg.ac.in>

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 01-09-2021

CIRCULAR

We are Pleased to inform that all the faculty of Mechanical Engineering Department is conducting a Six-Day Faculty Development Programme on "Advanced Trends in Engineering" will be Scheduled from 13-09-2021 to 18-09-2021 at 9.30 AM onwards.

Venue: Library Seminar Hall

K. Hanumanth Reddy
Head of the Department
Head of the Department
Mechanical Engineering

Copy to:

1. All the staff members of Mechanical Dept.



SIR C R REDDY COLLEGE OF ENGINEERING

EJURU-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 “Advanced Trends in Engineering”

Date	Slot-1 (10:00-12:00)	Slot-2 (02:00-04:00)
13/09/2021	Recent advances in Polymeric composites for structural applications. T N V Ashok Kumar	What is hybrid nano composite, engineering, science and technology. T N V Ashok Kumar
14/09/2021	An overview on composite materials. T N V Ashok Kumar	Graphene oxide: A promising composite material. T N V Ashok Kumar
15/09/2021	Fatigue testing of composites. DR K Sunil Ratna Kumar	TiO ₂ -carbon(sp ₂) based sustainable nano hybrids: Exploring photo catalytic and optical properties. DR K Sunil Ratna Kumar
16/09/2021	Chemical synthesis of nano materials and nano composites: their applications, opportunities and challenges. DR K Sunil Ratna Kumar	Vibration and noise control of composite panels with smart materials. DR K Sunil Ratna Kumar
17/09/2021	A smart and multifunctional NiMnSn advance magnetic materials. DR K Sunil Ratna Kumar	Magneto Rheological fluids and its applications. DR K Sunil Ratna Kumar
18/09/2021	Finite element formulation for vibration and buckling characteristics of hybrid fibre metal laminates. DR K Sunil Ratna Kumar	Software FEM modelling and analysis of Isotropic and composite plates. DR K Sunil Ratna Kumar

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: 11.09.2021

Chief Patrons

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

Advisory Committee

Dr. G.Sambasiva Rao, Principal

Convener

Dr. K.Venkateswara Rao, Professor & H.O.D

Co-ordinators

Dr. K.Rambabu, 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.Alekhya, 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.Chandra Rao, Assistant Professor

One Week
FACULTY DEVELOPMENT PROGRAMME
ON

ADVANCED TRENDS IN
ENGINEERING

13th - 18th September 2021

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:

The aim of this FDP is to provide an opportunity to the researchers, engineers, and academics to sharpen their research skills to find new trends, explore new ideas, and gain knowledge related to recent developments in material science. This FDP will provide in-depth knowledge of advancement in materials, their fundamental characteristics, synthesis, characterization and applications in different domains. The scheme is designed to enhance the teaching and other skills of the faculty. And to make them aware about modern teaching tools and methodologies. It provide an opportunity to acquire knowledge about current technological developments in relevant fields. It will not only promote the professional practices relevant to technical education but also motivates the faculty to achieve competitive teaching and learning environment, thus channelizing development with respect to academic qualifications and personal matters.

Resource Persons:

1. T.N.V Ashok Kumar
Assistant professor,
Sasi Institute of Technology and Engineering,
Tadepalligudem.
2. Dr.K. Sunil Ratna kumar
Associate Professor,
Sir CRR College of Engineering, Eluru.

Venue:

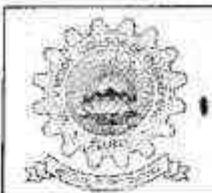
Library Seminar Hall,
Sir CRR College of Engineering, Eluru.

Correspondence:

Sri T.Rama Krishan, Assistant Professor,
Sri V.Naveen Kumar, Assistant Professor
Department of Mechanical Engineering, Eluru -
534007.

Ph No: 9000871979

Email ID: naveen.vnk@gmail.com



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 "Advanced Trends in Engineering"

A 6 days Faculty development programme on "Renewable Energy Sources" was successfully conducted in the Sir C R Reddy College of Engineering campus, on 13th – 18th September 2021 by Mechanical department.

The programme was inaugurated in the morning at the library seminar hall on 13th September 2021 by hands of Dr. G Sambasiva Rao garu (Principal), Dr. K Venkateswara Rao garu (Head of the department), Sri T N V Ashok Kumar garu (Assistant Professor, Sasi Institute of Technology & Engineering), Dr. K Sunil Ratna Kumar garu (Associate Professor, Sir C R Reddy College of Engineering). In the inaugural speech, Dr. K Venkateswara Rao garu welcomed the Honorable Speakers. Mrs. M N V Alekhya garu introduced the guest speaker.

On the first two days of the FDP (13th & 14th September) Sri T N V Ashok Kumar garu introduced about recent advances in Polymeric composites for structural applications. He also explained about hybrid nano composite, engineering, science and technology. Later, he gave an overview on composite materials and explained about graphene oxide, which is acting as a promising composite material.

The next four days of the FDP (15th - 18th September) Dr. K Sunil Ratna Kumar garu explained about fatigue testing of composites, and also explained about TiO₂-carbon(sp²) based sustainable nano hybrids and its exploring photo catalytic and optical properties. He also introduced about chemical synthesis of nano materials and nano composites and their applications, opportunities and challenges. vibration and noise control of composite panels with smart materials. He discussed about a smart and multifunctional NiMnSn advance magnetic materials, Magneto Rheological fluids and its applications. He closes the FDP with the topic of finite element formulation for vibration and buckling characteristics of hybrid fiber metal laminates and software FEM modelling and analysis of Isotropic and composite plates.

The FDP ended with a feedback session and distributing participating certificates. Sri A S Ganapathi 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 "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL




SIR C R REDDY COLLEGE OF ENGINEERING

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

Certificate of Participation

This is to certify that Mr. / Ms. Dr. M. Sri Rama Murthy of
MECHANICAL Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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Certificate of Participation

This is to certify that Mr. / Ms. Dr. K. Sunil Ratha Kumar of
MECHANICAL Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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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 "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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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 "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.

T. Rama Krishna
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
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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 "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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Certificate of Participation

This is to certify that Mr. / Ms. Sri K.V.P.P. chandu of
MECHANICAL Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.

K. Srinivas Reddy
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

K. Srinivas Reddy
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. Rama Krishna of
MECHANICAL Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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Certificate of Participation

This is to certify that Mr. / Ms. Sri B.V. Subrahmantram of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.

N. Ram Reddy
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri S.V. Gopala Krishna of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.

N. Narayana Reddy
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
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Vathuru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Mrs. Ch. Lakshmi Perisima of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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Certificate of Participation

This is to certify that Mr. / Ms. Sri L.N.V. Narasimha Rao of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.

K. Narasimha Rao
HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING

[Signature]
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

Certificate of Participation

This is to certify that Mr. / Ms. Sri Ch. Chandra Rao of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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Certificate of Participation

This is to certify that Mr. / Ms. Sri. A. Srinivasa Rao of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.

N. Narayana Reddy
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MECHANICAL ENGINEERING

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

Certificate of Participation

This is to certify that Mr. / Ms. Sri E. Srinivas of
MECHANICAL Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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Certificate of Participation

This is to certify that Mr. / Ms. Sri A.S. Ganapathi of
MECHANICAL Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.

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

A. S. Reddy
PRINCIPAL




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

Certificate of Participation

This is to certify that Mr. / Ms. Sri V. Naveen Kumar of
Mechanical Department has participated in the Six Day Faculty Development
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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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 "Advanced Trends in Engineering" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 13-09-2021 to 18-09-2021.


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DEPARTMENT OF INFORMATION TECHNOLOGY

Notice

Date: 20-09-2021

It is to inform all the Staff that a “Five day Faculty Development Program on Practicing Cloud Computing with AWS” by S UMA SESHAGIRI RAO, Assistant Professor, Department of Computer Science Engineering, Eluru College of Engineering and Technology- Eluru, is going to organize from 04th to 08th October 2021. 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 Programme: PRACTICING CLOUD COMPUTING WITH AWS

Day wise Schedule

Offline in SIR C R REDDY COLLEGE OF ENGINEERING

(04TH – 08TH OCTOBER 2021)

04-10-2021	05-10-2021	06-10-2021	07-10-2021	08-10-2021
9.00AM– 9.30 AM				
Inauguration	9.30AM – 11.00AM	9.30 AM– 11.00AM	9.30AM– 11.00AM	9.30 AM – 11.00AM
9.30AM– 11.00 PM Introduction • Overview of AWS cloud computing services	Exploring AWS Services • Core compute services: • Amazon EC2	Launching an EC2 instance • Configuring an S3 bucket and uploading files • Setting up a relational database using Amazon RDS	Developer Tools: AWS Lambda	Security and Identity Networking Services IoT (Internet of Things)
11.00AM–01.00PM	11.00AM–01.00 PM	11.00AM–01.00PM	11.00AM–01.00 PM	11.00AM –01.00 PM
Getting Started • Creating an AWS account • Navigating the AWS Management Console	• AWS Lambda • Storage services: • Amazon S3 • Amazon EBS	• Implementing security best practices with AWS IAM	AI/ML Services: • Amazon SageMaker • Amazon Rekognition	INDUSTRIAL VISIT
01.00PM-02.00PM	01.00PM-02.00PM	01.00PM-02.00PM	01.00PM-02.00PM	01.00 PM -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 – 5.30PM	03.00PM – 5.30PM	03.00PM– 5.30PM	03.00PM – 5.30PM	03.00PM – 5.30PM
Hands-on exercises	Hands-on exercises	Hands-on exercises	Hands-on exercises	VALIDICTORY


HOD

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

SRI C.R. REDDY COLLEGE OF ENGINEERING

Department of Information Technology
REGISTRATION-CUM-NOMINATION FORM

(Participating fees may be used for other participants)
Five-day Faculty Development Program
"Practicing Cloud Computing with AWS"
(04th to 08th October 2021)

- Name
- Designation
- Department
- College
- Experience (Yrs)
- College Name
- Mobile No.
- E-mail address
- Mr/Ms./Dr.

_____ is hereby permitted to attend Faculty Development Program (FDP) on "Applied Machine Learning & Deep Learning" at Sri C.R.Reddy College of Engineering Eluru from 04th to 08th October 2021.

Place: _____ Date: _____ Signature _____

COORDINATING COMMITTEE

Chief Patron:
Dr. S.V. Prasad, Secy
Dr. K. Allikharinuni, Asst. Prof.

Patrons:
Dr. K.V. Venkateswar Rao, Principal

Co-ordinator:
Dr. K. Krishna Kumar, Asst. Prof.
Department of HOE
Department of IT
Ph: 85042479
E-mail: krishna@crredyc.edu

Co-ordinator:
Dr. K. Krishna Kumar, Asst. Prof.
Department of IT
Ph: 85042479
E-mail: krishna@crredyc.edu

Organizing Committee:
Dr. T. Satyanarayana, Asst. Professor
Dr. N. Prasad, Asst. Professor
Dr. G. Krishna Reddy, Asst. Professor
Dr. S. Mani, Asst. Professor
Dr. G. Bhaskar Reddy, Asst. Professor
Dr. Ch. Sankar Reddy, Asst. Professor

Faculty Development Program on "Practicing Cloud Computing with AWS"

04th to 08th October 2021

Organized by Department of Information Technology



SRI C. R. REDDY COLLEGE OF ENGINEERING

Eluru-534001, West Godavari Dist, A.P., India
(Approved by AICTE New Delhi & presently 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 Yaturu 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 Yaturu 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, Collaboration and Interactivity. The Information Technology Department in Sir C.R.COE 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 **Cloud Computing with AWS**. 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 **Cloud Computing with AWS** fields to fulfil the ongoing demands in research and academic activities.

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

Resource Person

Sri S LMA SESHAGIRI RAO, Assistant Professor,

Eluru College of Engineering and 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 notified through email only.

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

Registration fee: 250/-

Link for Registration

Note: Last date for registration is 01-10-2021.

SIR C.R. REDDY COLLEGE OF ENGINEERING

FIVE DAYS FACULTY DEVELOPMENT PROGRAM ON

"PRATICING CLOUD COMPUTING WITH AWS"

(04-10-2021 TO 08-10-2021)

SNO	NAME OF FACULTY	COLLEGE NAME	DEPT	SIGNATURE				
				04-10-2021	05-10-2021	06-10-2021	07-10-2021	08-10-2021
1	Dr. S. Krishna Rao	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
2	V. Siva Koteswara Rao	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
3	A. Koteswaramma	SRGEC	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
4	Dr. K. Subhanarayana	Sir CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
5	Dr. G. Channudewa	Sir CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
6	G. Vibhavi	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
7	P. Ramakrishna	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
8	T. Subhanarayana	Sir CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
9	G. Pavan	Sir CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
10	V. Gopinath	CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
11	E. Balakrishna Murthy	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
12	N. Prasad	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
13	U. PALLAVI	SRGEC	CSE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
14	K. Nandini	SRGEC	CSE	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
15	N. Srinidhi	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
16	Yallamanda Ch	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
17	G. Kanthaveni	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
18	P. Rajendrakumar	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
19	Ch. Pooja Rani	SRGEC	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
20	K. Ujjwalashmi	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
21	J. Malathi	SIR CRR COE	IT	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

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HOD.

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

REPORT ON FACULTY DEVELOPMENT PROGRAMME ON PRACTING CLOUD COMPUTING WITH AWS

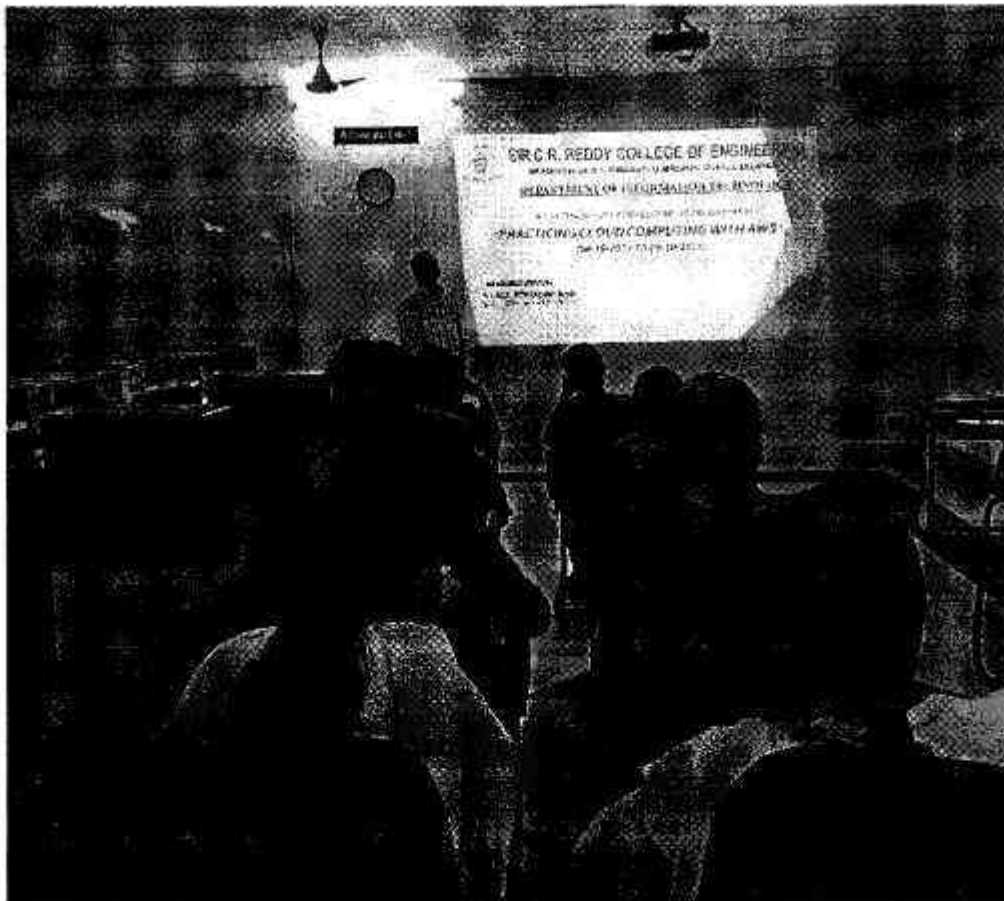
(04 OCTOBER TO 08 OCTOBER 2021)

The Faculty Development Programme on PRACTING CLOUD COMPUTING WITH AWS commenced on October 04, 2021, 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 Cloud Computing 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 Cloud Computing.



