

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.sircrrengg.ac.in



OFF: (08812) 230840, 230565

FAX : (08812) 224195

Email: principal.sircrrengg@gmail.com

List of Full time Teachers Participated in Professional Development Programs

AY:2020-21

S.NO	Name of the full-time Teacher	Designation	Name of the program participated	Date and Duration
1	K.Srinivasa Rao	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
2	D.Babavali	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
3	M.Chandrakanth	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
4	K.Ratna reddy	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
5	A.Surya manikanta	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
6	E.Gopi	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
7	V.Venkata sujitha	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
8	G.Ravi	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
9	Y.Sasidhar	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020
10	V.Anusha	Asst. Prof	Recent Advances in Concrete Technology and Sustainable Infrastructure	05-10-2020 to 09-10-2020

			Sustainable Infrastructure	
11	Dr. Shaik Sadik	Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
12	Dr. Y. Bharathi	Assoc.Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
13	Mr. A. Srinivas	Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
14	Mr. B. Kanaka Raju	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
15	Mr. S. Sree Rajesh	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
16	Mr. K. Gangadhara Rao	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
17	Mrs. V. Vijaya lakshmi	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
18	Mrs. P. Venkata Vasavi	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
19	Mr. Shake Baji	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
20	Mrs. P. Vjjaya Laxmi	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
21	Mrs. P. Anitha Vijaya Sri	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
22	Mrs. M. Durga Ratnam	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
23	Mr. S. Ravi Kumar	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
24	Mr. V. Ravi Kiran	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
25	Mrs. D. Ganga Bhavani	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020

26	Mrs. Swetha Lanka	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
27	Mrs. D. Chowdeswari	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
28	Mrs. Devi Naga Prasanna B	Asst. Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
29	Mrs. K. V.Uma Karuna Devi	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
30	Mr. M. Anand Kumar	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
31	Mr. R. Pavan Kumar	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
32	Mrs. Syed Zareena	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
33	Mrs. Sushma Patnaik	Asst Professor	Awareness programme on outcome Based Education (OBE)	16-11-2020 to 20-11-2020
34	N.SATEESH	Assistant professor	FDP ON PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO	22-11-2020 to 27-11-2020
35	V.SANDEEP	Assistant professor	FDP ON PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO	22-11-2020 to 27-11-2020
36	CH.MADHAVI LATHA	Assistant professor	FDP ON PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO	22-11-2020 to 27-11-2020
37	SK.JAHEERUNNISA BEGUM	Assistant professor	FDP ON PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO	22-11-2020 to 27-11-2020
38	M.Narendrakumar	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020

39	G.Srilatha	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
40	K.Miranji	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
41	N.lavanya	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
42	A.Ram kumar	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
43	R.Trinadh	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
44	P.Sowmithri	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
45	M.Vamsi krishna allu	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
46	K.Lavanya	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
47	M.Greeshma	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
48	V.Swathi	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
49	K.Radha	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
50	V.Vamsi Sudheera	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
51	M.sai sri	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
52	N.Prathyusha	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
53	M.Renuka	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
54	S.Rupa	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020

55	N.Raj	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
56	K.Venkata	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
57	J.Leela Ramu	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
58	G.Sujatha	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
59	K.Suneetha	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
60	K.Purna	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
61	P.Srinivasulu	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
62	K.Chandra Sekhar	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
63	Sasi bala	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
64	S.M.N. Venkatesh	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications.	23-11-2020 to 28-11-2020
65	I.Hemalatha	Ass Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
66	K.J.S.Lorraine	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
67	Dr. P.H.S. Tejomurthy	Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
68	H.Sudhakar	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
69	D.Ajay kumar	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
70	CH.Ravi Kumar	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020

71	P.Hareesh	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
72	CH.Jaya prakash	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
73	V.Surendra babu	Asst Professor	Embedded Systems ,Smart Sensors For IOT Applications	23-11-2020 to 28-11-2020
74	Dr S KRISHNA RAO	PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
75	V GOPINATH	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
76	YALLAMANDA CH	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
77	Y SIVA KOTESWARA RAO	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
78	J MALATHI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
79	D SRINIVASA RAO	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
80	G PAVAN	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
81	B LALITHA BHAVANI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
82	E BALA KRISHNA MANASH	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
83	P RAMAIAH CHOWDARY	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
84	Dr N SAMEERA	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
85	G VIHARI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
86	K VIJAYA LAKSHMI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020

87	P RAJENDRA KUMAR	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
88	Dr K SATYANARAYANA	ASSOC PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
89	Dr G CHAMUNDESWARI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
90	Dr SK MEERAVALI	ASSOC PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
91	T SATYANAGAMANI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
92	N PRASAD	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
93	G KRISHNAVENI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
94	A KOTESWARAMMA	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
95	U PALLAVI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
96	K NANDINI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
97	CH POOJA RANI	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
98	M DIVYA SUMITRA	ASST PROFESSOR	Machine Learning Application On Image Processing	07-12-2020 to 11-12-2020
99	Seethamraju Raghunath Sagar	Assoc. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
100	Dr. Maddipati Veera Kumari	Assoc. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
101	Anantaneni Surya Prakasha Rao	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
102	Tummala Kranthi Kiran	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
103	Nandigam Rama Narayana	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020

104	Javangula Ayyappa	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
105	Tata Deepti Prasanna	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
106	Attada Durga Prasad	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
107	Ravilla Madhusudan	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
108	Katta Venkatesh	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
109	Bandreddy Sambasiva Rao	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
110	Tella Nagaraju	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
111	Koyi Kotaiah Chowdary	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
112	Shaik Chanbasha	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
113	Madduri Siva Naga Lakshmi Narasimha Rao	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
114	Lingamaneni Vamsi Narasimha Rao	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
115	Mesineti Vijaya Raghavendra	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
116	Madire Mallikarjuna Reddy	Asst. Prof	Design and Analysis of Solar PV Systems	07-12-2020 to 11-12-2020
117	Dr. K.Lalit Narayan	Professor	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
118	Dr. M. Sri Rama Murthy	Professor	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
119	Dr. K. Sunil Ratna Kumar	Assoc.Prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
120	Sri D.Satyanarayana	Sr.Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
121	Dr. T. Rama Krishna	Assoc.Prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
122	Sri E. Venkateswara Rao	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020

123	Sri K.V.P.P. Chandu	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
124	Sri Ch. Rama Krishna	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
125	Sri B.V. Subrahamanyam	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
126	Sri S.V. Gopala Krishna	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
127	Mrs. Ch. Lakshmi Poornima	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
128	Sri L.N.V. Narasimha Rao	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
129	Sri Ch. Chandra Rao	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
130	Sri A. Srinivasa Rao	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
131	Sri E. Srinivas	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
132	Sri A. S. Ganapathi	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
133	Sri V. Naveen Kumar	Asst.prof	One week FDP on Renewable Energy Sources	07-12-2020 to 12-12-2020
134	Dr M Krishna	Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
135	J S V Gopala Krishna	Associate Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
136	K Anil Chowdary	Associate Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
137	Dr. G Nirmala	Associate Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
138	Dr. N Deepak	Associate Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
139	K N Madhavi Latha	Associate Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
140	Dr. B Madhav Rao	Associate Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021

141	S Mohan Babu Chowdary	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
142	Konda Sreenu	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
143	K Chaitanya Deepthi	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
144	Y L Sandhya Rani	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
145	M Ganesh Babu	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
146	G Satyanarayana	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
147	Homer Benny Bandela	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
148	Ch Rama Devi	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
149	R S K Chaitanya	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
150	Samparathi V S Kumar	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
151	P Naga Deepthi	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
152	M Madhava Rao	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
153	Vahiduddin Shariff	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
154	V V Deepthi Donavalli	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
155	V Pranav	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
156	K Swathi	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
157	Ch Srinivas	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
158	T Koti Mani Kumar	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
159	Rama Lakshmi B	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
160	S Jaya Prakash	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021
161	K Varada Rajkumar	Assistant Professor	FDP on Cloud Technology	22-02-2021 to 26-02-2021

List of Non-Teaching staff participated in Skill Development Program

AY:2020-21

S.NO	Name of the Staff	Designation	Name of the Program	Date and Duration
1	G. L. Ganesh Babu	Computer Operator	Photoshop	25-02-2021
2	M. Sravani	Junior Assistant	Photoshop	25-02-2021
3	T. S. Anand	Junior Assistant	Photoshop	25-02-2021
4	G. Kali Krishna	Hardware Technician	Photoshop	25-02-2021
5	A. Yesubabu	Programmer	Photoshop	25-02-2021
6	K. S. Sirisha	Junior Programmer	Photoshop	25-02-2021
7	P. V. Padmavathi	Junior Assistant	Photoshop	25-02-2021
8	P. Ruth	Technician	Photoshop	25-02-2021
9	P. Pratima	Technician	Photoshop	25-02-2021
10	S. Jaya Rama Krishna	Technician	Photoshop	25-02-2021
11	B. Rangamma	Technician	Photoshop	25-02-2021
12	G. Muralidhara Rao	Junior Assistant	Photoshop	25-02-2021
13	D. Leela Kumari	Junior Programmer	Photoshop	25-02-2021
14	G. Padma	Junior Assistant	Photoshop	25-02-2021


IQAC




PRINCIPAL
Principal
Sir C. 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 CIVIL ENGINEERING

Date: 21-09-2020

CIRCULAR

We are Pleased to inform that all the faculty of Civil Engineering Department is conducting a Five-Day Faculty Development Programme on " **Recent Advances in Concrete Technology & Sustainable Infrastructure**" will be Scheduled from 05-10-2020 to 09-10-2020 at 9.30 AM onwards.

Venue: Computer Centre, Dept. of Civil

HOD-CIVIL

**Head of the Department
Civil Engineering**

**Sir C.R.R. College of Engineering
ELURU-534007, W G Dist.**

Copy to:

1. All the staff members of Civil Dept.



SIR C R REDDY COLLEGE OF ENGINEERING

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

Day wise schedule of FDP on “Recent Advances in Concrete Technology & Sustainable Infrastructure”

Date	Forenoon (9:30-12:30)	Afternoon (01:00-03:00)
05-09-2020	Integration of Recent Advances in Concrete Technology & Sustainable Infrastructure . Dr. P. Polu Raju	Advanced Concrete Technology Dr. P. Polu Raju
06-09-2020	Structural Health Monitoring. Dr. P. Polu Raju	Durability of Concrete Structures. Dr. P. Polu Raju
07-09-2020	3D Concrete . Dr. Ashwin Raut	3D Concrete. Dr. Ashwin Raut
08-09-2020	Microstructural Analysis of Concrete. Dr. J. Sri Kalyana Rama	Microstructural Analysis of Concrete . Dr. J. Sri Kalyana Rama
09-09-2020	Applications of 3D Concrete. V.Venkata Sujitha	Journal Reflection on 3D Concrete. V.Venkata Sujitha

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
**"Recent Advances in Concrete Technology &
Sustainable Infrastructure"**
(14-09-2020 to 19-09-2020)

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 Advances in Concrete
technology & sustainable Infrastructure"** at Sir
CR Reddy College of Engineering, Eluru from
14-09-2020 to 19-09-2020.

Place:

Date:

Signature

CO-ORDINATING COMMITTEE.