The Faculty Development Programme on Cloud Computing commenced with a robust introduction and highlighted the essence of the event. Sri S Uma Sesharigi Rao, with her insightful commentary, paved the way for an enriching learning experience by shedding light on the significant advancements in Cloud Computing. 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 Cloud Computing, 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 Cloud Computing. 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 Sri S Uma Sesharigi Rao, Asst. Professor, further enriched the programme, as she shared his profound expertise in Cloud Computing 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 Cloud Computing. This session fostered an environment of camaraderie and shared learning, further enriching the overall experience of the FDP.

The next lecture was given by Smt. T. Satya Naga Mani, Asst. 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 Cloud Computing 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 Sri N Prasad, Asst. Professor, gave the vote of thanks and concluded the five days faculty development programme.

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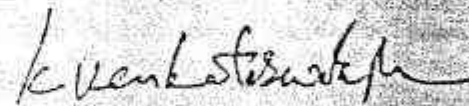
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CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms P. RAMAIAH CHOWDARY has participated in a 5day Faculty Developement Program on "Practicing Cloud Computing with AWS" from 04th - 08th October 2021, organized by Department of Information Technology.



Dr. S. Krishna Rao
HOD



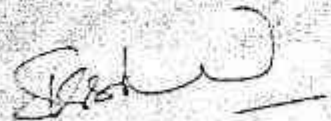
Dr K. Venkateswara Rao
Principal

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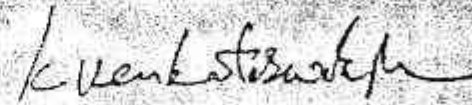
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Dr. S. Krishna Rao
HOD



Dr K. Venkateswara Rao
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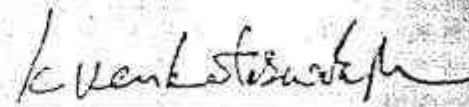
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Dr. S. Krishna Rao
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Dr K. Venkateswara Rao
Principal

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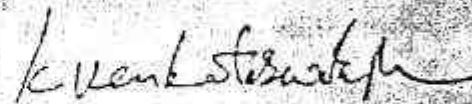
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Dr. S. Krishna Rao
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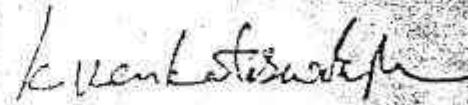
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HOD



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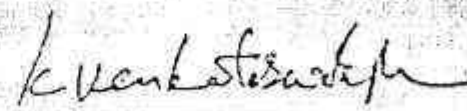
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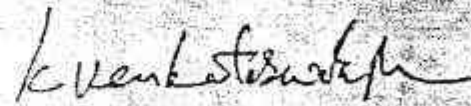
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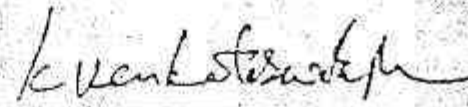
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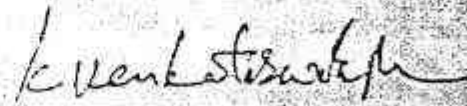
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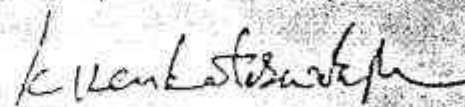
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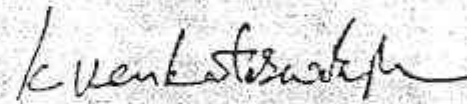
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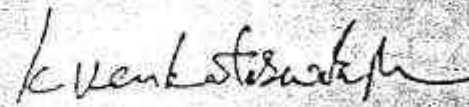
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This is certified that Mr./Ms N.V.S.R. VIJAYA LAKSHMI has participated in a 5day Faculty Developement Program on "Practicing Cloud Computing with AWS" from 04th - 08th October 2021, organized by Department of Information Technology.



Dr. S. Krishna Rao
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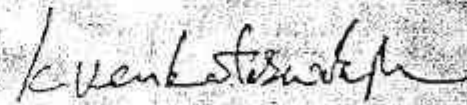
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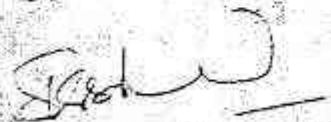
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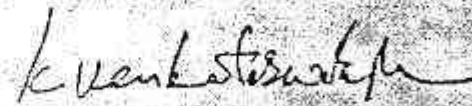
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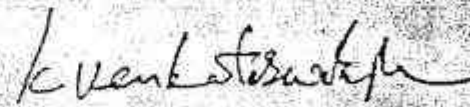
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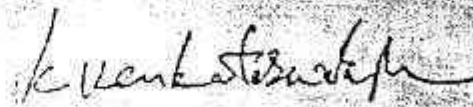
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Dr. S. Krishna Rao
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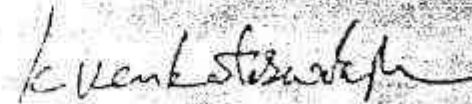
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Dr. S. Krishna Rao
HOD



Dr K. Venkateswara Rao
Principal

SIR CR REDDY COLLEGE OF ENGINEERING


P.G.COURSES

DEPARTMENT OF MANAGEMENT STUDIES

DATE: 30-11-2021.

CIRCULAR

This is to inform to all faculty of SIR CRR COLLEGE OF ENGINEERING, that a faculty development program on PEDAGOGY FOR EFFECTIVE TEACHING will be held at library seminar hall from 13-11-2021 to 18-11-2021. For further details please contact N.Satheesh (coordinator) assistant professor department of management studies.



PRINCIPAL

Principal

Sir C R Reddy College of Engineering
ELURU - 534 007

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

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

V. Sandeep,

Asst.Professor,

Sir CRR College Of Engineering

MBA Department,

Vatluru, Eluru.

Email:crr.vsandeep@gmail.com

Contact: 9441695981

SPEAKERS OF THIS PROGRAMME

B. Ravikanth

(Deputy Director, Geetham's, Vizag)

Dr. HariBabu

(Assistant Professor, MBA Department, V R Siddartha)

Dr. Y. Sowjanya

(Professor, MBA Department, Sir CRR Autonomous College)

Dr. B. V. V. Bala Krishna

(Assistant Professor, Department of Political Science, Sir CRR Autonomous College)

Dr. P.S.V. Padma Latha

(HOD & Associate Professor, MBA, Ramachandra College Of Engineering)

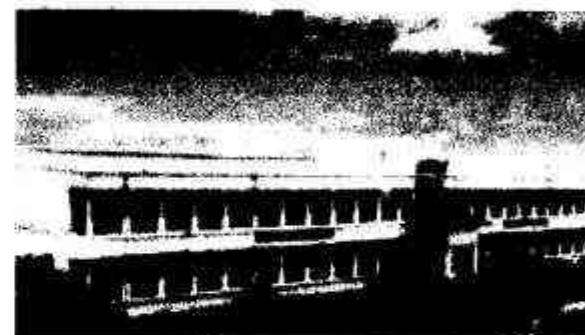
B. Gopi Krishna

(Dean Training & Placement)



FACULTY DEVELOPMENT PEDAGOGY FOR EFFECTIVE TEACHING

13-11-2021 TO 18-11-2021



**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:

Communication for Teacher

Classroom Effectiveness

Scholarly Writing/ Academic Writing

Developing Case – Studies

Role Play and Scenario Analysis

Integrating Technology In Teaching

Art of Teaching

Social Media for Education,

Communication Skills

Establishing Teacher – Student

Congruence for Effective Learning

Advanced Leadership Skills

Emotional Intelligence

Estd. 1989
SIR C. R. REDDY COLLEGE OF ENGINEERING

HELINSU-534007, Eluru Dist., A.P., INDIA
ACCREDITED BY NISA, APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
PERMANENTLY AFFILIATED TO JNTUK, KARNATAKA
WWW.SIRCRREDDYCOE.IN



OFF: (08512) 220840, 220553
FAC: (08512) 224193
Email: prince@sircrreddycollege.com

A Y 2021-2022

FDP ON "Pedagogy For Effective Teaching" Day wise Schedule

DAY 1

SESSION I

- Communication for Teachers

SESSION II

- Art of Teaching
- Class room Effectiveness

DAY 2

SESSION I

- Scholarly writing / Academic writing

SESSION II

- Developing case studies Sampling distributions

DAY 3

SESSION I

- Role play and Scenario Analysis

SESSION II

- Integrating technology in teaching

DAY 4

SESSION I

- Social media for education, communication skills

SESSION II

- Establishing Teacher – Student congruence for effective learning.

DAY 5

SESSION I

- Advanced Leadership skills

SESSION II

- Emotional Intelligence

DAY 6

SESSION I

- Entrepreneurship skills

SESSION II

- Experimental Learning

SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU
P.G.COURSES
DEPARTMENT OF MANAGEMENT STUDIES
Attendance Sheet for FDP on PEDAGOGY FOR EFFECTIVE TEACHING
for A Y 2021-2022 from 13-11-2021 to 18-11-2021

S.NO	Name of the Faculty	Designation	Signatures					
			13-11-21	14-11-21	15-11-21	16-11-21	17-11-21	18-11-21
16	A.Prasanna	Asst.Prof	<i>AP</i>	<i>AP</i>	<i>AP</i>	<i>AP</i>	<i>AP</i>	<i>AP</i>
17	T.H.V.S SuryaKantha	Asst.Prof	<i>THVSK</i>	<i>THVSK</i>	<i>THVSK</i>	<i>THVSK</i>	<i>THVSK</i>	<i>THVSK</i>
18	K.Sri Durga	Asst.Prof	<i>K.SriDurga</i>	<i>K.SriDurga</i>	<i>K.SriDurga</i>	<i>K.SriDurga</i>	<i>K.SriDurga</i>	<i>K.SriDurga</i>
19	Sk.Nazreen	Asst.Prof	<i>Sk.Nazreen</i>	<i>Sk.Nazreen</i>	<i>Sk.Nazreen</i>	<i>Sk.Nazreen</i>	<i>Sk.Nazreen</i>	<i>Sk.Nazreen</i>
20	Y.Sowjanya	Asst.Prof	<i>Y.Sowjanya</i>	<i>Y.Sowjanya</i>	<i>Y.Sowjanya</i>	<i>Y.Sowjanya</i>	<i>Y.Sowjanya</i>	<i>Y.Sowjanya</i>
21	K.Lalitha Bhavani	Asst.Prof	<i>K.Lalitha Bhavani</i>	<i>K.Lalitha Bhavani</i>	<i>K.Lalitha Bhavani</i>	<i>K.Lalitha Bhavani</i>	<i>K.Lalitha Bhavani</i>	<i>K.Lalitha Bhavani</i>
22	Ch.Madhavi Latha	Asst.Prof	<i>Ch.Madhavi Latha</i>	<i>Ch.Madhavi Latha</i>	<i>Ch.Madhavi Latha</i>	<i>Ch.Madhavi Latha</i>	<i>Ch.Madhavi Latha</i>	<i>Ch.Madhavi Latha</i>
23	N.Sateesh	Asst.Prof	<i>N.Sateesh</i>	<i>N.Sateesh</i>	<i>N.Sateesh</i>	<i>N.Sateesh</i>	<i>N.Sateesh</i>	<i>N.Sateesh</i>
24	Sk.Jaheerunnisa Begum	Asst.Prof	<i>Sk.Jaheerunnisa Begum</i>	<i>Sk.Jaheerunnisa Begum</i>	<i>Sk.Jaheerunnisa Begum</i>	<i>Sk.Jaheerunnisa Begum</i>	<i>Sk.Jaheerunnisa Begum</i>	<i>Sk.Jaheerunnisa Begum</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>V.Raghav Sai Krishna</i>	<i>V.Raghav Sai Krishna</i>	<i>V.Raghav Sai Krishna</i>	<i>V.Raghav Sai Krishna</i>	<i>V.Raghav Sai Krishna</i>	<i>V.Raghav Sai Krishna</i>
27	T.Dileep	Asst.Prof	<i>T.Dileep</i>	<i>T.Dileep</i>	<i>T.Dileep</i>	<i>T.Dileep</i>	<i>T.Dileep</i>	<i>T.Dileep</i>
28	Dr.M Sasi Bhushan	Asst.Prof	<i>Dr.M.S. Bhushan</i>	<i>Dr.M.S. Bhushan</i>	<i>Dr.M.S. Bhushan</i>	<i>Dr.M.S. Bhushan</i>	<i>Dr.M.S. Bhushan</i>	<i>Dr.M.S. Bhushan</i>
29	V.Vineetha	Asst.Prof	<i>V.Vineetha</i>	<i>V.Vineetha</i>	<i>V.Vineetha</i>	<i>V.Vineetha</i>	<i>V.Vineetha</i>	<i>V.Vineetha</i>
30	R.Jhansi	Asst.Prof	<i>R.Jhansi</i>	<i>R.Jhansi</i>	<i>R.Jhansi</i>	<i>R.Jhansi</i>	<i>R.Jhansi</i>	<i>R.Jhansi</i>

K.V.Srinivas
HOD,MBA

K.Venkateswaraiah
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>	
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Dt: 19-12-2021.

DEPARTMENT OF MANAGEMENT STUDIES

Program Report

Academic Year: 2021-2022

Name of the Event: Faculty Development Program on "PEDAGOGY FOR EFFECTIVE TEACHING" from 13-12-2021 to 18-12-2021.



Program Report: Faculty Development Program on pedagogy for effective teaching.

Introduction:

The department of MBA of Sir CR Reddy College of Engineering Conducted Faculty Development Program on pedagogy for effective teaching. 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 13-12-2021 to 18-12-2021 with an active participation of faculty from different colleges about communication for teachers developing case studies entrepreneurship skills and establishing teacher-student congruence for effective learning and role play and scenario analysis and integrating technology in teaching.

Faculty Development Program on pedagogy for effective teaching:

In order to train and develop the skills of the faculty, the faculty development program on various topics like soft skills and effective teaching was conducted by the professors from different colleges from 13-12-2021 to 18-12-2021.

Engagement:

All the faculty from the different colleges actively participated on the event Faculty Development Program on pedagogy for effective teaching to the 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 pedagogy for effective teaching 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 pedagogy for effective teaching.

Sincerely,

V. Sandeep
Program Coordinator.



DEPARTMENT OF MBA

SIR C.R. REDDY COLLEGE OF ENGINEERING

DATE: 23/11/2021

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Sk. Taherunnisa Begum, Asst. prof. M.B.A. Sir C.R. Reddy College of Engineering

For actively attending the six days Faculty Development Programme on PEDAGOGY FOR EFFECTIVE TEACHING organized by Department of MBA, Sir C.R. Reddy College of Engineering, Eluru from 13-11-2021 to 18-11-2021

K. S. N. S. R.
HOD



[Signature]
PRINCIPAL



DEPARTMENT OF MBA

SIR C.R. REDDY COLLEGE OF ENGINEERING

DATE: 23/11/2021

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Ch. Madhavi Latha, Asst. prof. M.B.A., Sir C.R.R. College of Engineering

For actively attending the six days Faculty Development Programme on PEDAGOGY FOR EFFECTIVE TEACHING organized by Department of MBA, Sir C.R.Reddy College of Engineering, Eluru from 13-11-2021 to 18-11-2021

Kushaln
HOD



Kushaln
PRINCIPAL



DEPARTMENT OF MBA

SIR C.R. REDDY COLLEGE OF ENGINEERING

DATE: 23/11/2021

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

V. Sandeep, Asst. prof., M.B.A., Sir C.R. Reddy College of Engineering

For actively attending the six days Faculty Development Programme on PEDAGOGY FOR EFFECTIVE TEACHING organized by Department of MBA, Sir C.R.Reddy College of Engineering, Eluru from 13-11-2021 to 18-11-2021

Kushn
HOD



[Signature]
PRINCIPAL



DEPARTMENT OF MBA

SIR C. REDDY COLLEGE OF ENGINEERING

DATE: 23/11/2021

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

V. Raghav... Sai Krishna... Asst. prof., M.B.A. dept., S.R. C. R. R. College of Engineering

For actively attending the six days Faculty Development Programme on **PEDAGOGY FOR EFFECTIVE TEACHING** organized by Department of MBA, Sir C.R.Reddy College of Engineering, Eluru from 13-11-2021 to 18-11-2021

k. usra
HOD



[Signature]
PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NOTICE

Date: 26-11-2021

It is to inform all the Department staff members that "A 5-day Faculty Development Program on Recent Trends in Power Quality Improvement Technologies" is going to be conducted from 06-12-2021 to 10-12-2021. All Faculty members are advised to participate and cooperate for smooth conduction of program.


HOD

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

FDP Program:
Recent Trends in Power Quality Improvement Technologies
Day wise Schedule
SIR CR REDDY COLLEGE OF ENGINEERING

Day1 (06/12/2021)	Day2(07/12/2021)	Day3(08/12/2021)	Day4 (09/12/2021)	Day5(10/12/2021)
9:30 – 10:00 Inaugural	—	—	—	—
10:00 – 12.30 Session 1 Active Filtering and harmonic mitigation	9:30 – 12.30 Session 1 Advanced power electronics	9:30 – 12.30 Session 1 Power quality improvement using shunt active power filters	9:30 – 12.30 Session 1 Power quality and earthing(grounding)systems	9:30 – 12.30 Session 1 Digitalization and grid automation
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 Smart grid technologies, predictive maintenance and condition monitoring	1:30 – 3:30 Session 2 Distributed generation and microgrids	1:30 – 3:30 Session 2 Power quality improvement using hybrid shunt active power filters	1:30 – 3:30 Session 2 Development of grid integrated PV System with enhanced power quality	1:30 – 3:30 Session 2 Distributed energy resources (DERs)integration
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 Dr.Y.V.Pavan Kumar, VIT,Amaravati

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

Day 3: Session 1& 2 by Sri.A.Surya Prakasha Rao, Sir C R Reddy College Of Engineering

Day 4: Session 1& 2 by Dr.Y.Butchi Raju, Sir C R Reddy College Of Engineering

Day 5: Session 1& 2 by Dr.Sarath Kumar Sahu,MVGR college,Vijayanagaram


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

"RECENT TRENDS IN POWER QUALITY IMPROVEMENT TECHNOLOGIES"

(06-12-2021 to 10-12-2021)

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 POWER QUALITY IMPROVEMENT TECHNOLOGIES" at Sir C R Reddy College of Engineering, Eluru from 06-12-2021 to 10-12-2021.

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:

Anantaneni Surya Prakasha Rao
Assistant Professor, EEE

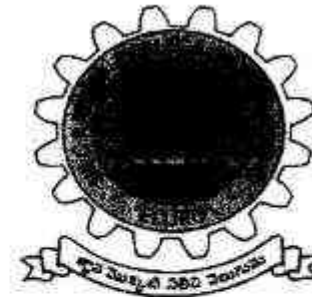
Organizing Committee:

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
Goriparthi Ganesh, Asst. Prof
Motepalli Sunil Kumar, Asst. Prof
Javangula Ayyappa, Asst. Prof
Tata Deepti Prasanna, Asst. Prof
Attada Durga Prasad, Asst. Prof
Bandreddy Sambasiva Rao, Asst. Prof

A Five day Faculty Development Program

on

"RECENT TRENDS IN POWER QUALITY IMPROVEMENT TECHNOLOGIES"



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 Vathuru 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 Vathuru 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 Recent trends in power quality improvement technologies have been driven by the increasing complexity and sensitivity of modern electrical systems, as well as the growing demand for reliable and high-quality power supply. Here are some notable trends in power quality improvement technologies:

Advanced Power Electronics: Power electronics play a crucial role in improving power quality by controlling voltage, current, and frequency variations. Recent advancements in power electronics technology, such as insulated gate bipolar transistors (IGBTs), silicon carbide (SiC) devices, and gallium nitride (GaN) devices, have enabled more efficient and compact solutions for voltage regulation, harmonic mitigation, and reactive power compensation.

Active Power Filters: Active power filters (APFs) are devices that use power electronics to dynamically compensate for harmonics, reactive power, and other power quality issues in electrical systems.

RESOURCE PERSONS:

Dr. Y. V. Pavan Kumar
Associate Professor
VIT, Amaravathi

Dr. Sarath Kumar Sahu
Professor & HOD
MVGR College, Vijayanagaram

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 40 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
05-12-2021.



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 : **"Recent Trends in Power Quality Improvement Technologies"**
 Dates of Programme : **06-12-2021 to 10-12-2021**

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
	G. RAVI KUMAR	PIT-EEE	GRK	GRK	GRK	GRK	GRK
	V. Suresh Kumar	PIT-EEE	USK	USK	USK	USK	USK
	D.M. Veera Kumar	EEE	gk	gk	gk	gk	gk
	M. Bindu	PIT-EEE	AD	AD	AD	AD	AD
	K. Padma Priya	PIT-EEE	pk	pk	pk	pk	pk
	G. Ravi Kumar	PIT-EEE	G.Ri	G.Ri	G.Ri	G.Ri	G.Ri
	Prhaga Sowjanya	EEE	P. na	P. na	P. na	P. na	P. na
	S. R. Sagar	EEE	SR	SR	SR	SR	SR
	M. Senthil Kumar	EEE	SK	SK	SK	SK	SK
	A. Deepak Prasad	EEE	AP	AP	AP	AP	AP
	T. Nagar Ragu	EEE	TR	TR	TR	TR	TR
	M. S. N. N. Vasimha	EEE	M	M	M	M	M
	K. Venkatesh Kumar	EEE	K	K	K	K	K
	G. Anand	EEE	GA	GA	GA	GA	GA

Electrical and Electronics Engineering
 Sir C R Reddy College of Engineering
 ELURU - 524 007

A.S. Borkoske
 Programme Co-ordinator



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
 West Godavari District., A.P., INDIA
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Attendance List of Participants

Name of the Department : **Electrical and Electronics Engineering**
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S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
	Ch. Ratnavar	EEE	ChR	ChR	ChR	ChR	ChR
	S.R. channababu	EEE	SR	—	SR	SR	SR
	A. Durga Prasad	EEE	AP	AP	AP	AP	AP
	N.R. Prasad	EEE	NR	NR	NR	NR	NR
	P. madhusudan	EEE	P	P	P	P	P
	B. Sambasiva Rao	EEE	BS	BS	BS	BS	BS
	M. Vijaya Raghavak	EEE	V	V	V	V	V
	M. Mallikarjuna Uddy	EEE	M	M	M	M	M
	D. N. BHUPESH KUMAR	EEE	NB	NB	NB	NB	NB
	K. Venkatesh	EEE	K	K	K	K	K
	K. Kotiah chouda	EEE	CK	CK	CK	CK	CK
	J. Ayappa	EEE	JA	JA	JA	JA	JA

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

A. S. Babu
 Program Co-ordinator

REPORT ON FACULTY
DEVELOPMENT PROGRAMME

**RECENT TRENDS IN POWER QUALITY
IMPROVEMENT TECHNOLOGIES**



**Organized by Electrical and Electronics Engineering
Department**

Sir C R Reddy College of Engineering

06-Dec-2021 to 10-Dec-2021

Day 1: 06-Dec-2021

Inaugural Function (10.30 to 11.00):

A significant occasion was held on December 6, 2021, at Sir C R Reddy College of Engineering: the Faculty Development Program (FDP) On Recent Trends in Power Quality Improvement Technologies 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 Active Filtering and Harmonic Mitigation (11.00am to 1.00pm):

Summary:

Dr. Y. V. Pavan Kumar presented how the Active harmonic filters (AHFs) can help mitigate harmonics, improve equipment life, and reduce process-related voltage fluctuations. Active harmonic filters, sometimes referred to as harmonic correction units, are parallel devices that reduce harmonics by injecting equal and opposite frequencies, much like a noise cancellation system. Additional current may also be supplied by the filters to rectify the power factor.

He also the discussed the Benefits of active filtering and harmonic mitigation which included improved power quality, reduced equipment failures, increased productivity, and smooth management and distribution of electricity.

SESSION-II Smart Grid Technologies, Predictive Maintenance and Condition Monitoring(2.00pm to 3.30pm)

Summary:

Dr. Y. V. Pavan Kumar discussed the Smart grid solutions leverage advanced metering infrastructure (AMI), real-time monitoring, and communication technologies to enhance power quality monitoring, analysis, and control. Smart meters and sensors provide valuable data on voltage variations, frequency deviations, and other power quality parameters, enabling utilities to proactively identify and address issues before they impact consumers.

Predictive maintenance techniques, such as online monitoring, data analytics, and machine learning algorithms, are being adopted to assess the health and performance of power distribution equipment. By detecting early signs of degradation or faults, utilities can take

proactive measures to prevent power quality disturbances and optimize asset reliability. Dr. Y. V. Pavan Kumar has also cleared doubts of participants regarding Harmonic Mitigation and Smart Grid Technologies during the session.

Day 2: 07-Dec-2021

SESSION-III Advanced Power Electronics (11.00am to 1.00pm):

Summary:

In this session, Dr. S. N. V. Bramareswara Rao has discussed about the basics of Advanced Power Electronics. By lowering the number of times a voltage needs to be changed and by reducing inefficiencies during those conversions, advanced power electronics (PE) technology minimizes energy losses. PE interfaces can enhance power quality, boost electrical system compatibility, and offer flexibility with other DE sources. They are an essential component of distributed energy (DE) and renewable energy systems.

Dr. S. N. V. Bramareswara Rao explained that Power electronic devices are being utilized more and more for reactive power compensation, harmonic mitigation, and dynamic voltage and frequency regulation. Examples of these devices are voltage source converters (VSC), flexible alternating current transmission systems (FACTS), and custom power devices. Fast reaction times and precise control provided by these devices allow grid-connected systems to have better power quality.

SESSION-IV Distributed Generation and Microgrids (2.00pm to 3.30pm)

Summary:

The talk by Dr. S. N. V. Bramareswara Rao was focussed on Distributed generation (DG) units which are important technologies for microgrids (MGs), which are small power networks that can operate in connected and islanded modes. DG units produce local electricity, and can be divided into nonrenewable and renewable units. When connected to the lower voltage distribution lines of the electric utility, distributed generation (DG) can help support the delivery of clean, dependable power to more customers and minimize electricity losses along transmission and distribution lines. The lower-voltage distribution grid, which is shared by homes, is connected to distributed generation (DG) sources like solar panels, backup batteries, and emergency diesel generators.

Dr. S. N. V. Bramareswara Rao also discussed an example about the heat produced from generation sources such as microturbines could be used for local process heating or space heating, allowing flexible trade off between the needs for heat and electric power.

Day 3: 08-Dec-2021

SESSION-V Power quality improvement using Shunt Active Power Filters (11.00am to 1.00pm):

Summary:

Sri.A.Surya Prakasha Rao covered the Shunt Active Power Filters (SAPFs) that are widely used in power systems to improve power quality by mitigating harmonic distortions, balancing load currents, and compensating reactive power.

The talk was focused on how SAPFs can be utilized for power quality improvement including:

- ✓ **Harmonic Mitigation:** Nonlinear loads such as variable speed drives, rectifiers, and power electronic devices introduce harmonics into the power system, causing voltage and current distortions. SAPFs detect these harmonics and inject equal but opposite harmonic currents to cancel out the distortion, thereby improving the quality of the power waveform.
- ✓ **Reactive Power Compensation:** Reactive power is required by inductive loads but does not perform useful work. Excessive reactive power can lead to voltage drops, reduced efficiency, and increased losses in the power system. SAPFs can provide dynamic reactive power compensation by injecting or absorbing reactive power as needed, thereby maintaining voltage stability and improving overall system efficiency.
- ✓ **Load Balancing:** In three-phase systems, SAPFs can balance the load currents by independently controlling the current injected into each phase. This helps in reducing the neutral current and prevents overloading of individual phases, leading to better utilization of the distribution system.

He also discussed about voltage regulation, Flicker Mitigation and Islanding Detection and its prevention.

SESSION-VI Power quality improvement using hybrid Shunt Active Power Filters(2.00pm to 3.30pm)

Summary:

Sri.A.Surya Prakasha Rao discussed Hybrid Shunt Active Power Filters (SAPFs) combine the advantages of different technologies to achieve enhanced power quality improvement. They typically integrate passive components such as capacitors and inductors with active power electronic devices like inverters or converters.

Sri.A.Surya Prakasha Rao also discussed with participants regarding their doubts.