Chief Patrons:

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

Patrons:

Dr. G. Sambasiva Rao, Principal

Convener: C. Ramesh Dutt

Head of Department:

Department of Civil

Ph: +91 9491374554

E-mail: errcivil@gmail.com

Co-Ordinator: Mrs.V.Venkata Sujitha

Asst Prof., Department of Civil

Ph: +91 9849388154

E-mail: suji.vamsi@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

Sri. A. Surya Manikantha, Asst. Prof

Sri. Y. Sasidhar, Asst. Prof

Sri. B. Ranjith Kumar, Asst. Prof

A Five day Faculty Development Program on
**"Recent Advances in Concrete technology &
sustainable Infrastructure"**

14-09-2020 to 19-09-2020

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 Vaturu 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 Vaturu 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:

Recent advances in concrete technology have focused on improving the performance, durability, and sustainability of concrete structures. One notable advancement is the development of high-performance concrete (HPC), which incorporates advanced admixtures, supplementary cementitious materials (SCMs), and optimized mix designs to achieve superior strength, durability, and resistance to environmental factors. Nanotechnology has also been increasingly applied to concrete, with nanomaterials such as nanoparticles and nanofibers enhancing mechanical properties, reducing permeability, and mitigating cracking. Moreover, the concept of sustainable infrastructure has gained prominence, emphasizing the need for environmentally friendly and socially responsible engineering practices. Sustainable concrete technologies include the use of recycled aggregates and industrial by-products as substitutes for natural aggregates and cement, reducing resource depletion and waste generation.

Resource Person:

Dr. P. Polu Raju, Professor

KL Deemed to be University.

Dr. Ashwin Raut, Assoc. Professor,

KL Deemed to be University.

Dr. J. Sri Kalyana Rama, Asst, Professor,

Mahindra University.

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: 700/-.

Form for Registration:

Note: Last date for registration is 04-09-2020

**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
RECENT ADVANCES IN CONCRETE TECHNOLOGY &
SUSTAINABLE INFRASTRUCTURE**

FROM 05-10-2020 to 09-10-2020

The faculty development programme started on 5th October 2020 at 9:30 am with Dr. P. Polu Raju, Professor. 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 began with an introduction to recent advances in concrete technology and their role in fostering sustainable infrastructure development. Participants gained insights into innovative concrete materials, construction techniques, and sustainable practices aimed at reducing environmental impact and enhancing infrastructure resilience. Through interactive sessions and expert presentations, attendees developed a foundational understanding of the workshop's themes and objectives.

Day 2 focused on exploring advanced concrete materials and mix designs that contribute to sustainable infrastructure. Participants learned about high-performance concrete (HPC), self-consolidating concrete (SCC), and fibre-reinforced concrete (FRC), among other innovative materials. Practical demonstrations and case studies showcased the applications of these materials in enhancing durability, strength, and environmental performance of concrete structures.

On Day 3, the discussion expanded to green building practices and sustainable construction techniques. Participants explored strategies for reducing carbon footprint, minimizing waste generation, and optimizing energy efficiency in construction projects. Through interactive workshops and guest lectures, attendees gained insights into sustainable building certification systems, such as LEED and BREEAM, and learned about best practices for integrating sustainability principles into construction projects.



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

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

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

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V.V. Srinivasa
CONVENOR

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

[Signature]
PRINCIPAL
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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

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

DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. D. Babawali

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V. V. Sujitha
CONVENOR

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

[Signature]
PRINCIPAL
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. Dr. Chandra Varith
has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V. V. Sridhar
CONVENOR

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

[Signature]
PRINCIPAL
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. K. Ratna Reddy

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V.V. Sujitha
CONVENOR

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

440
PRINCIPAL
[Signature]
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

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**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms. A. Sunya Hanikanta

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V.V. Sujatha
CONVENOR

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

[Signature]
PRINCIPAL
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING

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

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DEPARTMENT OF CIVIL ENGINEERING

Five Day Faculty Development Program

on

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms. _____

E. Gopi

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V.V. Sujitha
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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SIR C R REDDY COLLEGE OF ENGINEERING

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Five Day Faculty Development Program

on

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. _____

V. Venkata Sushitha

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V. Venkata Sushitha
CONVENOR

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

[Signature]
PRINCIPAL
Principal
SIR C.R.R. COLLEGE OF ENGINEERING
ELURU - 534 007



SIR C R REDDY COLLEGE OF ENGINEERING
Eluru-534007, West Godavari District, A.P., India

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Five Day Faculty Development Program

on

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**



Prof./Dr/Mr./Ms. _____

G. R. Rao

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V. V. Subudha
CONVENOR

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

440
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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Five Day Faculty Development Program

on

**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr./Mr./Ms. _____

Y. Sasidhar

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

V.V. Sujitha
CONVENOR

[Signature]
HOD-CIVIL
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Five Day Faculty Development Program

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**RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE
INFRASTRUCTURE**

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms. _____

v. Anurba

has participated in the Five-Day Faculty Development Program on "RECENT ADVANCES IN CONCRETE TECHNOLOGY & SUSTAINABLE INFRASTRUCTURE" organised by the Department of Civil Engineering during 14-09-2020 to 19-09-2020.

v. v. Sujatha
CONVENOR

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

[Signature]
PRINCIPAL
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ELURU - 534 007



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

FIRST YEAR ENGINEERING DEPARTMENT

NOTICE

Date: 06-11-2020

It is to inform all the Department staff members that "A 5-day Faculty Development Program on Awareness Programme On Outcome Based Education" is going to be organizing from 16-11-2020 to 20-11-2020. Hence all the interested staff members are advised to participate in this program and get benefited and inform to your colleagues in other colleges.


HOD-FED

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

**A FIVE DAYS FDP PROGRAMME ON
OUTCOME BASED EDUCATION (Offline Mode)**

Organized by

**First Year Engineering Department
Sir C R Reddy College of Engineering
Day wise Schedule(16/11/2020 to 20/11/2020)**

16/11/2020	17/11/2020	18/11/2020	19/11/2020	20/11/2020
9.00AM- 9.30 AM				
Inauguration	9.30AM - 11.00AM	9.30 AM- 11.00AM	9.30 AM- 11.00 AM	9.30 AM - 11.00AM
9.30AM- 11.00 PM				
Introduction of Outcome Based Education	How Outcome Based Education is Different from Traditional Methods	Principles of Outcome Based Education	Skill Courses	Basic challenges of Outcome Based Education
11.00AM-01.00PM	11.00AM-01.00 PM	11.00AM-01.00PM	11.00 AM-01.00PM	11.00AM -01.00 PM
Purpose of Outcome Based Education	How Outcome Based Education is Different from Traditional Methods	Principles of Outcome Based Education	Information and communication tools	Organization Goals in OBE
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
Purpose of Outcome Based Education	Outcome Based Education- Engineering	Teaching Learning Systems	Information and communication tools	MCQ, FEEDBACK & INTERACTION
03.00PM - 5.30PM	03.00PM - 5.30PM	03.00PM- 5.30PM	03.00PM - 5.30PM	03.00PM - 5.30PM
Article Discussion	Article Discussion	Article Discussion	Article Discussion	VALIEDICTORY

[Signature]
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 **"Outcome Based Education"**
(16-11-2020 to 20-11-2020)

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 **"Outcome Based Education"** at Sir C R
Reddy College of Engineering, Eluru from 16 – 20Nov.
2020.

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

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

Patrons:

Dr.G.SambaSiva Rao, Principal

Convener:

Dr.G. Rammohan Rao
Head of Department
First Year Engineering Department
Ph: +91 8331996699

Co-ordinator: L.Swetha

Assistant. Prof., Department of Mathematics
Ph: +919000540728

Organizing Committee:

Dr.K.Ramanjaneyulu, Assoc.Professor
Mr.M.Veeranjaneyulu, Asst. Prof
Mr.A.Srinivas, Asst. Prof
Mrs.K.SushmaPatnaik, , Asst. Prof

**A Five day Faculty Development Program on
"Outcome Based Education"**

16-11-2020 to 20-11-2020
Organized by First Year Engineering
Department



**SIR C R REDDY COLLEGE OF
ENGINEERING**

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

ABOUT THE INSTITUTE

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The Campus at Vaturu 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 topic of Outcome Based Education. Outcome-based education (OBE) is an educational theory that bases each part of an educational system around what is essential for all students to be able to do successfully at the end of their learning experiences. For the educational system to function effectively, OBE framework is identified.

Resource Persons:



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

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

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

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

Registration Fee: Rs.1050/-.

Form for Registration:

Note: Last date for registration is 11-11-2020.

SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU

FIRST YEAR ENGINEERING DEPARTMENT

FIVE-DAYS FACULTY DEVELOPEMENT
PROGRAMME ON



Outcome Based Education

From 16/11/2020 to 20/11/2020

Dr. A. CHITTI BABU

Assistant Professor

Ramachandra College of Engineering



Attendance List of Participants

Name of the Department : **FIRST YEAR ENGINEERING DEPARTMENT**
 Name of the Programme : **AWARNNESS PROGRAMME ON OUTCOME BASED EDUCATION**
 Dates of Programme : **16.11.2020 - 20.11.2020**

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt:	Dt:	Dt:	Dt:	Dt:
1	Sk. Sadik	FED	✓	✓	✓	✓	✓
2	Y. Bharathi	FED	✓	✓	✓	✓	✓
3	A. Srinivas	FED	✓	✓	✓	✓	✓
4	B. Kanaka Raju	FED	B. Kanaka	B. Kanaka	B. Kanaka	B. Kanaka	B. Kanaka
5	S. Sree Rajesh	FED	✓	✓	✓	✓	✓
6	K. Gangadhara Rao	FED	✓	✓	✓	✓	✓
7	V. Vijaya Lakshmi	FED	✓	✓	✓	✓	✓
8	P. Venkata Vasavi	FED	✓	✓	✓	✓	✓
9	Sk. Baji	FED	✓	✓	✓	✓	✓
10	P. Vijaya Lazmi	FED	✓	✓	✓	✓	✓
11	P. Anitha Vijaya Sri	FED	✓	✓	✓	✓	✓
12	M. Durga Ratnam	FED	✓	✓	✓	✓	✓
13	S. Ravi kumar	FED	✓	✓	✓	✓	✓
14	V. Ravi kiran	FED	✓	✓	✓	✓	✓
15	D. Ganga Bhavani	FED	✓	✓	✓	✓	✓
16	Suetha Lanka	FED	✓	✓	✓	✓	✓
17	D. chowdeswari	FED	✓	✓	✓	✓	✓
18	B. Devi Naga prasanna	FED	✓	✓	✓	✓	✓
19	K. V. Uma Kanuna Devi	FED	✓	✓	✓	✓	✓
20	M. Anand kumar	FED	✓	✓	✓	✓	✓
21	R. Pavan kumar	FED	✓	✓	✓	✓	✓
22	SD. Zareena	FED	S. Zareena	S. Zareena	S. Zareena	S. Zareena	S. Zareena
23	Sushma patnaik	FED	✓	✓	✓	✓	✓
24	Syamala Molugumati	FED	✓	✓	✓	✓	✓
25	Sirisha Allamsetty	FED	✓	✓	✓	✓	✓


 Programme Co-ordinator



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

Attendance List of Participants

Name of the Department: FIRST YEAR ENGINEERING DEPARTMENT
Name of the Programme: : AWARENESS PROGRAMME ON OUTCOME BASED EDUCATION
Dates of Programme: : 16.11.2020 - 20.11.2020

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt:	Dt:	Dt:	Dt:	Dt:
26	M. Jawahr Babu	FED	Jaw	Jaw	Jaw	Jaw	Jaw
27	k. kasi Raju	FED	Kes	Kes	Kes	Kes	Kes
28	c. peddaredla	FED	Ped	Ped	Ped	Ped	Ped

Sweetha
Programme Co-ordinator

Date : 16/11/2020

DAY:1

Session:1

In this session the speaker mainly focus on the following topics Outcome Based Education

interdiction of Outcome based Education :

Outcome-Based Education (OBE) is an educational theory that focuses on specific learning outcomes or goals. In OBE, the entire educational system is designed around achieving these outcomes. Here are the key points about OBE:

1. **Definition:**
 - OBE centers each part of the educational system around **desired outcomes**.
 - By the end of their educational experience, each student should have achieved these goals.
2. **Designing Curriculum:**
 - An **outcome-based curriculum** is developed with outcomes in mind from the start.
 - Course content and assessments are aligned with these outcomes.
3. **Shift in Focus:**
 - OBE shifts from a teacher-centered approach to a **student-centered learning** model.
 - It emphasizes empirically measuring student performance and results.
4. **Benefits of OBE:**
 - **Clarity:** Clear expectations of what students need to accomplish.
 - **Alignment:** Curriculum, assessments, and teaching methods are all aligned with outcomes.
 - **Adaptation:** Faculty roles adapt to become instructors, trainers, facilitators, or mentors based on targeted outcomes.