Day 4: 09-Dec-2021

SESSION-VII Power Quality and Earthing (Grounding) Systems(11.00am to 1.00pm):

Summary:

During this session, Dr.Y.Butchi Raju discussed about the primary function of the power quality standards is to define and set limits for normal operation, and to define the terminology used to describe PQ disturbances. Many organizations have developed standards to deal with PQ issues, but most universally accepted standards for PQ are IEC and IEEE

standards. Research in the PQ discipline can be broadly divided into fundamental concepts, monitoring, modeling, analysis, mitigation, the effects of PQ on end-user equipment, and instrumentation for PQ improvement. It is known that one of the most common problems related to power quality is wiring and grounding. It has been reported that approximately 70 to 80% of all power quality related problems could be attributed to faulty connections and/or wiring. Most engineers view earthing mainly as a method to protect equipment from damage or malfunction. However, the most important element is operator safety.

Proper earthing is basic to protection against ac line disturbances. This applies whether the source of the disturbance is lightning, power-system switching activities, or faults in the distribution network. Proper earthing is also a key element in preventing radio frequency interference in transmission or computer equipment. Moreover, power quality can be significantly degraded due to improper earthing. Implementing an effective ground network is not an easy task. It requires planning, quality components, and skilled installers. It is not inexpensive. However, proper earthing is an investment that will pay dividends for the life of the facility.

SESSION-VIII Development of grid integrated pv system with enhanced power quality(2.00pm to 3.30pm)

Summary:

The talk was focused on power quality where the session addressed that :Electricity is a utility, all kind of industries, commercial buildings, households, agriculture etc. require electricity to function efficiently, thus electrical energy important to every country for its development and growth. Thermal power plants based on coal and other fossil fuels have been the major source of electrical energy for the whole world till date. Renewable energy sources like wind and solar have become standard electrical energy sources these days and there is a lot of research work going in field of renewable energy to further improve their efficiency and feasibility. In recent years, the power generation through photovoltaic (PV) systems have grown rapidly all over the world.

In recent years, the power generation through photovoltaic (PV) systems have grown rapidly all over the world. The grid connected PV system have become popular across the globe and are a great aspect to cater major portion of electrical energy demand in future. Grid connected PV systems have capability to transfer solar energy into the grid and also improve power quality at point of common coupling. electrical modelling of PV cell, conventional MPPT techniques and two-stage grid connected PV system.

Day 5: 10-Dec-2021

SESSION-IX Digitalization and Grid Automation(11.00am to 1.00pm):

Summary:

The talk by Dr. Sarath Kumar Sahu was focussed on digitalization and grid automation that represent a transformative shift in the way power systems are monitored, controlled, and managed. Digitalization involves the integration of digital technologies into power systems to enable more efficient, reliable, and sustainable operations. This includes the deployment of advanced sensors, communication networks, and computing systems throughout the grid infrastructure.

Distribution automation systems utilize advanced control and communication technologies to automate the operation of distribution networks. SCADA systems provide centralized monitoring and control of grid assets, allowing operators to oversee the entire grid infrastructure from a centralized control center. SCADA systems integrate data from various sensors and devices, enabling operators to make informed decisions to optimize grid performance.

The speaker also discussed the queries asked by the individuals regarding Advanced fault detection algorithms that are combined with self-healing capabilities enable autonomous reconfiguration of the grid to isolate and restore power to affected areas in the event of a fault. Self-healing networks minimize outage durations and improve grid reliability by automatically rerouting power flows around faulted sections.

SESSION-X Distributed Energy Resources (DERs) Integration(2.00pm to 3.30pm)

Summary:

In this session, the speaker focused on Integration of Distributed Energy Resources (DERs) within smart grid systems represents a fundamental shift in how electricity is generated, distributed, and consumed. DERs, which include solar photovoltaics (PV), wind turbines, energy storage systems, and small-scale generators, offer numerous benefits such as renewable energy generation, grid support services, and enhanced resilience.

DERs integration poses challenges and opportunities for grid management and stability. The intermittent nature of renewable energy sources, such as solar and wind, requires advanced control and forecasting mechanisms to ensure reliable operation and grid stability. Energy storage systems, such as batteries and pumped hydro storage, play a crucial role in mitigating variability and balancing supply and demand in real-time.



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Five Day Faculty Development Program

on

RECENT TRENDS IN POWER QUALITY IMPROVEMENT TECHNOLOGIES

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....*S. R. Sagar*.....has participated
in A Five Day Faculty Development Program on “RECENT TRENDS IN POWER
QUALITY IMPROVEMENT TECHNOLOGIES” Organised by the Department of
Electrical and Electronics Engineering during **06-12-2021** to **10-12-2021**

A. S. Betakala
CONVENOR

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K. S. Srinivas
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Prof./Dr/Mr./Ms.....N: *Bhupesh Kumar*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*Mr. Veera Kumari*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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A. S. Bhatnagar
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Prof./Dr/Mr./Ms.....*T. Kranthi Kiran*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....N: *Ram Narayana*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*J. Ayyappa*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....P: *Naga Saijanya*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*M. Sunil Kumar*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*T. Deepti Prasanna*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*A. Durga Prasad*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*R. Madhusudhan*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*K. Venkatesh*.....has participated
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Prof./Dr/Mr./Ms.....*B. Samba Siva Rao*.....has participated
in A Five Day Faculty Development Program on “RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*C. Prasanna Lakshmi*.....has participated
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Prof./Dr/Mr./Ms.....*T. Nagaraju*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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Prof./Dr./Mr./Ms.....*K. Kataiah Chowdary*.....has participated
in A Five Day Faculty Development Program on "RECENT TRENDS IN POWER
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Prof./Dr/Mr./Ms.....*Sk: Chaa Basha*.....has participated
in A Five Day Faculty Development Program on “RECENT TRENDS IN POWER
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A. S. Bakshi
CONVENOR

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CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms.....*Gr: Ganesh*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....M.S.N.L...Narasimha...Baa.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....*L. Vamsi Narasimha Rao*.....has participated in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER QUALITY IMPROVEMENT TECHNOLOGIES**” Organised by the Department of Electrical and Electronics Engineering during **06-12-2021 to 10-12-2021**

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CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....*M. Vijaya Raghavendra*.....has participated
in A Five Day Faculty Development Program on "RECENT TRENDS IN POWER
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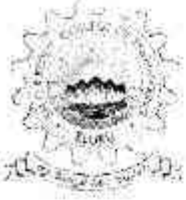
CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....*Mr. Mallikarjuna Reddy*.....has participated
in A Five Day Faculty Development Program on “**RECENT TRENDS IN POWER
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DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING

NOTICE

Date: 20-12-2021.

This is to inform all the staff members that a Faculty development Programme on "DISRUPTIVE TECHNOLOGIES IN ELECTRONICS & COMMUNICATION" is going to be organised from 27-12-2021 to 31-12-2021. 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.

J. Hemalatha
Co-ordinator

M. K. S. S. S.
HOD-ECE

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

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ECE FDP Program on DISRUPTIVE TECHNOLOGIES IN ELECTRONICS & COMMUNICATIONS-Day wise Schedule

27/12/2021	28/12/2021	29/12/2021	30/12/2021	31/12/2021
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	Computer vision and its applications	Under water acoustic signal processing	Data science in engineering	Modern Antennas and Communications
Leo orbit nano Satellite design				
11.00AM-01.00PM	11.00AM-01.00 PM	11.00AM-01.00PM	11.00 AM-01.00PM	11.00AM-01.00PM
Video streaming and its applications	Machine learning and its applications	Latest trends in wireless communications	Artificial intelligence and its applications	3D printing and its 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
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Attendance sheet

Name of the Department : ECE
 Name of the Programme : FDP on "Disruptive Technologies in Electronics & Communication"
 Dates of Programme : 27/12/24 to 31/12/24.

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt: 27/12	Dt: 28/12	Dt: 29/12	Dt: 30/12	Dt: 31/12	Dt:
1	V. Veerajulu	CRRCOE	Present	Present	Present	Present	Present	-
2	Dr. R. Satish	CRRCOE	Present	Present	Present	Present	Present	-
3	Ch. Ravi Kumar	CRRCOE	Present	Present	Present	Present	Present	-
4	K.J.S. Lorraine	CRRCOE	Present	Present	Present	Present	Present	-
5	P. Harjesh	CRRCOE	Present	Present	Present	Present	Present	-
6	K. Syam Prasad	PITS	Present	Present	Present	Present	Present	-
7	A.D. Priya Dharshini	PITS	Present	Present	Present	Present	Present	-
8	Ch. Jaya Prakash	CRRCOE	Present	Present	Present	Present	Present	-
9	V. Surendra Babu	CRRCOE	Present	Present	Present	Present	Present	-
10	M. Narendra Kumar	CRRCOE	Present	Present	Present	Present	Present	-
11	G. Srilatha	CRRCOE	Present	Present	Present	Present	Present	-
12	K. Miranji	CRRCOE	Present	Present	Present	Present	Present	-
13	N. Lavanya	CRRCOE	Present	Present	Present	Present	Present	-
14	G. Nag Deep	PITS	Present	Present	Present	Present	Present	-
15	A.V.N. Deepthi	PITS	Present	Present	Present	Present	Present	-
16	A. Ram Kumar	CRRCOE	Present	Present	Present	Present	Present	-
17	R. Trinadh	CRRCOE	Present	Present	Present	Present	Present	-
18	P. Sowmithri	CRRCOE	Present	Present	Present	Present	Present	-
19	M. Vamsi Krishna Allu	CRRCOE	Present	Present	Present	Present	Present	-
20	K. Lavanya	CRRCOE	Present	Present	Present	Present	Present	-

I. Hemalatha
 Programme Co-ordinator



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Attendance sheet

Name of the Department : ECE
 Name of the Programme : FDP on "Disruptive Technologies in Electronics & Communications".
 Dates of Programme : 27/12/2024 to 31/12/2024.

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt:	Dt:	Dt:	Dt:	Dt:	Dt:
21	V. Triveni ✓	PITS	V-Trivi	V-Trivi	V-Trivi	V-Trivi	V-Trivi	—
22	M. Greesha	CRRCOE	G	G	G	G	G	—
23	V. Swathi	CRRCOE	V.Swathi	V.Swathi	V.Swathi	V.Swathi	V.Swathi	—
24	N. Suneetha	CRRCOE	N.Suneetha	N.Suneetha	N.Suneetha	N.Suneetha	N.Suneetha	—
25	N. Swathi	CRRCOE	N.Swathi	N.Swathi	N.Swathi	N.Swathi	N.Swathi	—
26	K. Radha	CRRCOE	K.Radha	K.Radha	K.Radha	K.Radha	K.Radha	—
27	Mrs. Vamsi Sudheera	CRRCOE	Mrs.V.Sudheera	Mrs.V.Sudheera	Mrs.V.Sudheera	Mrs.V.Sudheera	Mrs.V.Sudheera	—
28	Dr. H. S. Tejo Muthy	CRRCOE	H.S.Tejo	H.S.Tejo	H.S.Tejo	H.S.Tejo	H.S.Tejo	—
29	Hundi Sudhakar	CRRCOE	H.Sudhakar	H.Sudhakar	H.Sudhakar	H.Sudhakar	H.Sudhakar	—
30	Mr. D. Ajay Kumar	CRRCOE	D.Ajay	D.Ajay	D.Ajay	D.Ajay	D.Ajay	—
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H. S. Tejo Muthy
 Programme Co-ordinator

SIR C.R.REDDY COLLEGE OF ENGINEERING

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

on

"Disruptive Technologies in Electronics and Communications"

(27-12-2021 to 31-12-2021)

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 "Disruptive Technologies in
Electronics and Communications" at Sir C R Reddy
College of Engineering, Eluru from 27-12-2021 to 31-
12-2021

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:

Dr.I.Hemalatha
Assoc. Prof., Department of ECE
Ph: +91 9490744914
E-mail: hemacr2006@gmail.com

Organizing Committee:

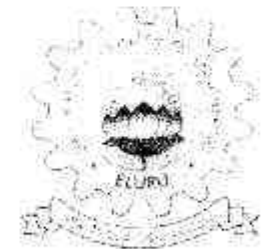
Ch. Ravi Kumar, Asst Professor
K.J.S.Lorraine, Asst Professor
P. Hareesh, Asst Professor
Ch. Jaya Prakash, Asst Professor
V. Surendra Babu, Asst Professor
M. Narendra Kumar, Asst Professor
G. Srilatha, Asst Professor
K. Miranji, Asst Professor
N. Lavanya, Asst Professor
A. Ram Kumar, Asst Professor

A Five day Faculty Development Program on

"Disruptive Technologies in Electronics and Communications"

27-12-2021 to 31-12-2021

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:

Emerging technologies are those that are still in the early stages of development and have limited practical applications. They reflect advancements in scientific domains and serve as a snapshot of progress or advancements in those domains. We've curated some of the emerging technologies in Electronics and Communication Engineering.

In signal processing, information processing, and telecommunication, the branch of electronics, in particular, plays a key role. Sensors, diodes, transistors, and integrated circuits are all part of electrical circuits. It refers to complicated electrical equipment and systems, such as current laptops and cell phones, in layman's terms. Let's take a look at what the future of electronics may hold.

Course content:

- Video streaming and its applications
- Latest trends in wireless communications
- Under water acoustic signal processing
- 3D printing and its applications
- Leo orbit nano Satellite design
- Computer vision and its applications
- Data science in engineering
- Modern Antennas and Communications
- Machine learning and its applications
- Artificial intelligence and its applications

Resource Persons:

Dr.B.Leela Kumari
Associate Professor
JNTU Kakinada

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: 1200/-

Form for Registration:

Note: Last date for registration is 21-12-2021.

Faculty Development Program

on

Disruptive Technologies in Electronics & Communication

Introduction:

The Faculty Development Program titled "Disruptive Technologies in Electronics & Communication" is conducted from December 27, 2021, to December 31, 2021. In an era marked by rapid technological advancements and paradigm shifts, this program aimed to equip faculty members with insights into disruptive technologies reshaping the landscape of electronics and communication. The program focused on exploring emerging trends, innovative concepts, and their implications for teaching, research, and industry collaboration.

Objectives:

1. To introduce faculty members to disruptive technologies revolutionizing the field of electronics and communication.
2. To explore the applications, benefits, and challenges associated with emerging technologies such as AI (Artificial Intelligence), IoT (Internet of Things), 5G, and quantum computing.
3. To provide a platform for faculty members to exchange ideas, share best practices, and discuss potential research opportunities in disruptive technologies.
4. To empower faculty members with the knowledge and skills to integrate disruptive technologies into their teaching curriculum and research projects.



Esteemed speaker Dr.Chilaka Mahesh

Workshop Sessions:

1. **Overview of Disruptive Technologies:** This session provided an overview of disruptive technologies reshaping the electronics and communication industry. Topics covered included AI, IoT, blockchain, 5G, edge computing, and quantum computing. Participants gained insights into the potential applications and transformative impact of these technologies on various sectors.
2. **Applications and Case Studies:** The workshop showcased real-world applications and case studies highlighting the practical implementation of disruptive technologies. Participants learned about innovative solutions and use cases across domains such as healthcare, transportation, smart cities, and telecommunications.
3. **Challenges and Opportunities:** This session focused on the challenges and opportunities associated with adopting disruptive technologies. Participants discussed issues such as cyber security, privacy concerns, regulatory frameworks, and the need for interdisciplinary collaboration to address complex technological challenges.
4. **Integration into Teaching and Research:** Practical sessions were conducted to help participants explore ways to integrate disruptive technologies into their teaching curriculum and research projects. Participants learned about relevant tools, resources, and pedagogical approaches for incorporating emerging technologies into their academic activities.

Outcome and Impact:

The Faculty Development Program on "Disruptive Technologies in Electronics & Communication" received positive feedback from participants, who appreciated the comprehensive coverage of emerging trends and technologies. Many participants expressed enthusiasm about leveraging their newfound knowledge to enhance teaching effectiveness, engage students, and pursue research opportunities in disruptive technologies. The program also facilitated networking and collaboration among faculty members, paving the way for future interdisciplinary initiatives.

Conclusion:

The Faculty Development Program on "Disruptive Technologies in Electronics & Communication" successfully achieved its objectives of providing faculty members with insights into emerging trends, applications, and challenges in the field. The program equipped participants with the knowledge and skills to embrace disruptive technologies, foster innovation, and prepare students for the digital future. Such initiatives play a crucial role in empowering faculty members to stay abreast of technological advancements and contribute to the advancement of the electronics and communication sector.



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Five Day Faculty Development Program

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CERTIFICATE OF PARTICIPATION

Prof / Dr / Mr / Ms P. H. Tejomurthy has

participated in the Five Day Faculty Development Program on "**DISRUPTIVE TECHNOLOGIES IN**

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I. Hemalatha

Dr. I. Hemalatha

Dr. T. Venkateswara Rao

Dr. T. Venkateswara Rao

Dr. K. Venkateswara Rao

Dr. K. Venkateswara Rao
Principal



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Prof / Dr / Mr / Ms G. Sailatha has

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Prof / Dr / Mr / Ms M. Narendra Kumar has

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Prof / Dr / Mr / Ms P. Soumithra has

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Prof / Dr / Mr / Ms N. Suneetha has

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Prof / Dr / Mr / Ms V. Suresh Babu has

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Prof / Dr / Mr / Ms D. Ajay Kumar has

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Five Day Faculty Development Program

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DISRUPTIVE TECHNOLOGIES IN ELECTRONICS & COMMUNICATIONS

CERTIFICATE OF PARTICIPATION

Prof / Dr / Mr / Ms Ch. Jaya prakash has

participated in the Five Day Faculty Development Program on "**DISRUPTIVE TECHNOLOGIES IN**

ELECTRONICS & COMMUNICATIONS" organised by the Department of Electronics &

Communication Engineering during 27-12-2021 to 31-12-2021

I. Hemalatha

Dr. I. Hemalatha

Dr. T. Venkateswara Rao

Dr. T. Venkateswara Rao

Dr. K. Venkateswara Rao

Dr. K. Venkateswara 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)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

DISRUPTIVE TECHNOLOGIES IN ELECTRONICS & COMMUNICATIONS

CERTIFICATE OF PARTICIPATION

Prof / Dr / Mr / Ms K. J. S. Laxxaine has

participated in the Five Day Faculty Development Program on "**DISRUPTIVE TECHNOLOGIES IN**

ELECTRONICS & COMMUNICATIONS" organised by the Department of Electronics &

Communication Engineering during 27-12-2021 to 31-12-2021

I. Hemalatha

Dr. I. Hemalatha

T. Venkateswara Rao

Dr. T. Venkateswara Rao

K. Venkateswara Rao

Dr. K. Venkateswara Rao
Principal



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

DISRUPTIVE TECHNOLOGIES IN ELECTRONICS & COMMUNICATIONS

CERTIFICATE OF PARTICIPATION

Prof / Dr / Mr / Ms Mrs. Vamsi Sushreera has

participated in the Five Day Faculty Development Program on "**DISRUPTIVE TECHNOLOGIES IN**

ELECTRONICS & COMMUNICATIONS" organised by the Department of Electronics &

Communication Engineering during 27-12-2021 to 31-12-2021

I. Hemalatha

Dr. I. Hemalatha

T. Venkateswara Rao

Dr. T. Venkateswara Rao

K. Venkateswara Rao

Dr. K. Venkateswara Rao
Principal



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Five Day Faculty Development Program

on

DISRUPTIVE TECHNOLOGIES IN ELECTRONICS & COMMUNICATIONS

CERTIFICATE OF PARTICIPATION

Prof / Dr / Mr / Ms H. Sudhakar has

participated in the Five Day Faculty Development Program on "**DISRUPTIVE TECHNOLOGIES IN**

ELECTRONICS & COMMUNICATIONS" organised by the Department of Electronics &

Communication Engineering during 27-12-2021 to 31-12-2021

I. Hemalatha

Dr. I. Hemalatha

T. Venkateswara Rao

Dr. T. Venkateswara Rao

K. Venkateswara Rao

Dr. K. Venkateswara Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NOTICE

Date: 17-12-2021

It is to inform all the Department staff members that "A 5-day Faculty Development Program on Data Science" is going to be organizing from 03-01-2022 to 07-01-2022. 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

Dept of CSE

FDP Program: Data Science Day wise Schedule Offline in SIR C R REDDY COLLEGE OF ENGINEERING

03/01/2022	04/01/2022	05/01/2022	06/01/2022	07/01/2022
9.00 AM – 9.30 AM				
Inauguration	9.30 AM – 11.00 AM	9.30 AM – 11.00 AM	9.30 AM – 11.00 AM	9.30 AM – 11.00 AM
9.30 AM – 11.00 PM	Tools and techniques to understand Computer Vision algorithms Introduction to AI	Graph Neural Networks and its applications in data analytics Introduction.	State of the art models with small graphs used for various applications. Information visualization techniques and Metrics	Algorithms and tools to process clinical data. Database Connectivity and Hadoop Ecosystem.
Applications of data science in NLP (Natural Language Processing) Introduction to Text analytics.				
11.00 AM – 01.00 PM	11.00 AM – 01.00 PM	11.00 AM – 01.00 PM	11.00 AM – 01.00 PM	11.00 AM – 01.00 PM
Application of transformer-based models for text analytics. Power of data science.	Deep learning and its applications. Machine learning Supervised Learning Technique Unsupervised Learning Technique.	Introduction to Python libraries used for GNN. Insight of Big Data Analytics.	Open source Tools for Data Science. Medical Data Analytics. Interdisciplinary scientific research with Data Science.	INDUSTRIAL VISIT
01.00 PM - 02.00 PM	01.00 PM - 02.00 PM	01.00 PM - 02.00 PM	01.00 PM - 02.00 PM	01.00 PM - 02.00 PM
LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
02.00 PM – 3.00 PM	02.00 PM – 3.00 PM	02.00 PM – 3.00 PM	02.00 PM – 3.00 PM	02.00 PM – 3.00 PM
Article Discussion	Article Discussion	Article Discussion	Article Discussion	MCQ, FEEDBACK & INTERACTION
03.00 PM – 5.30 PM	03.00 PM – 5.30 PM	03.00 PM – 5.30 PM	03.00 PM – 5.30 PM	03.00 PM – 5.30 PM
Hands-on exercises	Hands-on exercises	Hands-on exercises	Hands-on exercises	VALIEDICTORY

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 **"DATA SCIENCE"**
(03-01-2022 to 07-01-2022)

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 **"DATA SCIENCE"** at Sir C R Reddy
College of Engineering, Eluru from 03-01-2022 to 07-01-
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 V. Shariff, Asst. Prof

Smt Y. Anjani, Asst. Prof

Sri K. Sreenu, Asst. Prof

Dr. B. Madava Rao, Assoc. Prof

Sri CH. Sudhakar, Asst. Prof

A Five day Faculty Development Program on **"DATA SCIENCE"**

03-01-2022 to 07-01-2022

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:

Data science is a multi-disciplinary area that uses scientific methods, algorithms, and systems to extract hidden knowledge and insights from data. The demand for Data Scientists is proliferating, driven by the need for organizations to transform data into insights. Companies such as Google, Amazon, Microsoft, and Apple have been among the biggest recruiters of Data Scientists.

Data Science is used in almost every industry today that can predict customer behavior and trends and identify new opportunities. Governments also use Data Science to improve efficiency in the delivery of public services. This FDP program is devoted to offer a wide overview in the context of data science. The curriculum of FDP is designed to cover both theoretical and practical knowledge that will help diverse groups including Academicians, Industry professions, researchers, etc.

Resource Person:

Smt. Y. Jyothy , Asst. Professor.

Dhanekula Institute of Engineering & 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 40 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: 1250/-.

Form for Registration:

Note: Last date for registration is 27-12-2021.



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

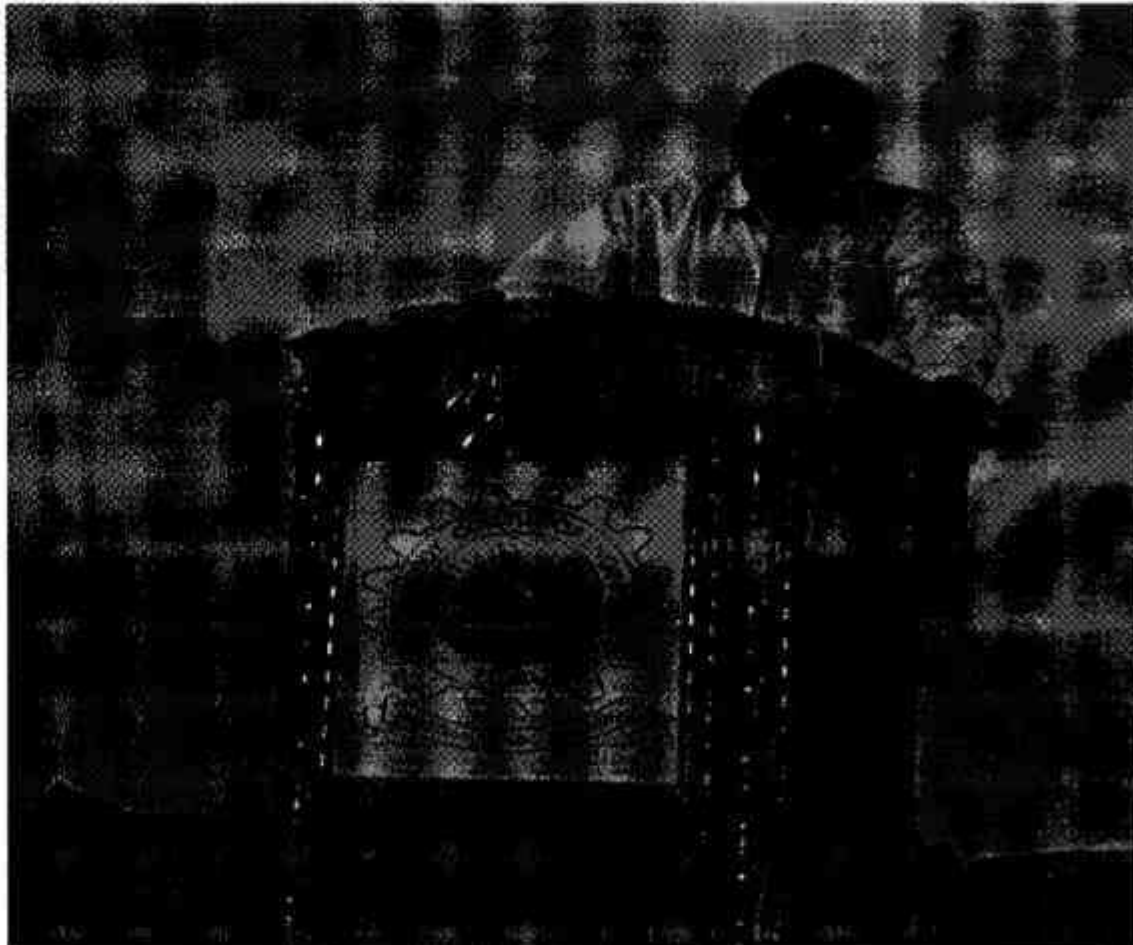
Name of the Department : CSE
 Name of the Programme : Data Science.
 Dates of the Programme : 03/01/2022 to 07/01/2022

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt: 3/1	Dt: 4/1	Dt: 5/1	Dt: 6/1	Dt: 7/1
1.	Dr. M. Krishna	C.S.E	W	W	W	W	W
2.	K. Anil Chaudary	CSE	Asst	Asst	Asst	Asst	Asst
3.	J.S. V. Gopala Krishna	CSE	JK	JK	JK	JK	JK
4.	Dr. G. Nirmala	CSE	Jr	Jr	Jr	Jr	Jr
5.	Dr. K.A. Madhavi Latha	CSE	Yell	Yell	Yell	Yell	Yell
6.	Dr. N. Deepak	CSE	D	D	D	D	D
7.	S. Mohan Babu	CSE	M	M	M	M	M
8.	Dr. B. Madhav Rao	CSE	K. Madhav Rao	K. Madhav Rao	K. Madhav Rao	K. Madhav Rao	K. Madhav Rao
9.	Konda Sireenu	CSE	K	K	K	K	K
10.	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
11.	K. Chaitanya Deepthi	CSE	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi
12.	M. Ganesh Babu	CSE	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
13.	Dr. K. Varada Rajkumar	CSE	K. Varada Rajkumar	K. Varada Rajkumar	K. Varada Rajkumar	K. Varada Rajkumar	K. Varada Rajkumar
14.	G. Satyanarayana	CSE	S	S	S	S	S
15.	Ch. Rama Devi	CSE	R	R	R	R	R
16.	Horner Benny Bandela	CSE	Benny	Benny	Benny	Benny	Benny
17.	R.S.K chaitanya	CSE	chait	chait	chait	chait	chait
18.	Sampathi V.S. Kumar	CSE	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar
19.	P. Naga Deepthi	CSE	p. deepthi	p. deepthi	p. deepthi	p. deepthi	p. deepthi
20.	M. Madhava Rao	CSE	madh	madh	madh	madh	madh
21.	K.V. Deepthi Doravalli	CSE	D	D	D	D	D
22.	Vahiduddin Shariff	CSE	Sing	Sing	Sing	Sing	Sing
23.	V. Pranav	CSE	P	P	P	P	P
24.	K. Sruathi	CSE	S	S	S	S	S
25.	S. Jaya Prakash	CSE	S. Jaya Prakash	S. Jaya Prakash	S. Jaya Prakash	S. Jaya Prakash	S. Jaya Prakash
26.	T. Koti Mani Kumar	CSE	M	M	M	M	M
27.	Ch. Srinivas	CSE	Ch	Ch	Ch	Ch	Ch
28.	Rama Lakshmi B	CSE	R	R	R	R	R
29.	T. Usha Rani	CSE	U	U	U	U	U
30.	Ch. Sudhakar	CSE	Sudh	Sudh	Sudh	Sudh	Sudh

**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
DATA SCIENCE FROM 03-01-2022 TO 07-01-2022**

The Faculty development programme started on 3rd January 2022 at 9:00 am with Jyothi Prajwalana. There were 14 external participants from different colleges and institutes and around 48 participants attended this FDP.