Session:2

In this session the speaker mainly concentrated on the following topic purpose of Outcome Based Education

Outcome-Based Education (OBE) is an educational theory that centers around specific learning outcomes or goals. Here are the key points regarding its purpose:

1. **Focus on Learning Outcomes:**
 - OBE shifts the educational focus from what the school provides to students to what students can demonstrate.
 - The emphasis is on students showing that they "know and are able to do" the specified outcomes.
2. **Clear Standards:**
 - OBE reforms emphasize setting **clear standards** for observable and measurable outcomes.
 - These standards guide curriculum design, teaching methods, and assessments.
3. **Student-Centered Approach:**
 - OBE moves away from a teacher-centered model.
 - It prioritizes student achievement and performance.
4. **Benefits of OBE:**
 - **Clarity:** Clearly defined expectations of what students need to accomplish.
 - **Alignment:** Curriculum, assessments, and teaching methods are all aligned with outcomes.
 - **Adaptation:** Faculty roles adapt based on targeted outcomes (instructor, trainer, facilitator, mentor).

In summary, OBE ensures that education revolves around achieving specific learning outcomes, making it more effective and relevant for students.

In this session the speaker mainly concentrated on the following topic purpose of How Outcome Based Education is Different from Traditional Methods

Outcome-Based Education (OBE) differs significantly from traditional education methods. Let's explore the key differences:

1. **Focus on Learning Outcomes:**
 - **OBE:**
 - Centers around specific **learning outcomes** or goals.
 - Students are expected to achieve these outcomes by the end of their educational process.
 - Emphasizes practical application and measurable results.
 - **Traditional Education:**
 - Focuses on **knowledge acquisition** and standardized assessments.
 - Often overlooks individual strengths and stifles creativity.
2. **Student-Centered Approach:**
 - **OBE:**
 - Shifts from a teacher-centered model to a **student-centered** approach.
 - Prioritizes student achievement and performance.
 - **Traditional Education:**
 - Often follows a rigid curriculum without considering individual student needs.
3. **Assessment and Measurement:**
 - **OBE:**
 - Measures student performance through **observable outcomes**.
 - Maps and tracks student progress.
 - **Traditional Education:**
 - Relies heavily on **exams** and standardized testing.
 - May not capture holistic student development.
4. **Critical Thinking and Adaptability:**
 - **OBE:**
 - Encourages critical thinking, problem-solving, and adaptability.
 - Focuses on practical skills relevant to real-world scenarios.
 - **Traditional Education:**
 - Often emphasizes rote memorization and regurgitation of facts.
 - May not prepare students for dynamic, changing environments.

In summary, OBE aims to maximize student learning outcomes by focusing on specific goals, while traditional education methods may prioritize knowledge retention over practical skills and adaptability.

In this session the speaker mainly concentrated on the following topic Outcome based Education engineering

Certainly! Let's explore **Outcome-Based Education (OBE)** in the context of engineering. OBE is a paradigm that focuses on specific learning outcomes or goals. Here's how it applies to engineering education:

1. **Definition of OBE in Engineering:**
 - **Outcome-Based Education (OBE)** in engineering ensures that the entire educational process revolves around achieving specific outcomes.
 - These outcomes are defined based on what students should be able to demonstrate by the end of their engineering program.

2. Components of OBE in Engineering:

- **Curriculum Planning:** Designing an engineering curriculum that aligns with industry and societal needs.
- **Curriculum Designing:** Creating courses and learning experiences that lead to desired outcomes.
- **Curriculum Implementation:** Executing the curriculum, teaching methods, and assessments.
- **Curriculum Evaluation:** Continuously assessing whether outcomes are being achieved.

3. Benefits of OBE in Engineering:

- **Clarity:** Clearly defined expectations for student achievement.
- **Alignment:** Curriculum, assessments, and teaching methods are all aligned with outcomes.
- **Adaptation:** Faculty roles adapt based on targeted outcomes (instructor, trainer, facilitator, mentor).

4. Resources and References:

- Books:
 - Gupta, B.L. and Earnest Joshua; "Competency-based Curriculum," Mahamaya Publishers, New Delhi, 2008.
 - Earnest Joshua et al; "Engineering Education and Curriculum," NITTTR Bhopal, July 2009.
- Research Papers:
 - Gupta, S.K. and Earnest, Joshua; "Engineering Diploma Curriculum NITTTR-MSBTE Model 2016," Proceedings of the 2016 IEEE Frontiers in Education Conference, Erie, Pennsylvania, USA, 2016.
 - Gupta, B.L. and Earnest Joshua; "Outcome-Based Engineering Diploma Curriculum - 2012 Gujarat Experiment," Proceedings of the 2013 IEEE Frontiers in Education Conference, Oklahoma City, USA, 2013.

Remember, OBE in engineering ensures that graduates are well-prepared for industry demands and real-world challenges.

Session :5

In this session the speaker mainly concentrated on the following topic principle of Outcome Based Education

Let's explore the **principles of Outcome-Based Education (OBE)**:

1. **Design Down:**
 - o Effective education starts by **designing the curriculum from the desired outcomes.**
 - o Begin with a clear understanding of what learners need to achieve.
2. **Authentic Contexts:**
 - o Learning should occur in **real-world contexts.**
 - o Students engage with practical scenarios relevant to their field.
3. **Learner-Centered Methods:**
 - o OBE emphasizes **learner-centered teaching methods.**
 - o Educators facilitate learning rather than merely delivering content.
4. **Integrated Assessments:**
 - o Assessment aligns with outcomes.
 - o Students demonstrate mastery through various assessments.
5. **No Failures:**
 - o OBE focuses on **continuous improvement.**
 - o Students receive support to achieve outcomes.
6. **Expanded Opportunities:**
 - o OBE provides **multiple pathways** for learning.
 - o Students can explore different ways to achieve outcomes.

Remember, OBE principles ensure that education is outcome-driven, relevant, and adaptable!

Session : 6

In this session the speaker mainly concentrated on the following topic Teaching Learning Systems

Teaching and Learning Systems encompass various approaches, theories, and tools that facilitate effective education. Let's explore some key aspects related to teaching, learning, and educational systems:

1. **Outcome-Based Education (OBE):**
 - o OBE focuses on specific **learning outcomes** or goals.
 - o It ensures that the entire educational process revolves around achieving these outcomes.
 - o Students demonstrate mastery through observable results.
2. **Learning Management Systems (LMS):**
 - o LMS platforms facilitate online teaching and learning.
 - o Teachers create and integrate course materials, set learning goals, track progress, and assess students.
3. **Constructivist Theory (J. Bruner):**
 - o Constructivism is a learning strategy where students synthesize new understanding from prior knowledge and new information.

- The constructivist teacher guides student inquiry, promotes new patterns of thinking, and encourages exploration.

4. Traditional vs. Outcome-Based Education:

- Traditional education often emphasizes knowledge acquisition, standardized assessments, and teacher-centered approaches.
- OBE shifts to student-centered learning, clear standards, and continuous improvement.

Remember, effective teaching and learning systems consider outcomes, adapt to student needs, and align with real-world contexts.

Date : 19/11/2020

day : 4

Session : 7

In this session the speaker mainly concentrated on the following topic is covered skill course

Certainly! Let's explore some options for **skill courses**:

1. **Skill Course By Satish Dhawale:**

- Offers a variety of computer courses, including Excel, TallyPrime, Adobe Photoshop, and more.
- Single courses available with detailed lessons and affordable pricing.

2. **Coursera:**

- Coursera partners with universities and industry leaders to provide quality online learning.
- Offers a range of **Professional Skills courses** for personal growth and upskilling.

3. **Grow with Google:**

- Provides free skills training programs developed by Google.

Remember, continuous learning and skill development are essential for personal and professional growth.

Session : 8

In this session the speaker mainly concentrated on the following topic is Information and Communication tools

Information and Communications Technology (ICT) encompasses a diverse set of technological tools and resources used to communicate, create, disseminate, store, and manage information. Let's explore the key aspects of ICT:

1. **Definition of ICT:**

- **ICT** refers to the use of computing and telecommunication technologies, systems, and tools.
- It facilitates the way information is: Created, Collected, Processed, Transmitted

2. **Components of ICT:**

- **Computing Technologies:**
 - Includes servers, laptop computers, and software applications.
- **Communication Technologies:**
 - Wired and wireless technologies supporting: Telephones; The Internet, The Internet of Things (IoT), The metaverse (virtual and augmented reality)

3. **Goals of ICT:**

- Improve access to information.
- Enhance human-to-human, human-to-machine, and machine-to-machine communication.

Remember, ICT is the foundation of modern society, driving innovation, productivity, and global connectivity.

Date : 20/11/2020

day : 5

Session: 9

In this session the speaker mainly concentrated on the following topic is Basic challenge of Outcome based Education

Outcome-Based Education (OBE), while beneficial, faces several challenges. Let's explore some of the fundamental challenges associated with OBE:

1. **Resistance to Change:**
 - o Faculty members accustomed to conventional teaching techniques may be unwilling to adopt a new approach.
 - o Transitioning from content-focused teaching to outcome-focused teaching requires mindset shifts.
2. **Developing Learning Outcomes:**
 - o Crafting clear and meaningful learning outcomes can be challenging.
 - o Ensuring that outcomes align with program goals and industry needs is crucial.
3. **Aligning Assessment Methods:**
 - o Designing assessments that directly measure the specified outcomes can be complex.
 - o Traditional assessment methods may not align perfectly with OBE goals.
4. **Creating Effective Rubrics:**
 - o Rubrics are essential for assessing student performance.
 - o Developing well-defined rubrics that capture the nuances of outcomes can be time-consuming.
5. **Implementing Student-Centered Strategies:**
 - o OBE requires active, motivated learners.
 - o Encouraging students to take ownership of their learning can be a challenge..

Remember, addressing these challenges requires collaboration, adaptability, and a commitment to quality education! ☐☐

Session : 10

In this session the speaker mainly concentrated on the following topic organization Goals in OBE

Certainly! In **Outcome-Based Education (OBE)**, organizational goals play a crucial role in shaping the educational process. Let's explore how organizational goals align with OBE:

1. **Defining Organizational Goals in OBE:**
 - o Organizational goals refer to the overarching objectives set by educational institutions, departments, or programs.
 - o These goals guide curriculum design, teaching methods, and assessment strategies.
2. **Alignment with Learning Outcomes:**
 - o Organizational goals should align with the **desired learning outcomes**.
 - o For example, if an engineering program aims to produce graduates skilled in sustainable design, the curriculum and assessments should reflect this goal.
3. **Examples of Organizational Goals in OBE:**

DATE:30/08/2019

DAY: 5

SESSION :9

In this session the speaker mainly focus on the

Methodology refers to the systematic approach or set of principles used to conduct research, solve problems, or achieve specific goals. In various fields, researchers and practitioners follow specific methodologies to ensure rigor, consistency, and reliability. Let's explore some common methodologies:

1. **Scientific Method:**
 - Widely used in natural and social sciences.
 - Involves observation, hypothesis formulation, experimentation, data collection, and analysis.
 - Aims to discover patterns, relationships, and causal factors.
2. **Qualitative Research:**
 - Focuses on understanding human behavior, experiences, and context.
 - Methods include interviews, focus groups, case studies, and content analysis.
 - Emphasizes depth, context, and subjective interpretation.
3. **Quantitative Research:**
 - Involves numerical data and statistical analysis.
 - Surveys, experiments, and observational studies are common methods.
 - Aims to generalize findings to a larger population.
4. **Action Research:**
 - Practitioners use research to address real-world problems within their own context.
 - Iterative process involving planning, action, reflection, and adaptation.
 - Common in education, organizational development, and community settings.
5. **Mixed Methods Research:**
 - Combines both qualitative and quantitative approaches.
 - Provides a comprehensive understanding by triangulating data from different sources.
 - Useful for complex research questions.
6. **Design-Based Research:**
 - Common in educational technology and instructional design.
 - Integrates research and design processes to create innovative solutions.
 - Iterative cycles of design, implementation, and evaluation.