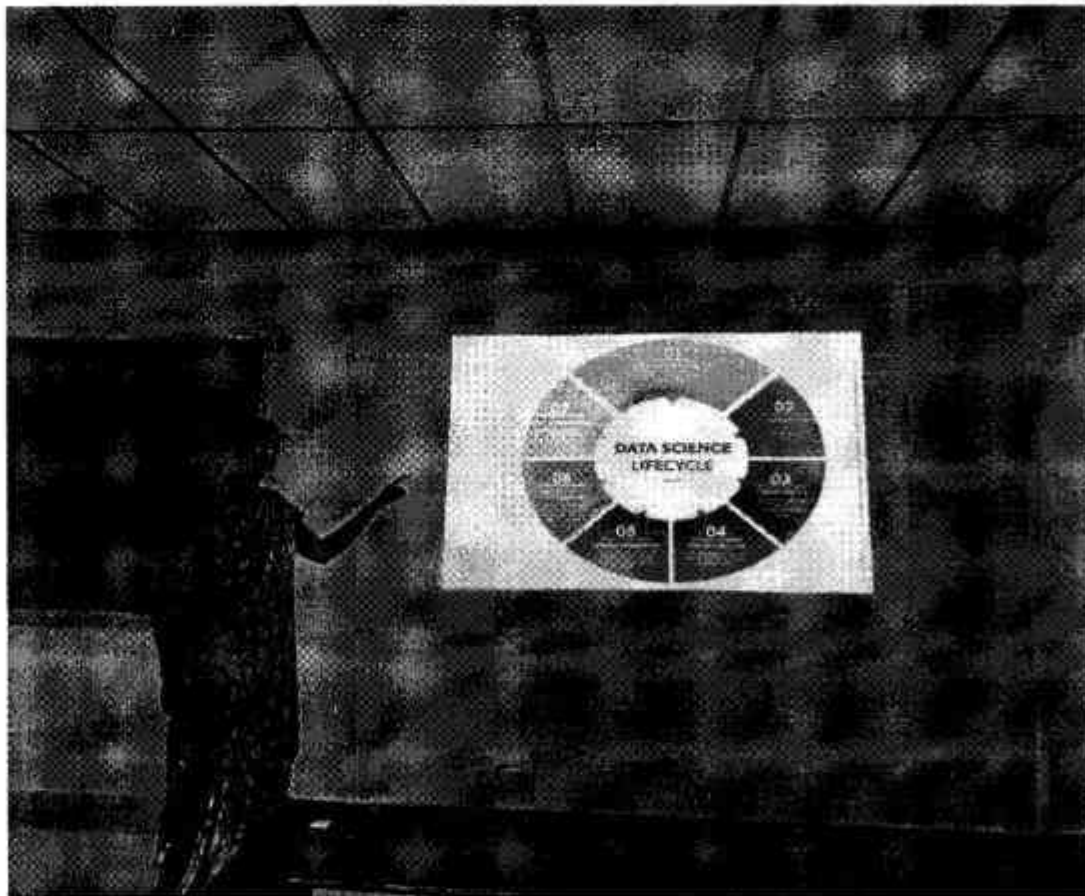
The dignitaries on the stage were Mr. Kommareddy Rambabu garu, President of Sir C R R Educational Institutions and Correspondent of Sir C R Reddy College of Engineering, Mr. N.V.K. Durgarao garu, Secretary of Sir C R R Educational Institutions.



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.K.Ramya Krishna, Asst. Professor in V.K.R.V.N.B & A.G.K College of Engineering. She also gave a glimpse of the activities going on in various locations on Data Science. Introduction to the FDP and highlights of Data Science by Smt.K.Ramya Krishna, 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.K.Ramya Krishna garu in which she mainly focused on the Applications of Data

Science in NLP. She also played a video on the activities in Data Science at various locations. 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 Data Science and interdisciplinary Scientific Research happening in Data Science which was followed by a brain storming session.



Addressing all the Participants of FDP by Smt.K.Ramya Krishna

The second day started off with the lecture of Smt.K.Ramya Krishna on the Power of Data Science, Tools & Techniques to understand Computer Vision Algorithms, AI, Deep Learning & its Applications, Python Libraries used for GNN, insight of Big Data Analytics. In the afternoon session there was an industrial visit.

Dr. A. Yesubabu felicitated Dr.N.Deepak after the lunch break; he mainly talked about his research in the area of Bioinformatics and shared his research experience. The next lecture was given by Dr.K.N.Madhavi Latha Associate Professor, Sir C R Reddy College of Engineering in which she gave highlights of various Cloud Types, Cloud Technology-Various Tools and techniques and how they are used in Real time Scenario.

On the Last day there was a discussion on Algorithms & tools to process Clinical data, database connectivity and Hadoop Ecosystem. 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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

M. Krishna

HEAD OF THE DEPARTMENT



J. C. Venkatesh

PRINCIPAL



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

This is to certify that

J. S. V. Gopala Krishna

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

M

HEAD OF THE DEPARTMENT



J. C. Venkatesh

PRINCIPAL



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

This is to certify that

K. Anil chowdary

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Dr. M. Deepak

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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. Madhavi Latha

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



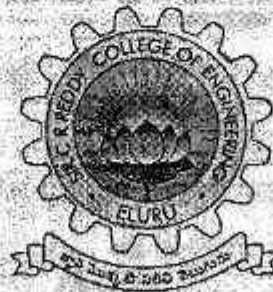
SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

K. Chaitanya Deepthi

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 05-01-2022 To 07-01-2022.

M

HEAD OF THE DEPARTMENT



J.C. Venkatesh

PRINCIPAL



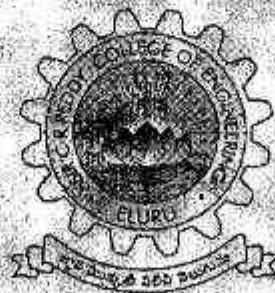
SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

M. Ganesh Babu

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

G. Satyanarayana

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Homer Benny, B

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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HEAD OF THE DEPARTMENT



[Signature]

PRINCIPAL



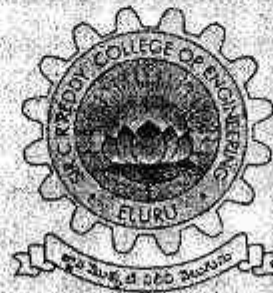
SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

Ch. Rama Devi

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

R. S. K. Chaitanya

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

[Signature]

HEAD OF THE DEPARTMENT



[Signature]

PRINCIPAL



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

This is to certify that

Samparthi V. S. Kumar

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

P. Naga Deepthi

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C. R. Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CCF has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mahiduddin Shariff

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

V.V. Deepthi Donavalli

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

[Signature]

HEAD OF THE DEPARTMENT



[Signature]

PRINCIPAL



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

This is to certify that

K. Swathi

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



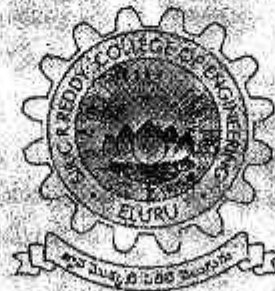
SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

T. Koti Manikumar

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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 CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



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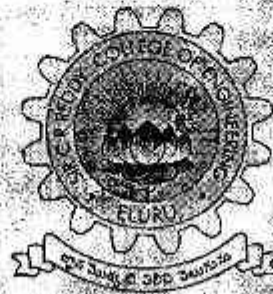
SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

Ch. Sudhakar

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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

This is to certify that

Unnikrishnan Jambhi

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



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



This is to certify that

A. Row Kumar

From _____ *CSE* has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT

M



PRINCIPAL

/s/ Venkatesh



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

This is to certify that

M. Siva Ganesh

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

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

This is to certify that

Y. Anjani

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



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

This is to certify that

Dr. k. Varada Rajkumar

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

[Signature]

HEAD OF THE DEPARTMENT



[Signature]

PRINCIPAL



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

This is to certify that

S. Jaya Prakash

From CSE has successfully completed
Faculty Development Program on **DATA SCIENCE** at Sir C R Reddy College Of
Engineering in CSE Department from 03-01-2022 To 07-01-2022.

HEAD OF THE DEPARTMENT



PRINCIPAL



SIRCRREDDYCOLLEGE OF ENGINEERING

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

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

Phoneno:08812-230840, 2300656 Fax: 08812-224193 Visitusat<http://www.sircrrengg.ac.in>

DEPARTMENT OF CIVIL ENGINEERING

Date:21-01-2022

CIRCULAR

We are Pleased to inform that the Civil Engineering Department is conducting a Five-Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" will be Scheduled from 07-02-2022 to 11-02-2022 at 9.30 AM onwards.

Venue: Compute 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:

I. 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 “Principles of Foundation Engineering for Rural Housing”

Date	Forenoon (9:30-12:30)	Afternoon (01:00-03:00)
07-02-2022	Integration of Principles of Foundation Engineering for Rural Housing. Dr. Dasaka S. Murthy	Overview Foundations. Dr. Dasaka S. Murthy
08-02-2022	Introduction to Soil Structure Interaction. Dr. Dasaka S. Murthy	Introduction to Soil Structure Interaction. Dr. Dasaka S. Murthy
09-02-2022	Overview on Shallow and Deep Foundations Dr. Dasaka S. Murthy	Stabilizer Used For Foundations. Dr. Dasaka S. Murthy
10-02-2022	Application of Admixtures in Foundations. A. Surya Manikantha	Soil stabilization. A. Surya Manikantha
11-02-2022	Strengthen of loose Soils. A. Surya Manikantha	Foundations in Rural Housing. A. Surya Manikantha

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
"Principles of Foundation Engineering for
Rural Housing"
(07-02-2022 to 11-02-2022)

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 "Principles of Foundation Engineering for
Rural Housing" at Sir C R Reddy College of
Engineering, Eluru from 07-02-2022 to 11-02-2022.

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: crccivil@gmail.com

Co-Ordinator: Mr. A. Surya Manikantha

Asst Prof., Department of Civil

Ph: +91 9618443254

E-mail: addalasuryamanikantha@gmail.com

Organizing Committee:

Sri. K. Srinivasa Rao, Asst Professor

Sri. M. Chandra Kanth, Asst Prof

Sri. N.S.Poornachandra Rao, Asst Prof

Smt. K. Dharani Asst Prof

Smt.V.Venkata Sujitha, Asst Prof

Sri. Y. Sasidhar, Asst Prof

Sri. B. Ranjith Kumar, Asst Prof

Smt. A. Sreepriya, Asst Prof

Sri. Mr. Prasanna Kumar, Asst Prof

A Five day Faculty Development Program on
"Principles of Foundation Engineering for
Rural Housing"

07-02-2022 to 11-02-2022

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:

Principles of Foundation Engineering for Rural Housing encompass a tailored approach to building robust and sustainable foundations suitable for rural environments. Unlike urban settings, rural areas may present unique challenges such as varying soil types, limited access to resources, and often a lack of infrastructure. Therefore, foundational principles need to adapt to these circumstances. Firstly, understanding the soil composition is crucial. Conducting soil tests to determine load-bearing capacity and settlement potential ensures the foundation's stability over time. Additionally, designing foundations that can accommodate seasonal changes, such as freezing and thawing, is essential in rural areas with harsh climates. Incorporating local materials and techniques into foundation construction promotes sustainability and affordability. Utilizing locally available stones, gravel, or even recycled materials reduces costs and minimizes environmental impact.

Resource Person:

Dr. Dasaka S. Murthy, Professor.

Indian Institute of Technology Bombay.

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 40 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 27-01-2021.

**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
PRINCIPLES OF FOUNDATION ENGINEERING FOR
RURAL HOUSING**

FROM 07-02-2022 to 11-02-2022

The faculty development programme started on 7th February 2022 at 9:30 am with Dr. Dasaka S. Murthy. 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 principles of foundation engineering tailored specifically for rural housing projects. Participants gained insights into the importance of proper foundation design and construction techniques for ensuring the stability and durability of rural housing structures. Through interactive sessions and case studies, attendees developed an understanding of the unique challenges and considerations associated with foundation engineering in rural areas.

Day 2 focused on soil mechanics and site investigation techniques essential for foundation design in rural housing projects. Participants learned about soil properties, classification systems, and their implications for foundation selection and design. Practical demonstrations and field exercises allowed attendees to apply soil testing methods and site investigation techniques, enabling them to assess soil conditions and make informed decisions for foundation design.

On Day 3, the discussion expanded to foundation types and design considerations suitable for rural housing projects. Participants explored various foundation systems, including shallow foundations such as strip footings and isolated footings, as well as deep foundations like pile foundations. Through case studies and design exercises, attendees gained insights into the factors influencing foundation selection, including soil conditions, structural requirements, and cost considerations.



Dr. Dasaka S. Murthy, Professor. Indian Institute of Technology Bombay.

Day 4 delved into construction techniques and quality control measures essential for ensuring the integrity and performance of rural housing foundations. Participants learned about construction methods for different types of foundations, including excavation, formwork, reinforcement, and concrete placement. Practical demonstrations and site visits provided hands-on experience in implementing construction techniques and quality control measures, emphasizing the importance of adherence to standards and specifications.

The final day of the workshop focused on integrating knowledge and engaging with local communities in rural housing projects. Participants discussed strategies for community engagement, participatory design, and capacity building to empower residents and ensure the sustainability of housing initiatives. Through interactive workshops and stakeholder discussions, attendees collaborated on developing holistic approaches to rural housing development that address the social, economic, and environmental needs of local communities.

Overall, the Principles of Foundation Engineering for Rural Housing workshop provided participants with a comprehensive understanding of foundation engineering principles tailored to rural housing projects. Through theoretical insights, practical demonstrations, and community engagement activities, attendees gained valuable knowledge and skills to contribute to the design, construction, and sustainability of rural housing initiatives, fostering resilience and improving quality of life in rural communities.



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


Principles of Foundation Engineering for Rural Housing

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms _____ K. Srinivasa Rao

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


CONVENOR


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


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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on


Principles of Foundation Engineering for Rural Housing

CERTIFICATE OF PARTICIPATION

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

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


CONVENOR


HOD-CIVIL
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PRINCIPAL
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ELURU - 534 007



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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on


Principles of Foundation Engineering for Rural Housing

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms K. Hanumantha Rao

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


CONVENOR


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Head of the Department
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ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on


Principles of Foundation Engineering for Rural Housing

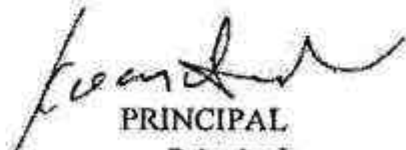
CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms K. Dhanan

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


CONVENOR


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


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



SIR C R REDDY COLLEGE OF ENGINEERING

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Five Day Faculty Development Program

on


Principles of Foundation Engineering for Rural Housing

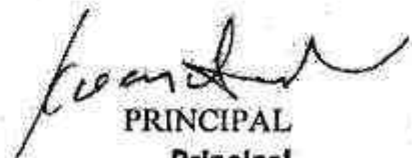
CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms _____ K. Kiran Kumar

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


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Civil Engineering
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Principal
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ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

Principles of Foundation Engineering for Rural Housing

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms _____

Y. Sasidhar

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.

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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on


Principles of Foundation Engineering for Rural Housing


CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms T. Sivarama Krishna

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


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Head of the Department
Civil Engineering
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PRINCIPAL
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ELURU - 534 007



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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

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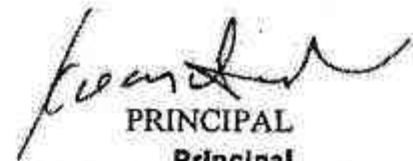
CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms _____ B. Ranjith Kumar

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


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Head of the Department
Civil Engineering
Sir C.R.R. College of Engineering
ELURU-534007, W G Dist.


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SIR C R REDDY COLLEGE OF ENGINEERING

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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on


Principles of Foundation Engineering for Rural Housing


CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms _____ Dr. Lakshmi naga bala

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


CONVENOR


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


PRINCIPAL
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Sir C.R.R. College of Engineering
ELURU - 534 007



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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on


Principles of Foundation Engineering for Rural Housing


CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr. / Ms _____ A. Sreepriya

has participated in the Five Day Faculty Development Program on "Principles of Foundation Engineering for Rural Housing" organised by the Department of Civil Engineering during 07-02-2022 to 11-02-2022.


CONVENOR


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


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



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

FIRST YEAR ENGINEERING DEPARTMENT

NOTICE

Date: 28-01-2022

It is to inform all the Department staff members that "**A 5-day Faculty Development Program on Advanced Research Methodology**" is going to be organizing from **07-02-2022 to 11-02-2022**. 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

1st Year Engineering Department
Sir C.R. Reddy College of Engineering
ELURU-534 607

A FIVE DAYS FDP PROGRAMME ON
Advanced Research Methodology
(Offline Mode)
Organized by
First Year Engineering Department
Sir C R Reddy College of Engineering
Day wise Schedule(07/02/2022 to 11/02/2022)

Date/Time	07-02-2022	08-02-2022	09-02-2022	10-02-2022	11-02-2022
9AM- 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-: Qualitative Research.	Session-3: Research-Critical Thinking	Session-5: Quantitative Research	Session-7: Research Ethics-Ethical considerations	Advanced Research summary
12Noon-1PM	Article Discussion*	Article Discussion**	Article Discussion	Article Discussion	
1PM - 2PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
2P 4.30PM	Session-2: Research Design	Session - 4: Identifying the Research Problem	Session-6: Predatory Journals, Publications in Research	Session-8: Review of Research, Research Progression	Feed Back,MCQ,
4.30PM-5.30PM	Research Design	Identifying the Research Problem	Predatory Journals, Publications in Research	Review of Research, Research Progression	Valedictory session


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 **“Advanced Research Methodology”**
(07-02-2022 to 11-02-2022)

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 **“Advanced Research
Methodology”** at Sir C R Reddy College of Engineering,
Eluru from 07 Feb 2022 – 11 Feb 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: Sushma Patnaik
Assistant. Prof., Department of English
Ph: +919640637378

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
“Advanced Research Methodology”**

07-02-2022 to 11-02-2022

Organized by First Year Engineering
Department



**SIR C R REDDY COLLEGE OF
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Eluru-534007, West Godavari Dist, A.P., India
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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 the Research Methodology. Advanced Research Methodology refers to the systematic and scientific approach used to conduct research, investigate problems, and gather data and information for a specific purpose. It involves techniques and procedures to identify, collect, analyze and interpret data.

Resource Persons:



Mrs.A.R.N.L.Sirisha, Assist.Professor
Ch.S.D.St.Theresa's College for Women

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 05-02-2022.

SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU

FIRST YEAR ENGINEERING DEPARTMENT



**A five-days Faculty Development
Programme on**

Advanced Research Methodology

On

03/09/2022

Mrs. A.R.N.L. Sirisha

Assistant Professor

ChSDS Theresa's College for women, Eluru



**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
Advanced Research Methodology
FROM 07-02-2022 to 11-02-2022**

The faculty development programme started on 7th February 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.



Jyothi Prajwalana 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 Mrs. A.R.N.L.Sirisha, Asst. Professor in St. Theresa's College for Women. In this session she mainly focussed on the Introduction to advanced Research Methodology.

In this session the speaker mainly focus on the following topics

QUALITATIVE RESEARCH Qualitative research involves collecting and analyzing non-numerical data (such as text, video, or audio) to understand concepts, opinions, or experiences. Unlike quantitative research, which deals with numerical data for statistical analysis, qualitative research focuses on depth, context, and rich meaning. It is commonly used in the humanities and social sciences, including fields like anthropology, sociology, education, health sciences, and history.

Introduction to the FDP and highlights of the topic by Mrs. A.R.N.L.Sirisha.



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 differnt 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 Mrs. A.R.N.L.Sirisha Continued a Lecture on Remember, instructional design is about creating engaging and effective learning experiences, ensuring learners acquire knowledge on Research.

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.



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 : ADVANCED RESEARCH METHODOLOGY
Dates of Programme : 07.02.2022 - 11.02.2022

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt: 7/2/22	Dt: 8/2/22	Dt: 9/2/22	Dt: 10/2/22	Dt: 11/2/22
1.	K. Ramanjanyulu	FED	P	P	P	P	P
2.	A. Srinivas	FED	P	P	P	P	P
3.	B. Kanaka Raju	FED	B. Kanaka	B. Kanaka	B. Kanaka	B. Kanaka	B. Kanaka
4.	S. Sree Rajesh	FED	S	S	S	S	S
5.	K. Gangadhara Rao	FED	K	K	K	K	K
6.	V. Vijayalakshmi	FED	V	V	V	V	V
7.	P. Venkata Vasavi	FED	P	P	P	P	P
8.	Shake Baji	FED	V	V	V	V	V
9.	P. Anitha vijaya sri	FED	P	P	P	P	P
10.	M. Durga Ratnam	FED	M	M	M	M	M
11.	S. Ravi kumar	FED	S	S	S	S	S
12.	V. Ravi kiran	FED	V	V	V	V	V
13.	M. Veeranjanyulu	FED	M	M	M	M	M
14.	D. Ganga Bhavani	FED	D	D	D	D	D
15.	Swetha Lanka	FED	S	S	S	S	S
16.	Devi Naga prassana B	FED	D	D	D	D	D
17.	K.V. Uma karuna Devi	FED	K	K	K	K	K
18.	M. Anand kumar	FED	M	M	M	M	M
19.	R. Pavan kumar	FED	R	R	R	R	R
20.	Syed zarcena	FED	S	S	S	S	S
21.	Sushma Patnaik	FED	S	S	S	S	S
22.	M. Tejaswi Pushpa	FED	M	M	M	M	M
23.	Sidhadapu sireesha	FED	S	S	S	S	S
24.	V. Pravallika	FED	V	V	V	V	V
25.	K. Madhavi	FED	K	K	K	K	K

Satani
Programme Co-ordinator

DATE : 07/02/2022

DAY : 1

SESSION : 1

In this session the speaker mainly focus on the following topics

Qualitative research involves collecting and analyzing non-numerical data (such as text, video, or audio) to understand concepts, opinions, or experiences. Unlike quantitative research, which deals with numerical data for statistical analysis, qualitative research focuses on depth, context, and rich meaning. It is commonly used in the humanities and social sciences, including fields like anthropology, sociology, education, health sciences, and history.

Here are some key points about qualitative research:

1. **Approaches to Qualitative Research:**

- Researchers use various approaches, each emphasizing different aims and perspectives:
 - **Grounded Theory:** Inductively develops theories based on rich data.
 - **Ethnography:** Immerses researchers in groups or organizations to understand their cultures.
 - **Action Research:** Collaboratively links theory to practice for social change.
 - **Phenomenological Research:** Investigates lived experiences of participants.
 - **Narrative Research:** Examines how stories are told to understand perception and sense-making.

2. **Examples of Qualitative Research Questions:**

- How does social media shape body image in teenagers?
- How do children and adults interpret healthy eating in the UK?
- What factors influence employee retention in large organizations?
- How is anxiety experienced around the world?
- How can teachers integrate social issues into science curriculums?

Remember, qualitative research provides valuable insights into human experiences and perspectives!

SESSION : 2

In this session the speaker mainly focus on the following topics **RESEARCH DESIGN**

Research design refers to the overall plan, structure, or strategy that guides a research project from its conception to the final data analysis. Here are some key aspects of research design:

1. **Purpose and Scope:**

- Research design outlines the purpose, scope, and objectives of the study.
- It clarifies what the researcher aims to achieve and the questions they seek to answer.

2. **Types of Research Design:**

- **Descriptive Research Design:** Describes and explains phenomena without manipulating variables.
- **Exploratory Research Design:** Investigates new topics or explores unfamiliar areas.
- **Experimental Research Design:** Manipulates variables to establish cause-and-effect relationships.
- **Correlational Research Design:** Examines relationships between variables without manipulation.
- **Longitudinal Research Design:** Studies changes over time by collecting data at multiple points.

3. **Elements of Research Design:**

- **Sampling:** Deciding how to select participants or data points.
- **Data Collection Methods:** Choosing surveys, interviews, observations, or experiments.
- **Data Analysis Techniques:** Selecting appropriate statistical or qualitative methods.
- **Time Horizon:** Determining whether the study is cross-sectional or longitudinal.

4. **Examples of Research Designs:**

- **Case Study:** In-depth analysis of a single individual, group, or phenomenon.
- **Survey Research:** Collecting data from a large sample using questionnaires.
- **Experimental Design:** Randomly assigning participants to treatment and control groups.
- **Grounded Theory:** Developing theories based on empirical data.

Remember, a well-thought-out research design ensures that methods match research objectives and leads to valid and reliable findings.

SESSION :3

In this session the speaker mainly focus on the following topic **RESEARCH AND CRITICAL THINKING**

Research and critical thinking are intertwined processes that play essential roles in academic and professional contexts. Let's delve into their significance and how they complement each other:

1. Research:

- **Definition:** Research involves systematic investigation, exploration, and analysis of a topic or problem to discover new knowledge or validate existing information.
- **Purpose:**
 - To answer specific questions.
 - To explore phenomena.
 - To contribute to existing knowledge.
- **Stages of Research:**
 - **Formulating Research Questions:** Identifying what you want to investigate.
 - **Designing the Study:** Planning data collection methods and procedures.
 - **Collecting Data:** Gathering relevant information.
 - **Analyzing Data:** Extracting patterns, trends, and insights.
 - **Drawing Conclusions:** Interpreting findings and making informed statements.
 - **Communicating Results:** Sharing outcomes through research papers, presentations, or other formats.

2. Critical Thinking:

- **Definition:** Critical thinking is the ability to effectively analyze information, evaluate arguments, and form judgments based on evidence.
- **Key Aspects:**
 - **Awareness of Bias:** Recognizing personal biases and assumptions when encountering information.
 - **Consistent Standards:** Applying consistent criteria when evaluating sources.
 - **Independent Evaluation:** Assessing alternative viewpoints and testing hypotheses.
- **Importance:**
 - Critical thinking helps identify credible sources, strengthen conclusions, and engage independently with information.
 - It is relevant in all disciplines and throughout the research process.

3. Examples:

- **Good Critical Thinking (Academic Context):**
 - Evaluating research on a groundbreaking diabetes treatment funded by a pharmaceutical company. Skepticism arises due to potential bias, leading to the need for independent confirmation.
- **Poor Critical Thinking (Academic Context):**
 - Accepting research results without considering funding sources or comparing them with other studies.

In summary, research and critical thinking are inseparable companions, guiding the pursuit of knowledge and ensuring rigorous inquiry! ☐☐

SESSION : 4

In this session the speaker mainly focus on the following topic **IDENTIFYING THE RESEARCH PROBLEM**

Certainly! Identifying a **research problem** is a crucial initial step in any research endeavor. It involves specifying an issue or gap in existing knowledge that you aim to address in your research. Let's explore how to define and identify a research problem:

1. **Why Is the Research Problem Important?:**

- Having an interesting topic isn't sufficient for academic research.
- Without a well-defined research problem, you might end up with an unfocused and unmanageable project.
- A clear problem is essential for research that contributes new and relevant insights.

2. **Steps to Identify a Research Problem:**

a. **Identify a Broad Problem Area:**

- As you read about your topic, look for under-explored aspects or areas of concern, conflict, or controversy.
- Your goal is to find a gap that your research project can fill.

b. **Practical Research Problems:**

- If you're doing practical research, consider:
 - Issues with performance or efficiency.
 - Processes that could be improved.
 - Areas of concern among practitioners.
- Examples:
 - Voter turnout in New England has been decreasing, in contrast to the rest of the country.
 - The HR department of a local chain of restaurants has a high staff turnover rate.
 - A non-profit organization faces a funding gap that means some of its programs will have to be cut.

c. **Theoretical Research Problems:**

- If you're doing theoretical research, explore existing research, theory, and debates on your topic.
- Look for:
 - A phenomenon or context that has not been closely studied.
 - A gap in what is currently known about the topic.

3. **Formulate It as a Problem Statement and/or Research Questions:**

- When writing your research proposal or introduction, express the research problem clearly.
- Formulate it as a problem statement and/or research questions.

Remember, a well-defined research problem sets the stage for your study and ensures that your research is relevant and contributes to existing knowledge! ☐☐

DATE : 09/02/2022

DAY : 3

SESSION : 5

In this session the speaker mainly focus on the following topic **QUANTITATIVE RESEARCH**

Quantitative research is the process of collecting and analyzing numerical data. It can be used to find patterns and averages, make predictions, test causal relationships, and generalize results to wider populations..Here are some key points about quantitative research:

1. Quantitative Research Methods:

- Researchers use quantitative research methods for descriptive, correlational, or experimental research.
- Examples:
 - **Descriptive Research:** Provides an overall summary of study variables.
 - **Correlational Research:** Investigates relationships between variables.
 - **Experimental Research:** Tests cause-and-effect relationships by manipulating variables.

2. Data Collection Techniques:

- **Experiment:** Manipulate an independent variable to measure its effect on a dependent variable.
 - Example: Testing whether an intervention reduces procrastination in college students.
- **Survey:** Ask questions of a group of people using questionnaires.
 - Example: Investigating experiences of culture shock among first-year international college students.
- **(Systematic) Observation:** Monitor behavior in its natural setting.
 - Example: Observing college classroom participation and recording active/passive behaviors.

3. Advantages of Quantitative Research:

- **Objectivity:** Numerical data reduces bias.
- **Generalizability:** Results can be applied to broader populations.
- **Statistical Analysis:** Allows formal hypothesis testing.