Remember, choosing the right methodology depends on your research question, context, and goals. Researchers often adapt and combine methods to address multifaceted issues.

- **Industry Relevance:** Preparing graduates who meet industry needs and contribute effectively to the workforce.
- **Holistic Development:** Fostering not only technical skills but also critical thinking, communication, and ethical behavior.
- **Research and Innovation:** Encouraging research-oriented learning and innovation.

Remember, organizational goals provide direction and purpose, driving the effectiveness of OBE!

□□



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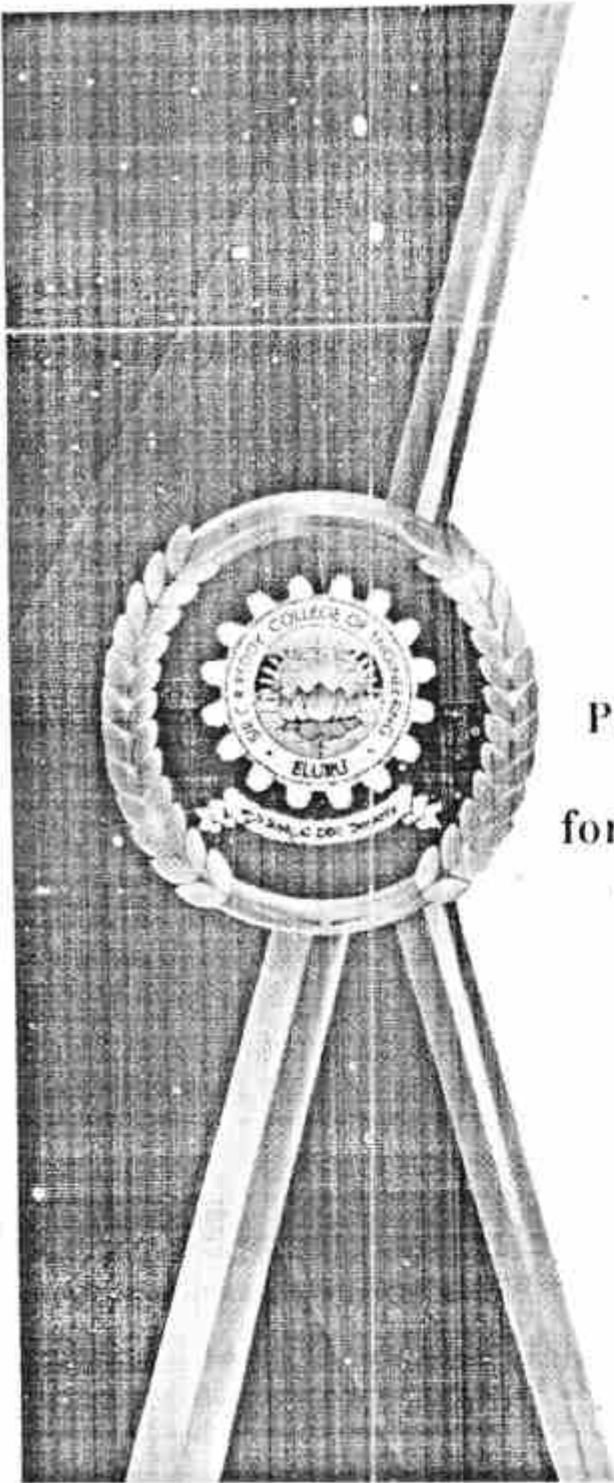
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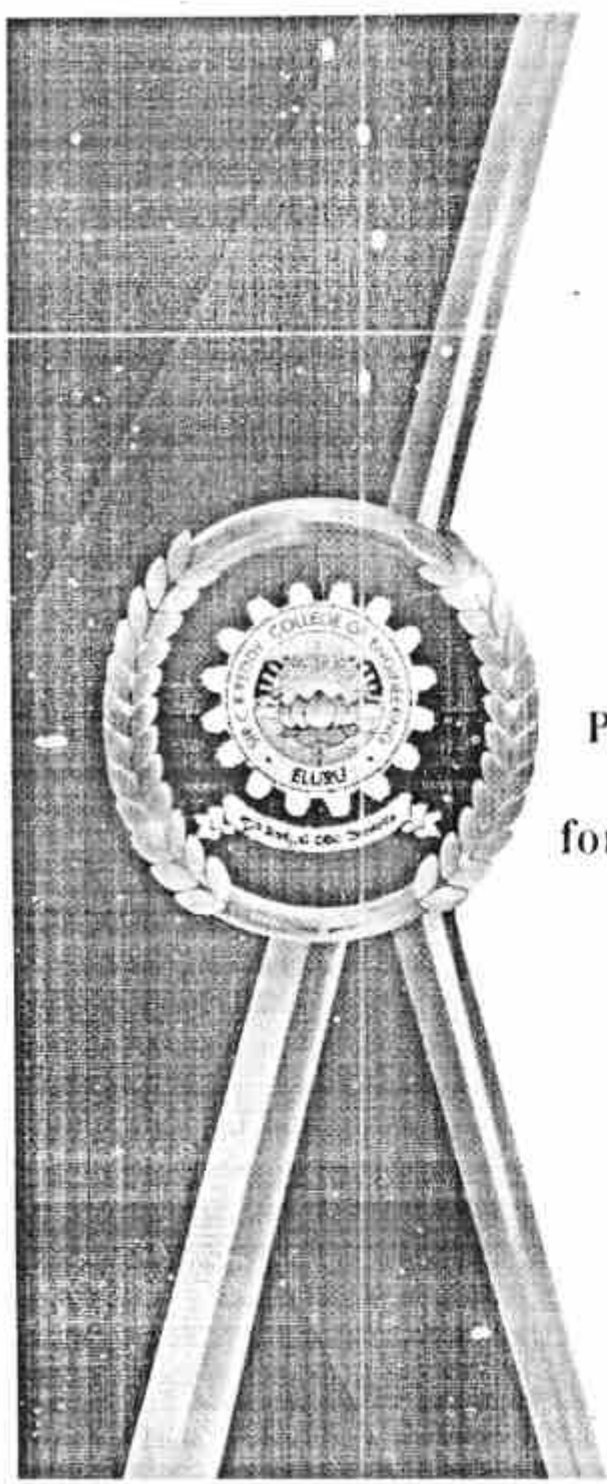
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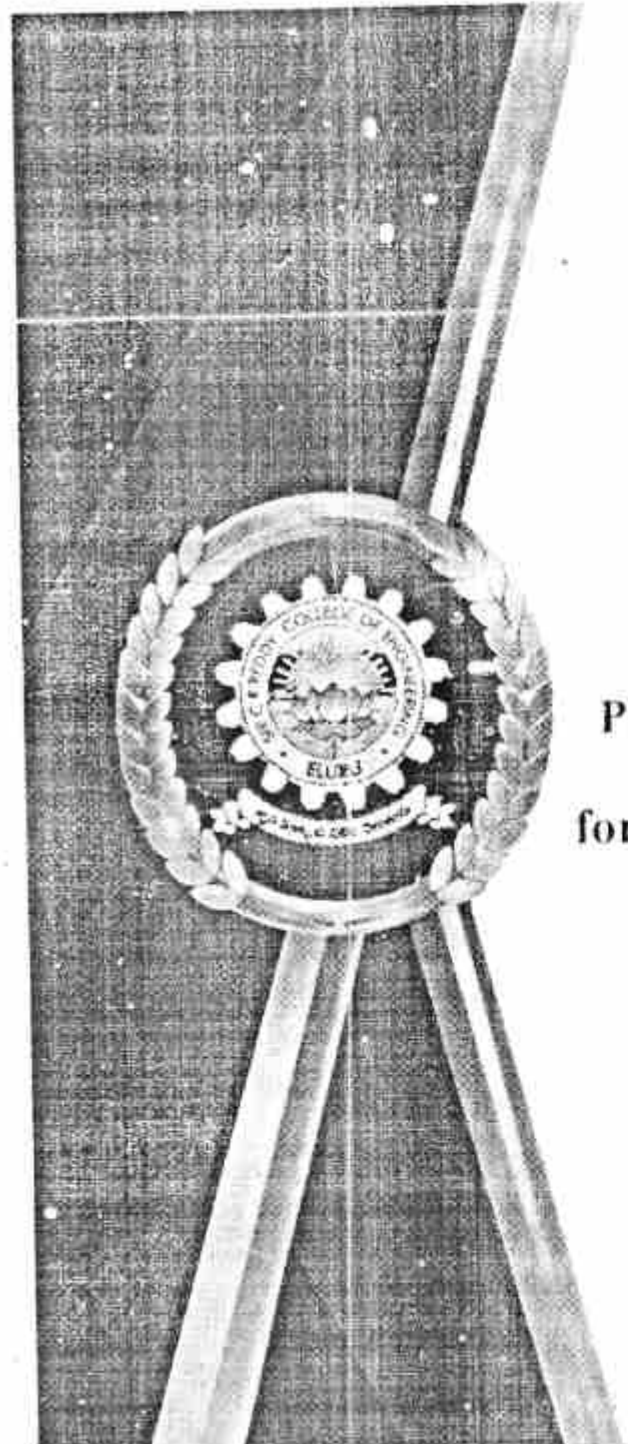
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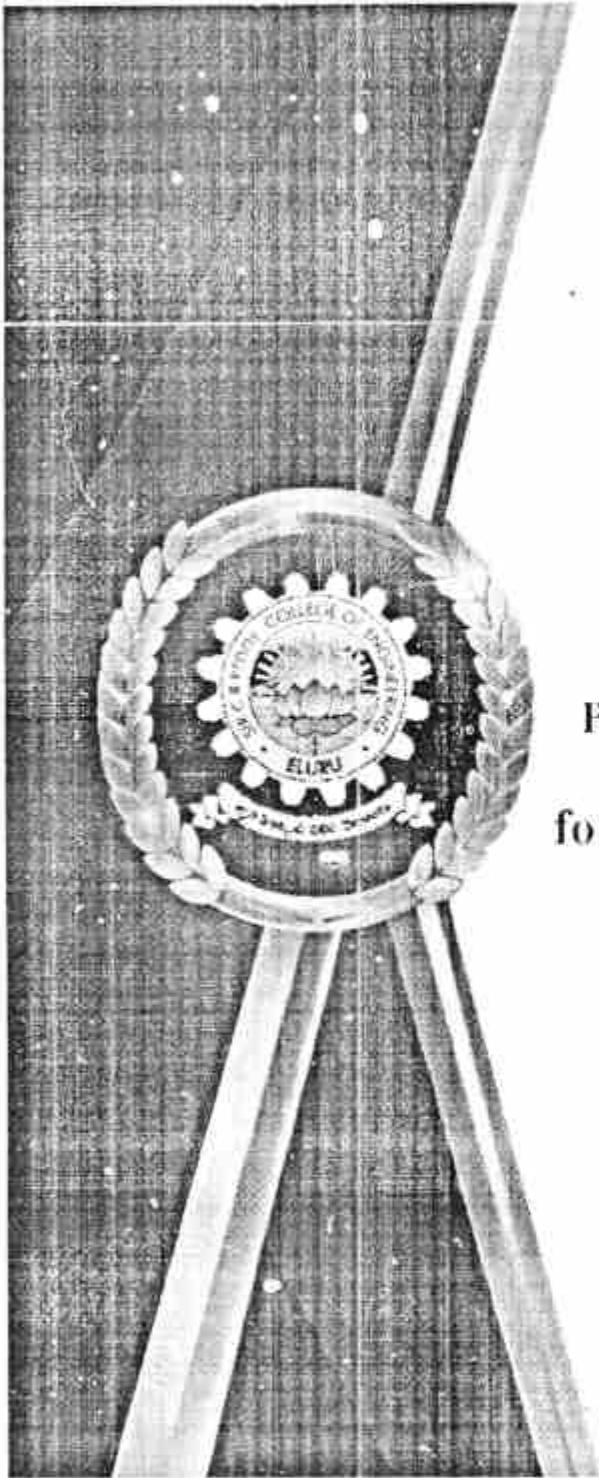
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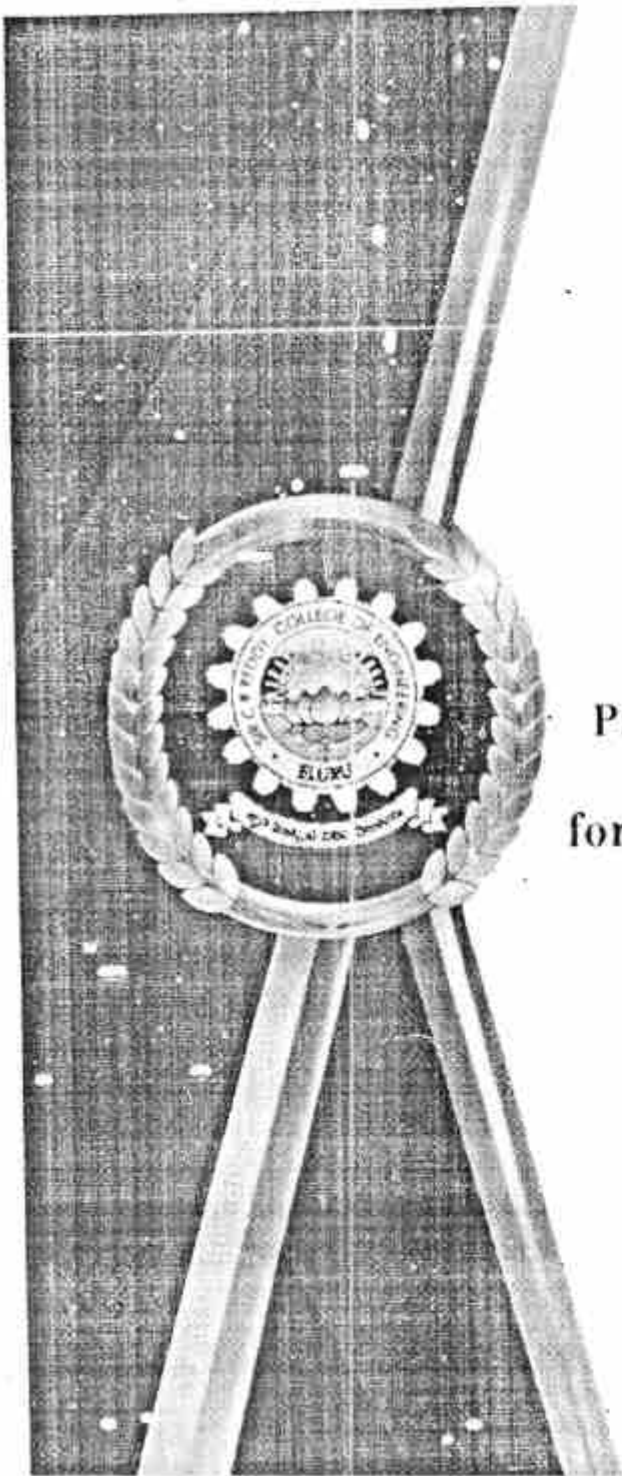