4. Disadvantages of Quantitative Research:

- **Limited Context:** May miss rich contextual details.
- **Complexity:** Requires statistical expertise.
- **Assumptions:** Assumes that reality can be quantified.

Remember, quantitative research provides valuable insights into patterns and relationships, but it's essential to consider its limitations! ☐☐

SESSION : 6

In this session the speaker mainly focus on the following topic **Predatory Journals, Publications in Research**

Predatory journals are a concerning issue in the realm of scientific publishing. These journals exhibit questionable practices and often publish low-quality research. Let's delve into what they are and how they impact the scientific community:

1. **Definition of Predatory Journals:**

- **Predatory journals** actively solicit manuscripts from researchers.
- They lack a proper peer review system and a genuine editorial board.
- Often, they publish mediocre or even worthless papers.

2. **Characteristics of Predatory Journals:**

- **Poor Editorial Practices:** These journals deviate from best editorial practices.
- **False or Misleading Information:** They might use deceptive information.
- **Aggressive Solicitation:** Predatory journals often aggressively seek submissions.

3. **Extent of the Problem:**

- The academic database **Scopus** hosts content from over **300 potentially predatory journals**.
- These journals contributed more than **160,000 articles** over three years, constituting nearly **3%** of the studies indexed on Scopus during that period.

4. **Mitigation Efforts:**

- Scopus has taken steps to address this issue by **stopping indexing new content** from flagged journals.
- However, old content from these journals remains indexed.

In summary, researchers must exercise caution when selecting journals for publication and be aware of the risks associated with predatory practices. High-quality, reputable journals with rigorous peer review processes remain essential for advancing scientific knowledge.

Date : 10/02/2022

day: 4

Session : 7

In this session the speaker mainly focus on the following topic Research Ethics-Ethical considerations

Certainly! **Research ethics** play a pivotal role in maintaining scientific integrity, safeguarding human rights and dignity, and fostering collaboration between science and society. Let's delve into the key ethical considerations in research:

1. **Voluntary Participation:**

- Researchers must ensure that participation in studies is **voluntary**.
- Participants should not be coerced or pressured to take part.

2. **Informed Consent:**

- **Informed consent** is a fundamental ethical principle.
- Participants must be fully informed about the study's purpose, procedures, risks, and benefits.
- They should provide explicit consent before participating.

3. **Anonymity:**

- **Anonymity** ensures that participants remain unidentifiable.
- Researchers should avoid collecting personally identifiable information unless necessary.

4. **Confidentiality:**

- Information gathered during a study must be kept **confidential**.
- Researchers should protect participants' privacy by handling data securely.

5. **Potential for Harm:**

- Researchers must assess the **potential for harm** to participants.
- Ethical decisions should prioritize minimizing harm.

6. **Results Communication:**

- Researchers have an ethical obligation to communicate study results transparently.
- Accurate reporting ensures scientific integrity and informs future research.

Remember, adhering to research ethics not only upholds the credibility of your work but also respects the rights and dignity of study participants.

Session : 8

In this session the speaker mainly focus on the following topic **Review of Research, Research Progression**

Certainly! Let's explore the **research process** and the key stages involved in conducting research. Additionally, I'll touch upon **research progression** for research students.

Research Process: Key Stages

The research process comprises several interconnected stages, each contributing to the overall success of a research study. Here are the essential steps:

1. **Identify the Problem:**
 - Begin by identifying a **research problem** or question.
 - Conduct a **literature review** to understand the existing context and relevant studies.
2. **Formulate Research Questions, Objectives, and Hypotheses:**
 - Based on the research problem, set clear **research questions**, define objectives, and formulate hypotheses.
3. **Choose the Study Design:**
 - Select an appropriate **research study design** (e.g., experimental, observational, qualitative, or quantitative).
 - Consider factors like data collection methods, sample size, and data analysis techniques.
4. **Decide on the Sample Design:**
 - Determine how you will select participants or subjects for your study.
 - Address issues related to sampling, such as random sampling or stratification.
5. **Collect Data:**
 - Implement data collection procedures according to your chosen design.
 - Gather relevant information from surveys, experiments, observations, or other sources.
6. **Process and Analyze Data:**
 - Process the collected data, clean it, and organize it for analysis.
 - Apply appropriate statistical or qualitative methods to draw meaningful conclusions.
7. **Write the Research Report:**
 - Summarize your findings, interpret results, and discuss implications.
 - Present your research in a well-structured report or paper.

Research Progression for Students

For research degree students, progression reviews are essential checkpoints throughout their program. Here are some key aspects:

1. **Submission of Progress Reports:**
 - Research students must submit written reports summarizing their progress since the last review.
 - These reports provide insights into research developments and challenges.
2. **Viva Examination:**
 - The review process includes a **viva** (oral examination) where students discuss their work with examiners.
 - Examiners assess the student's understanding, methodology, and progress.
3. **Academic Needs Analysis:**
 - The review also involves evaluating the student's academic needs.
 - It ensures that appropriate support and resources are provided.

In summary, research progression reviews help monitor student development, ensure timely progress, and maintain research quality.

Date : 11/02/2020

day:5

Session : 9

In this session the speaker mainly focus on the **ADVANCED RESEARCH SUMMARY**

Research Process: Key Stages

The research process comprises several interconnected stages, each contributing to the overall success of a research study. Here are the essential steps:

8. **Identify the Problem:**
 - Begin by identifying a **research problem** or question.
 - Conduct a **literature review** to understand the existing context and relevant studies.
9. **Formulate Research Questions, Objectives, and Hypotheses:**
 - Based on the research problem, set clear **research questions**, define objectives, and formulate hypotheses.
10. **Choose the Study Design:**
 - Select an appropriate **research study design** (e.g., experimental, observational, qualitative, or quantitative).
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SIR CR REDDY COLLEGE OF ENGINEERING
FIRST YEAR ENGINEERING DEPARTMENT

CERTIFICATE OF COMPLETION

This Certificate is presented to

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

for Successful Completion of five days Faculty Development Programme on
“*Advanced Research Methodology*” at Sir C.R.Reddy College of Engineering
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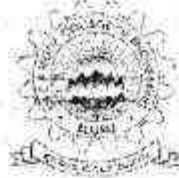
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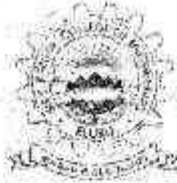
This Certificate is presented to

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

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Prof./Dr./Mr./Mrs./Ms. M. Veeranjanejulu

for Successful Completion of five days Faculty Development Programme on-
“*Advanced Research Methodology*” at Sir C.R.Reddy College of Engineering
in FED from 07.02.2022 - 11.02.2022


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This Certificate is presented to

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

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

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

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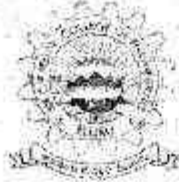
This Certificate is presented to

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

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

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

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SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

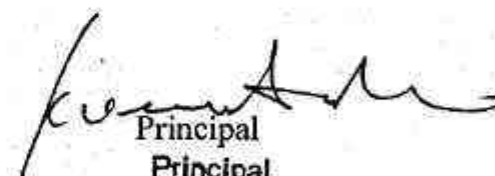
NOTICE

Attention to all Non-Teaching Staff Members

Date: 19-12-2021

It is to inform that all the Non-Teaching staff members of CSE, IT & ECE Departments "A 1-day Skill Development Program on **"Python Programming"** is going to be organized on **04-01-2022**.

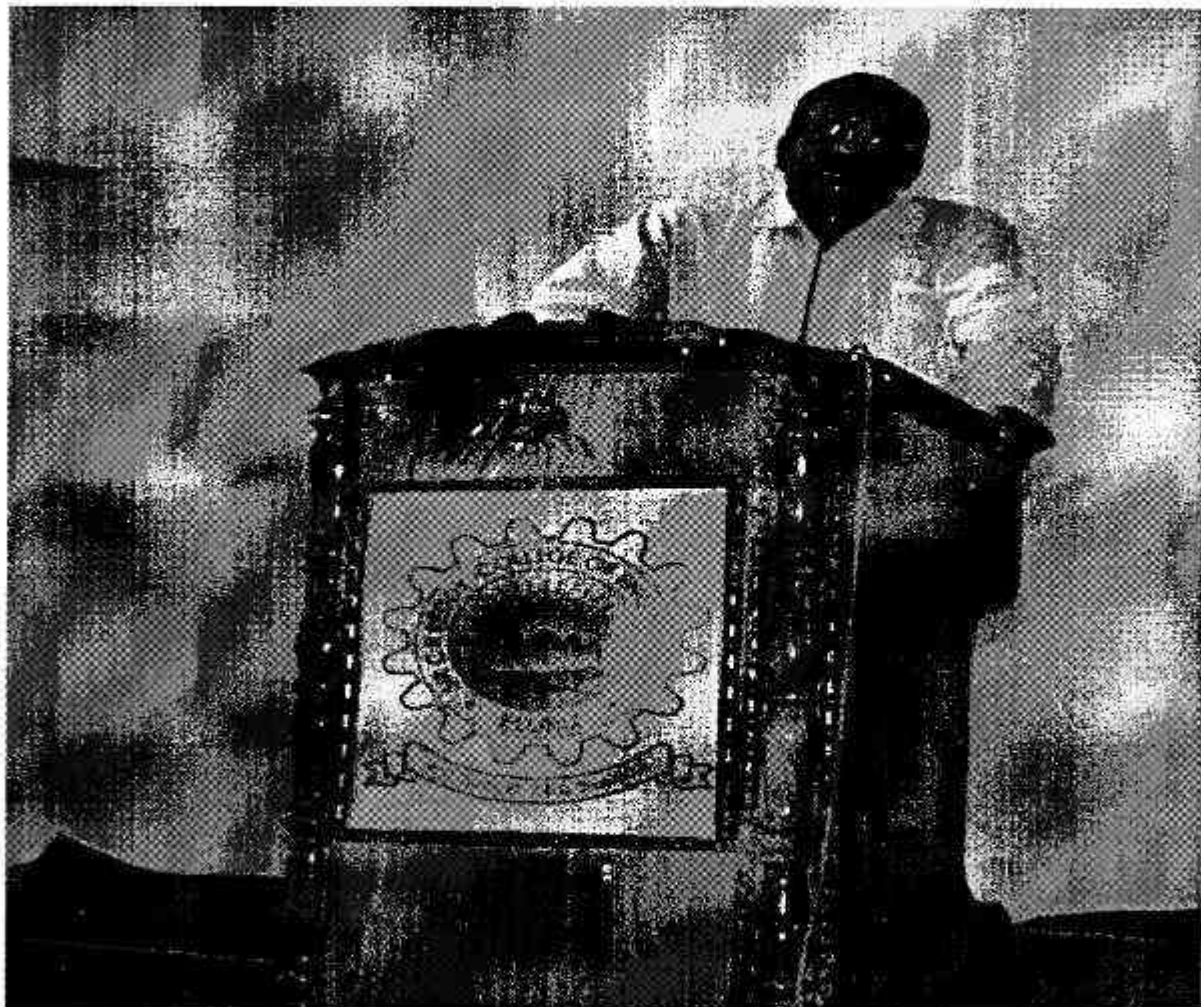
Hence all the interested Non-Teaching staff members of CSE, IT & ECE Departments are advised to participate in this program and get benefited.


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

REPORT ON SKILL DEVELOPMENT PROGRAMME ON PYTHON PRORAMMING ON 04-01-2022

The Skill development programme started on 4th January 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 G.Satyanarayana, Asst. Professor, Sir C R Reddy College of Engineering. He also gave a glimpse of the activities going on in various locations on Python Programming. Introduction to the SDP and highlights of Python Programming by Sri G.Satyanarayana, 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 Sri G.Satyanarayana garu in which he mainly focussed on the basics of Python

Programming, basic requirements for the installation of Python in the computer. He also played a video on the activities in Python Programming at various locations. 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 Python Programming which was followed by a brain storming session.



Addressing all the Participants of SDP by Sri.G.Satyanarayana

The afternoon session started off with the lecture by Sri G.Satyanarayana on the applications of Python programming in various areas in the Real world scenario.

On the Last day there was a discussion on Deploying python onAmazonWebservices. 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

P. Ruth.

From SIR CRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

M. S. S.

HEAD OF THE DEPARTMENT



J. Venkatesh

PRINCIPAL



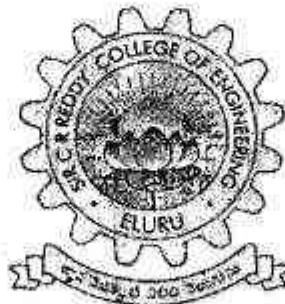
SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

K.S. Sirisha

From SIR CRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

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 CR R COE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on **04-01-2022.**

M

HEAD OF THE DEPARTMENT



J. Venkatesh

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

S. Jaya Rama Krishna.

From SIRCRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

M. S. S.

HEAD OF THE DEPARTMENT



P. Venkatesh

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

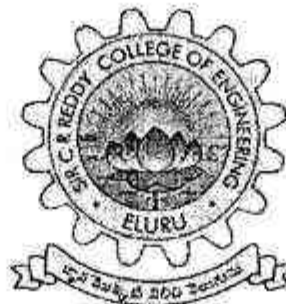
This is to certify that

M. Sravani

From SIR CRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

M. S.

HEAD OF THE DEPARTMENT



P. Venkatesh

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

This is to certify that

G. L. Ganesh Babu

From SIR CRR COE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

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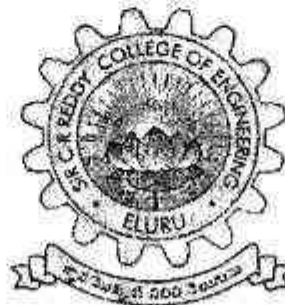
This is to certify that

P. Prathima

From SIR C R R COE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

M. S. S. S.

HEAD OF THE DEPARTMENT



P. Venkatesh

PRINCIPAL



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

This is to certify that

T. S. Anand

From SIRCRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

M

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J. Venkatesh

PRINCIPAL



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

This is to certify that

B. Rangamma

From SIR CRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

M. S.

HEAD OF THE DEPARTMENT



P. Venkatesh

PRINCIPAL



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

This is to certify that

G. Muralidhara Rao

From SIR CRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

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

This is to certify that

P. V. Padmavathi

From SIR C R R COE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

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P. Venkatesh

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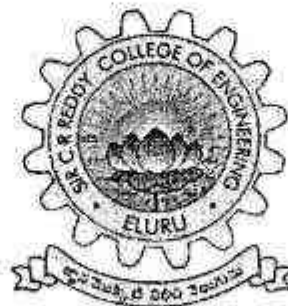
SIR CR REDDY COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

Gr. Kali Krishna

From SIR CRRCOE has successfully completed
Skill Development Program on **“Python Programming”** at Sir C R Reddy College
Of Engineering on 04-01-2022.

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

This is to certify that

D. Leela Kumari

From SIR CRRCOE has successfully completed
Skill Development Program on **"Python Programming"** at Sir C R Reddy College
Of Engineering on 04-01-2022.

M

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J. Venkatesh

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