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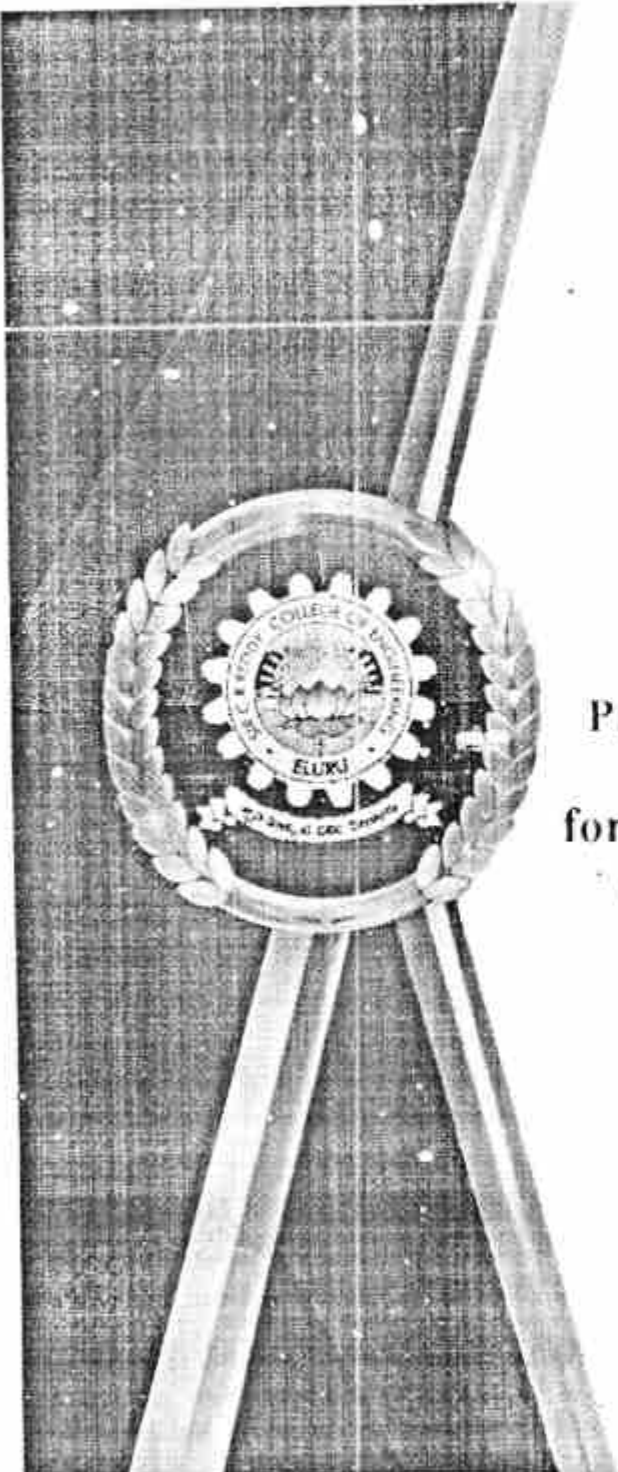
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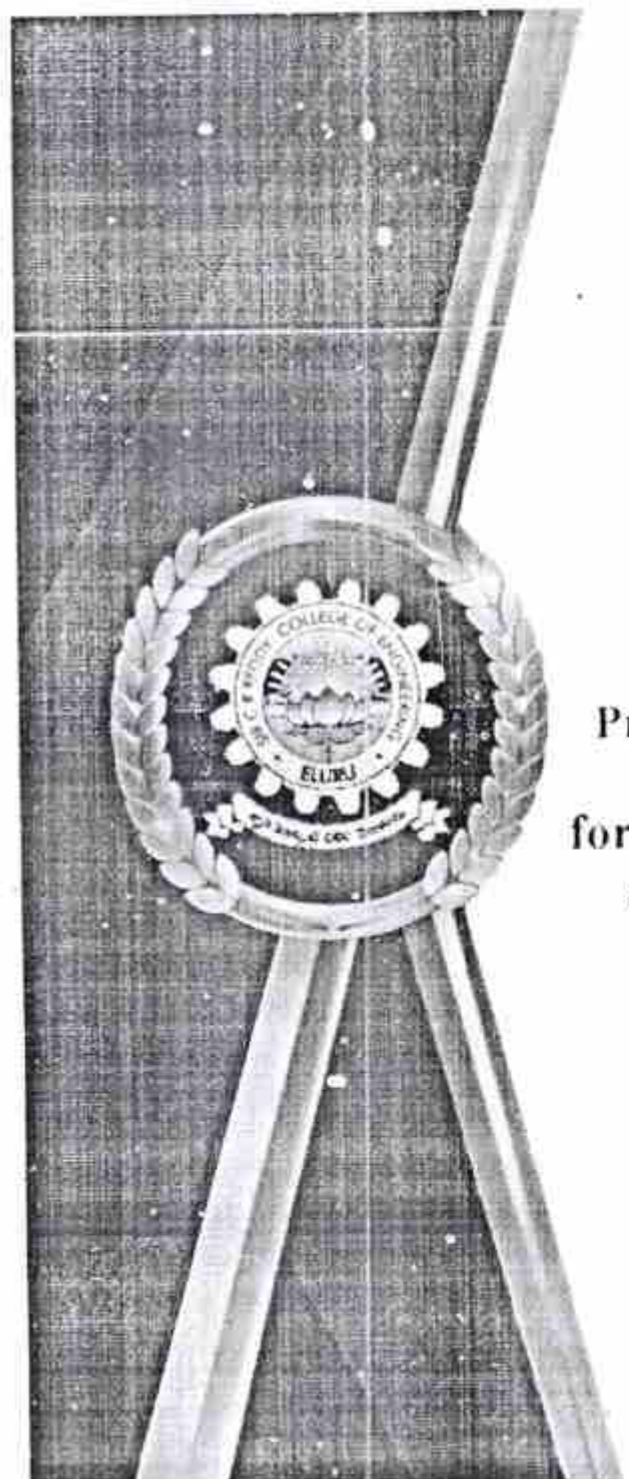
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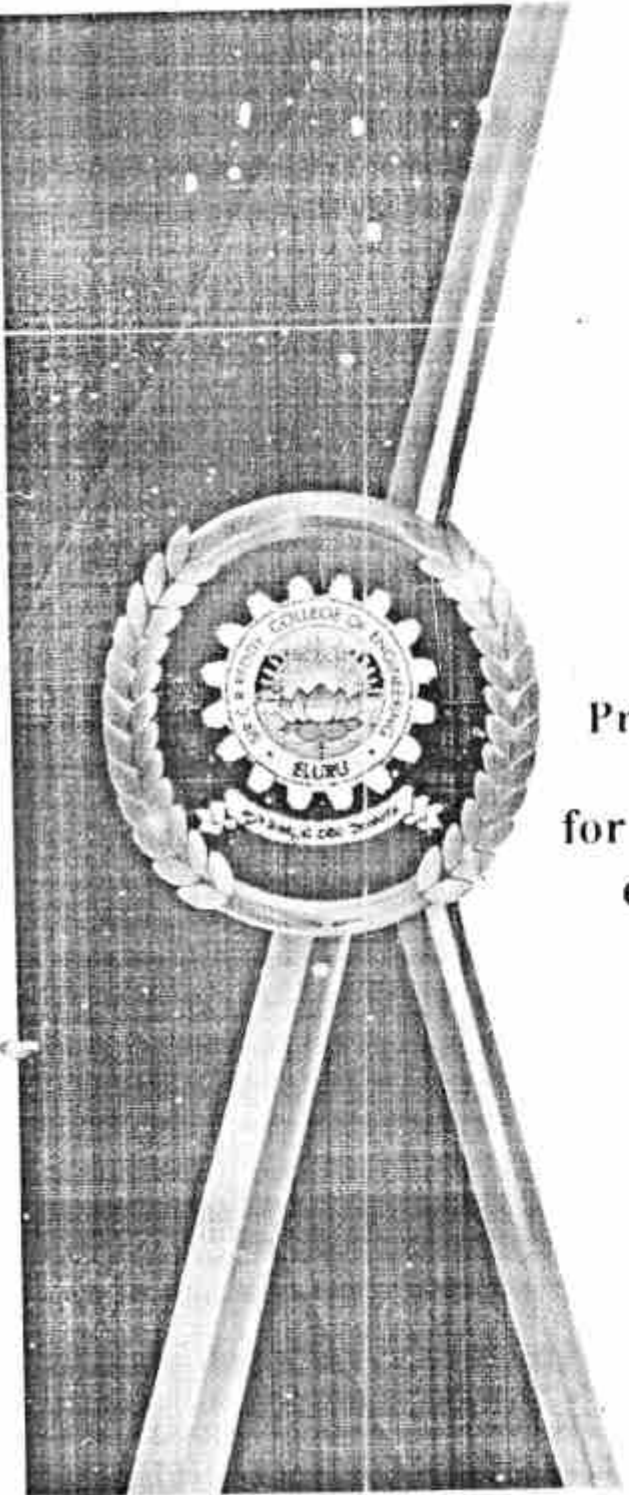
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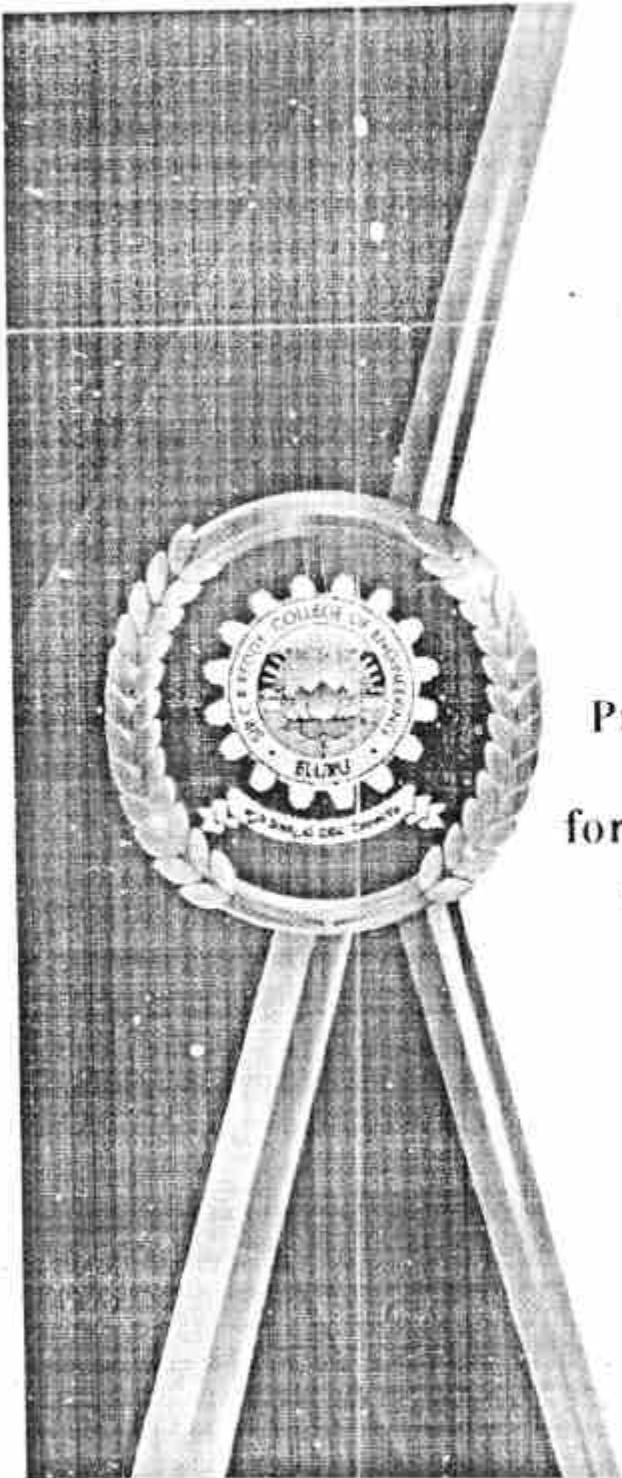
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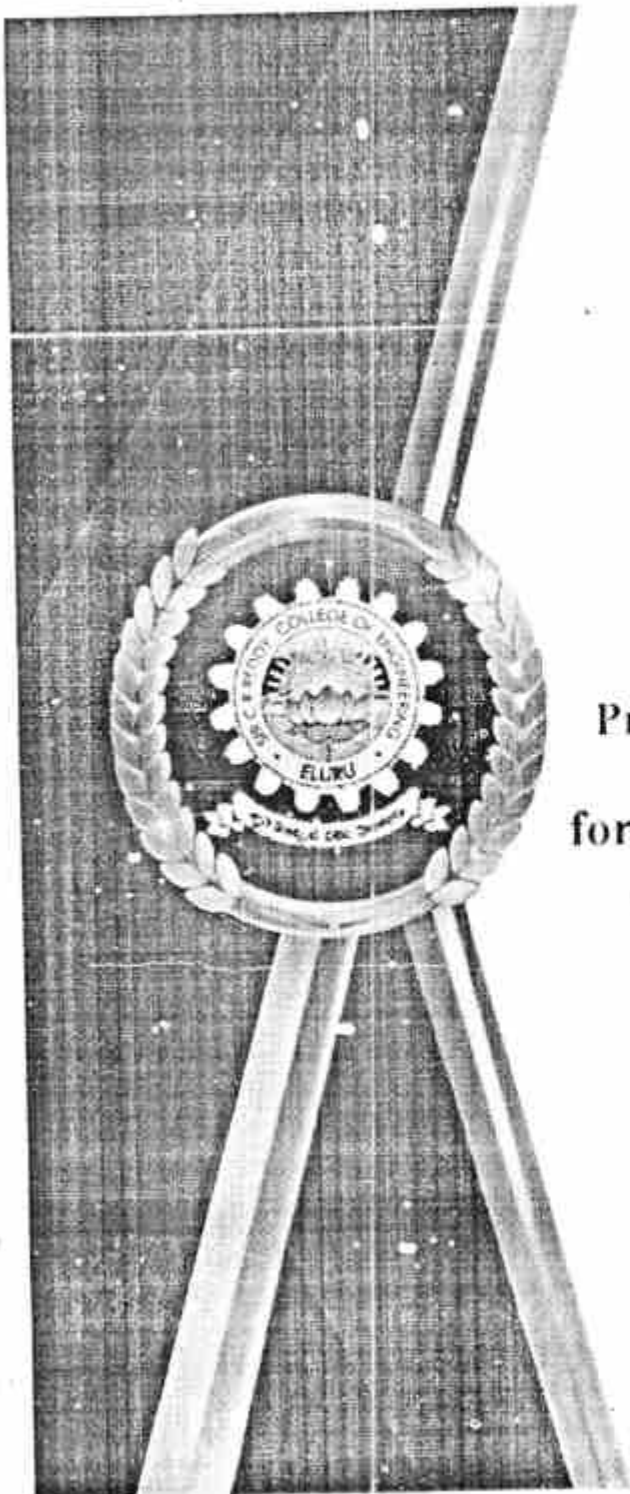
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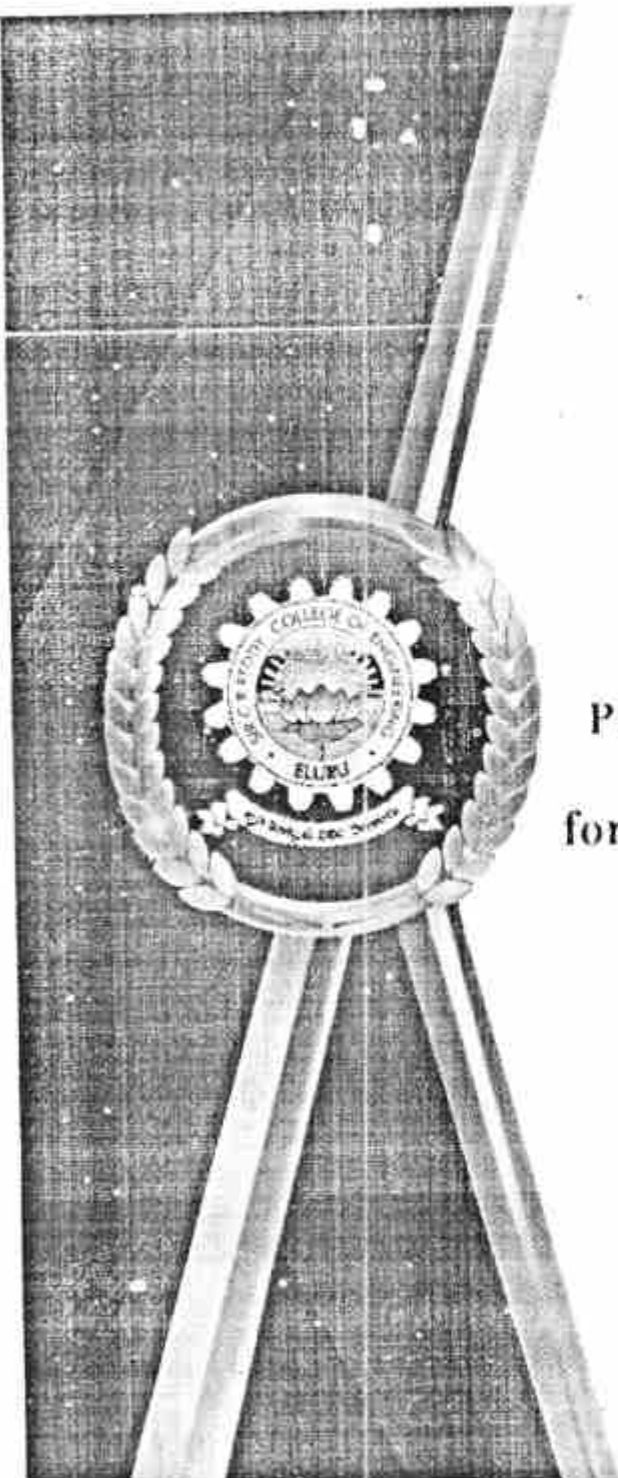
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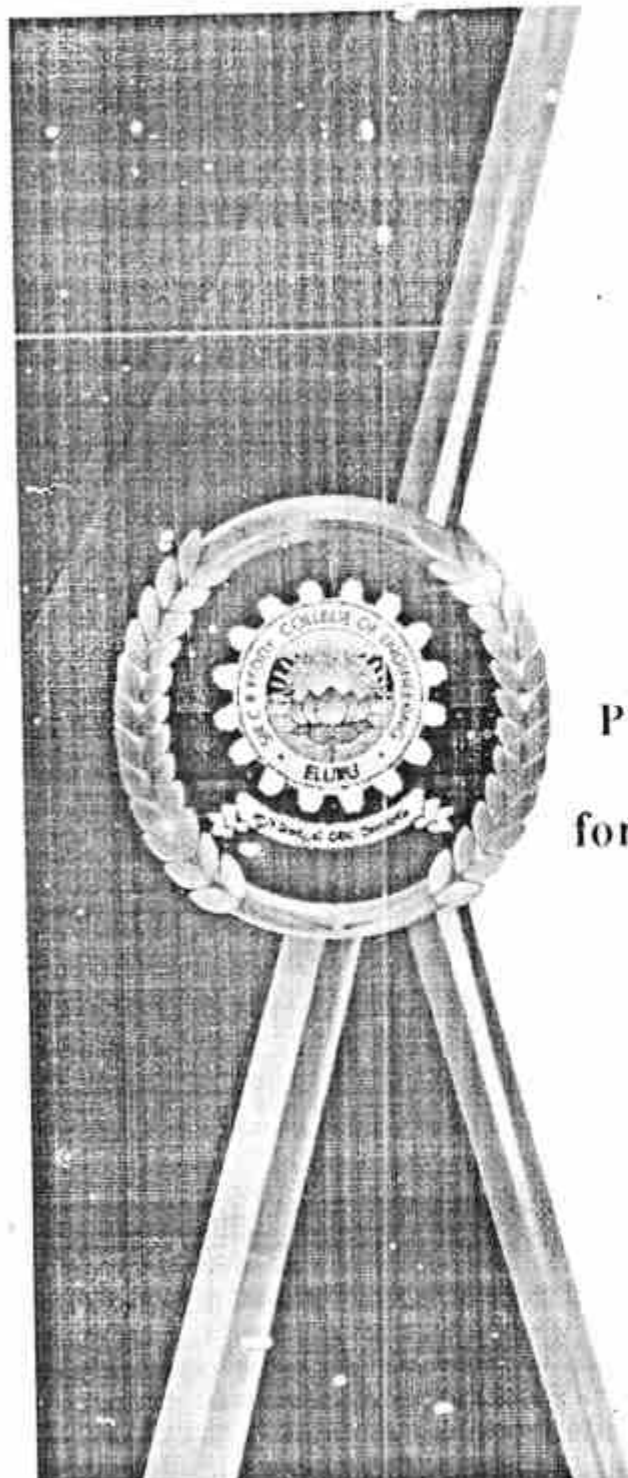
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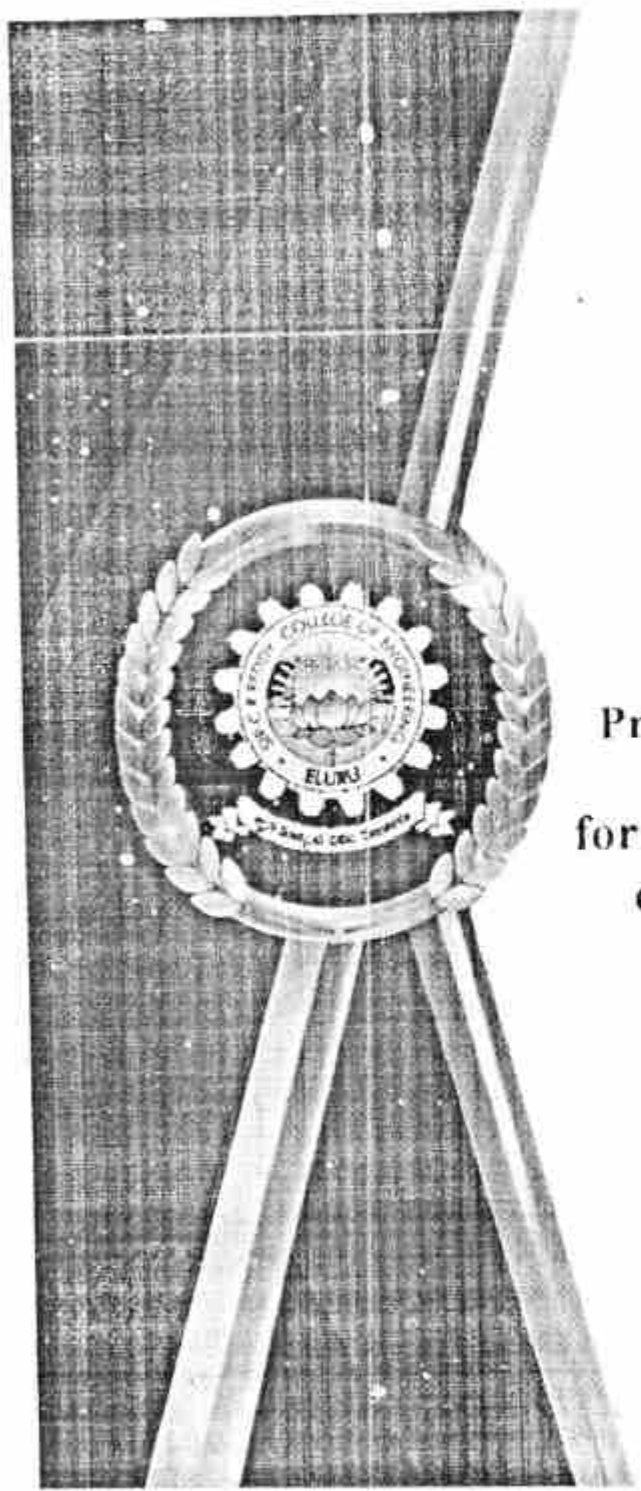
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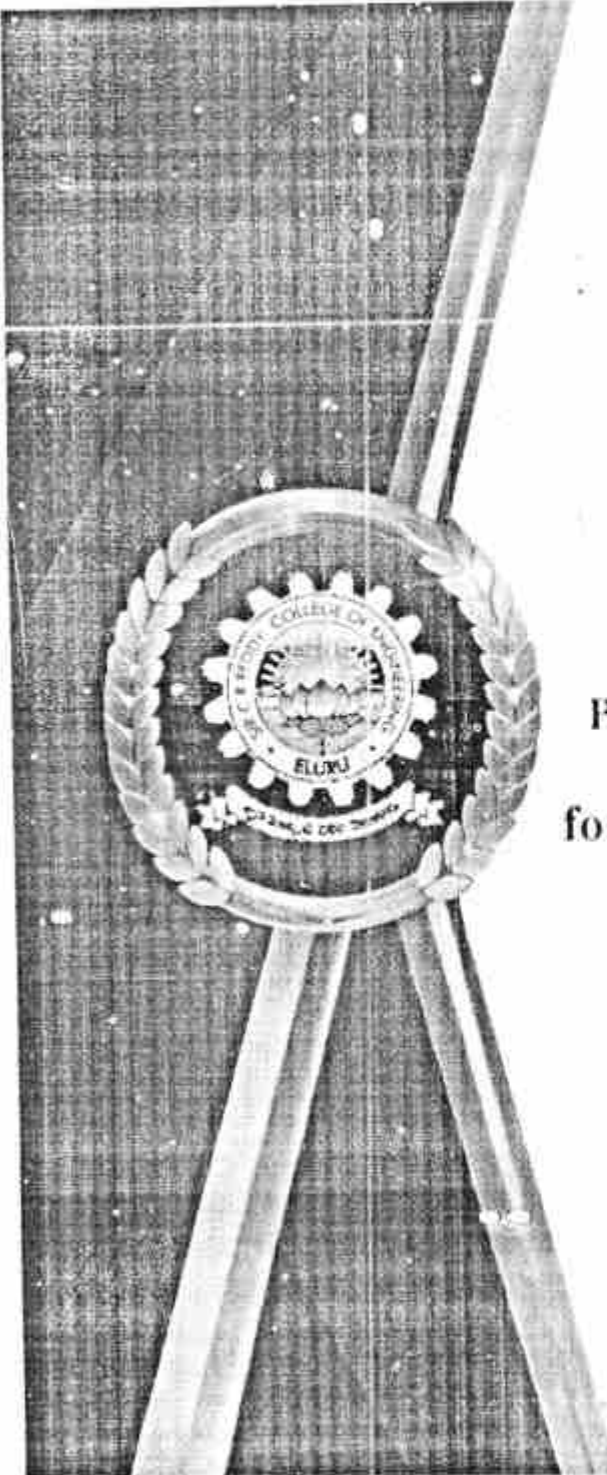
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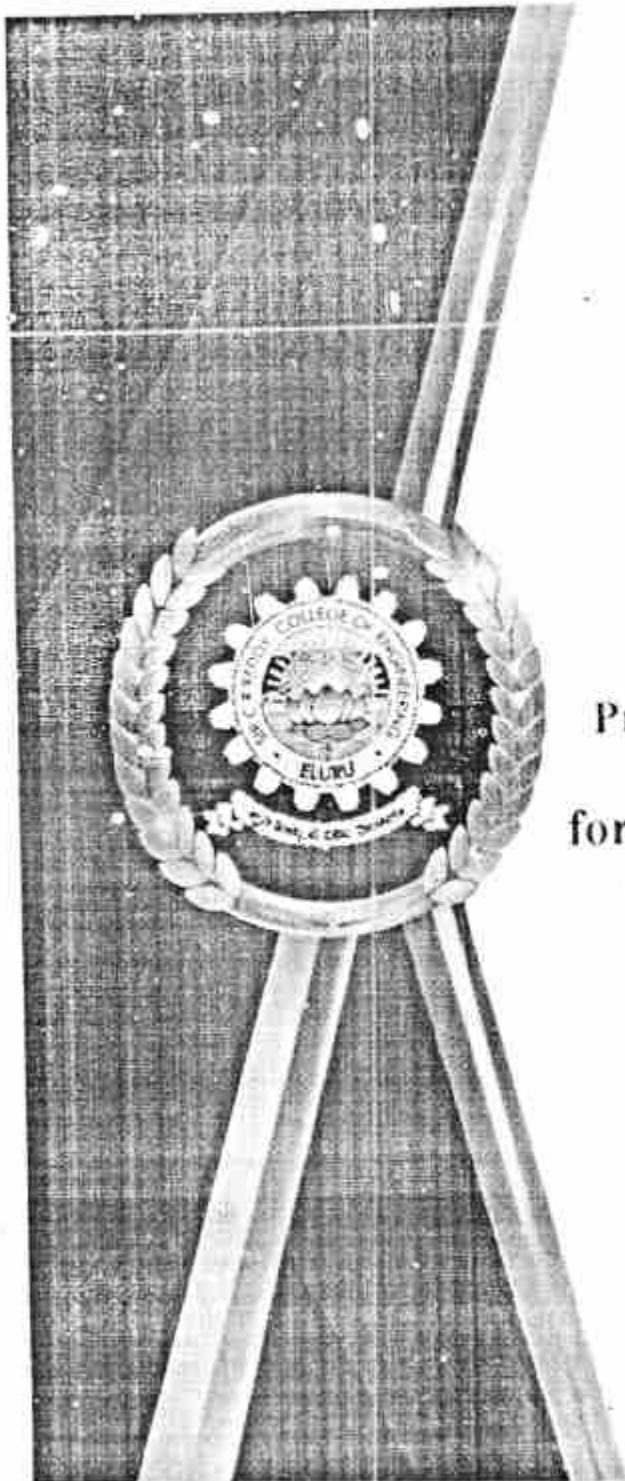
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SIR CR REDDY COLLEGE OF ENGINEERING
P.G.COURSES
DEPARTMENT OF MANAGEMENT STUDIES

DATE: 06-11-2020

CIRCULAR

This is to inform to all faculty of SIR CRR COLLEGE OF ENGINEERING, that a faculty development program on **PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO** will be held at library seminar hall from 22-11-2020 TO 27-11-2020. For further details please contact V.Sandeep (coordinator) assistant professor department of management studies.


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ELURU - 534 007

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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

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V. Sandeep,

Asst.Professor,

Sir CRR College Of Engineering

MBA Department,

Vatluru, Eluru.

Email:crr.vsandeep@gmail.com

Contact: 9441695981

SPEAKERS OF THIS PROGRAMME

M.Ratnakar

Associate Professor, Vice Principal of Sir C.R.Reddy Autonomous College

M.MadhavaRao

Assistant.Professor, CSE Department, Sir C.R.Reddy College of Engineering.

B LalithaBhavani

Assistant Professor, IT Department, Sir C.R.Reddy College of Engineering.

M.V.D.V.Prasad, HOD, Computer Science,
Sir C.R.R.Autonomous College

Ch.Greeshma,

ECE, Assistant Professor, Sir C.R.Reddy College of Engineering.

Dr.M.Krishna, Professor, CSE

Sir C.R.Reddy College of Engineering



FACULTY DEVELOPMENT ICT TOOLS AND ONLINE TEACHING IN CURRENT SCENARIO

22-11-2020 TO 27-11-2020



**Organized by
Department of MBA**

SIR C.R.REDDY COLLEGE OF ENGINEERING
(approved by AICTE & Affiliated to JNTUK, Kakinada)Vatluru,
West Godavari District, Andhra Pradesh – 534007

Phone: 08812-230840

Fax: 08812-224193

E-Mail:principal.sircrrengg@gmail.com

Website:www.sircrrengg.ac.in

ABOUT COLLEGE

Sir C.R.Reddy College of Engineering is the first Engineering College in Andhra Pradesh sanctioned and

recognized by All India Council for Technical Education (AICTE). This college is permanently affiliated to JNTUK from the Academic Year 2017-18.

Since its inception in 1989, Sir C.R.REDDY College of Engineering has been a premier institute for quality engineering education in Andhra Pradesh under the stewardship of its broad minded and management. The last Two and a half decades has seen the Institute fulfilling its motto of 'QUALITY SERVICE 7VALUE BASED EDUCATION' to the student community.

Adhering to its core values, the institute gives top priority to ethical values and high standards and a commitment to value based education. We believe in working honestly and sincerely, in building trust and in maintaining a long lasting relationship with the society. Our team comprises of highly qualified and motivated faculty. Core competence and a friendly but efficient work culture play an important role in our overall achievements.

ABOUT DEPARTMENT

The Post graduate department of management studies at Sir C.R.Reddy College of Engineering was started in 2007. It has a two - year full time M.B.A. programme, approved by AICTE and affiliated to Andhra University. This department aims at producing quality management professional to the Nation. Its quest is to prepare managers that are professionally competent, ethically conscious and socially responsible to cater to the present day needs of the business and the society. The objective of this department is to develop exemplary Individuals both in profession and in society. The emphasis therefore is not only on academics but also on the overall development of the individual. To ensure this the student is exposed to a rigorous training programme in circular and co-curricular activities. There are 7 Faculty members in the department who are eminently qualified and experienced representing all major streams of management disciplines. The department is a composition of the well experienced and energetic youth. So far the management has incurred Rs.6 lakhs to purchase the books, Rs.18 lakhs to purchase the computers and 5 lakhs to purchase the furniture equipment.

OBJECTIVES OF THE PROGRAM

To enhance the knowledge regarding

Responsibilities of Teacher

Outcome based Education

ICT and effective presentation skills

Preparation of certificates.

ICT tools for teachers

Developing e-content

Learning Management System

LMS Platforms

E-Resources

Leadership and Management Proficiency

Google Classroom

Google forms

Video Conferencing Platforms

SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU
P.G.COURSES

DEPARTMENT OF MANAGEMENT STUDIES

Attendance Sheet for FDP on Practical Aspects of ICT TOOLS and Online Teaching for Current Scenario
for A.Y. 2020-2021 from 22-11-2020 to 27-11-2020

S.NO	Name of the Faculty	Designation	Signatures					
			22-11-20	23-11-20	24-11-20	25-11-20	26-11-20	27-11-20
21	D.Satya Narayana	Asst.Prof	D.Satya Narayana	D.Satya Narayana	D.Satya Narayana	D.Satya Narayana	D.Satya Narayana	D.Satya Narayana
22	Sk.Jaheerunnika Begum	Asst.Prof	Sk. Jaha	Sk. Jaha	Sk. Jaha	Sk. Jaha	Sk. Jaha	Sk. Jaha
23	K.Pavan Kumar	Asst.Prof	K.Pavan Kumar	K.Pavan Kumar	K.Pavan Kumar	K.Pavan Kumar	K.Pavan Kumar	K.Pavan Kumar
24	N.Sateesh	Asst.Prof	A	A	A	A	A	A
25	P.Bharat Kumar	Asst.Prof	P.Bharat	P.Bharat	P.Bharat	P.Bharat	P.Bharat	P.Bharat
26	Ch.Madhavi Latha	Asst.Prof	Ch.M	Ch.M	Ch.M	Ch.M	Ch.M	Ch.M
27	Dr.K Pulla Rao	Asst.Prof	Dr.K Pulla Rao	Dr.K Pulla Rao	Dr.K Pulla Rao	Dr.K Pulla Rao	Dr.K Pulla Rao	Dr.K Pulla Rao
28	V.Sandeep	Asst.Prof	V.Sandeep	V.Sandeep	V.Sandeep	V.Sandeep	V.Sandeep	V.Sandeep
29	P.Githa	Asst.Prof	P.Githa	P.Githa	P.Githa	P.Githa	P.Githa	P.Githa
30	A.Vasanthi	Asst.Prof	A.Vasanthi	A.Vasanthi	A.Vasanthi	A.Vasanthi	A.Vasanthi	A.Vasanthi
31	D.Siva Prasad	Assoc.Prof	D.Siva Prasad	D.Siva Prasad	D.Siva Prasad	D.Siva Prasad	D.Siva Prasad	D.Siva Prasad
32	Mohammed Rafi Shaik	Assoc.Prof	M.Rafi Shaik	M.Rafi Shaik	M.Rafi Shaik	M.Rafi Shaik	M.Rafi Shaik	M.Rafi Shaik
33	Sk.Kareem	Assoc.Prof	Sk.Kareem	Sk.Kareem	Sk.Kareem	Sk.Kareem	Sk.Kareem	Sk.Kareem
34	A.Venkateswara Rao	Assoc.Prof	A.Venkateswara Rao	A.Venkateswara Rao	A.Venkateswara Rao	A.Venkateswara Rao	A.Venkateswara Rao	A.Venkateswara Rao
35	N.A.Naga manikanta	Assoc.Prof	N.A.Naga manikanta	N.A.Naga manikanta	N.A.Naga manikanta	N.A.Naga manikanta	N.A.Naga manikanta	N.A.Naga manikanta

K.Usman
HOD,MBA

Head of the Department
Department of MBA
Sir C R Reddy College of Engineering
ELURU - 534 007

[Signature]

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



A Y 2020-2021

FDP ON "Practical aspects of "ICT Tools and Online Teaching in Current Scenario"

Day wise Schedule

DAY-1:

The Teacher and the Digital World: Teacher's Roles and Responsibilities and ICT-Enabled Instruction Acquiring knowledge

DAY-2

Effectively overseeing online classes

- Tool 1 : Making Student Online Notes
- Tool 2: Assessment Methods

DAY-3 Using tools to create Video Content

DAY-4

Resources and Advice for Student Engagement

DAY-5

Development of E-Content

DAY-6

Handling Stress and Resilience

Effects of ICT Tools and Valedictory role



SIR CR REDDY COLLEGE OF ENGINEERING
ELURU-534007, WEST GODAVARI DISTRICT, ANDHRA PRADESH,
INDIA
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Permanently affiliated to JNTUK, Kakinada)
Telephone No: 08812-230840, 230565, Fax: 08812-224193
Website: www.sircrrengg.ac.in

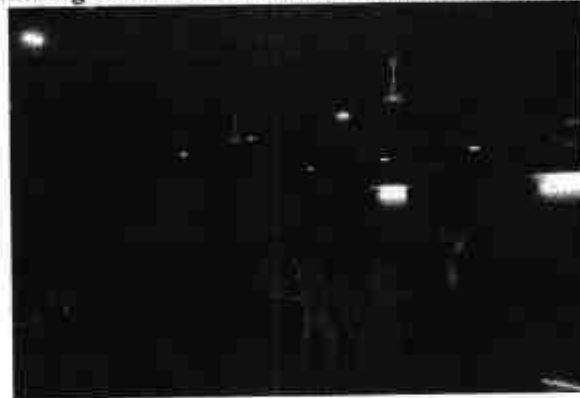


Dt: 28-11-2020.

DEPARTMENT OF MANAGEMENT STUDIES
Program Report

Academic Year: 2020-2021

Name of the Event: Faculty Development Program on "Practical Aspects of ICT Tools and Online Teaching for Current Scenario" from 22-11-2020 to 27-11-2020.



Program Report: Faculty Development Program on Practical Aspects of ICT Tools and Online Teaching for Current Scenario.

Introduction:

The department of MBA of Sir CR Reddy College of Engineering Conducted Faculty Development Program on Practical Aspects of ICT Tools and Online Teaching for Current Scenario. 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 22-11-2020 to 27-11-2020 with an active participation of faculty from different colleges. Various aspects of teaching methods were discussed like responsibilities of teacher, outcome-based education ICT and effective presentation skills.

In order to train and develop the skills of the faculty, the faculty development program on various topics like teaching techniques and simulation was conducted by the professors from different colleges from 22-11-2020 to 27-11-2020.

Engagement:

All the faculty from the different colleges actively participated on the event Faculty Development Program on Practical Aspects of ICT Tools and Online Teaching for Current

Scenario to the colleges like SIR CR REDDY College of engineering, Ramachandra College of Engineering, Eluru College of Engineering, Vasavi College Engineering.

Conclusion: -

The effort of the Department of MBA conducted Faculty Development Program on for Practical Aspects of ICT Tools and Online Teaching for Current Scenario 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 Practical Aspects of ICT Tools and Online Teaching for Current Scenario.

Sincerely,

V. Sandeep
Program Coordinator.



DEPARTMENT OF MBA

C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Date: 03/12/2020

CERTIFICATE OF PARTICIPATION

The following certificate is given to

N. Satish, Asst prof, MBA dept, Sir C.R. College of Engineering.

For actively attending the Six days Faculty Development Programme on PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO organized by Department Of MBA, Sir C.R.Reddy College Of Engineering, Eluru FROM 22/11/2020 TO 27/11/2020

K. V. S. N. K.
HOD

G. S. D.
PRINCIPAL



DEPARTMENT OF MBA

C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Date: 03/12/2020

CERTIFICATE OF PARTICIPATION

The following certificate is given to

V. Sandeep, Asst prof, MBA dept, Sir C.R. College of Engineering.

For actively attending the Six days Faculty Development Programme on PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO organized by Department of MBA, Sir C.R.Reddy College Of Engineering, Eluru FROM 22/11/2020 TO 27/11/2020

K. V. S. N. K.
HOD

[Signature]
PRINCIPAL



DEPARTMENT OF MBA

C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Date: 03/12/2020

CERTIFICATE OF PARTICIPATION

The following certificate is given to

Ch. Madhavi Latha, Asst Prof, MBA Dept, Sir C.R. College of Engineering.

For actively attending the Six days Faculty Development Programme on PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO organized by Department Of MBA, Sir C.R.Reddy College Of Engineering, Eluru FROM 22/11/2020 TO 27/11/2020

K. V. S. R.
HOD

[Signature]
PRINCIPAL



DEPARTMENT OF MBA

C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Date: 03/12/2020

CERTIFICATE OF PARTICIPATION

The following certificate is given to

Sr. Jabeerunisa Begum, Asst. Prof., MBA Dept., Sir C.R. College of Engineering.

For actively attending the Six days Faculty Development Programme on PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO organized by Department of MBA, Sir C.R. Reddy College Of Engineering, Eluru FROM 22/11/2020 TO 27/11/2020

K. S. S. K.
HOD

[Signature]
PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING

NOTICE

Date: 16-11-2020.

This is to inform all the staff members that a Faculty development Programme on "EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS" is going to be organised from 23-11-2020 to 28-11-2020. 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.

K. V. S. R. Reddy
Co-ordinator 16/11/2020

M. K. S. Reddy
HOD-ECE 16/11/20

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

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU-7
ECE FDP Program on EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS-Day wise Schedule

23/11/2020	24/11/2020	25/11/2020	26/11/2020	27/11/2020	28/11/2020
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	9.30 AM – 11.00AM
Inauguration	Applications, Potentials and challenges in IOT	Sensor Body Area Network	Smart Manufacturing and Smart Factories	IOT Security, IOT Standards and Emerging IOT Standards	Data Handling & Analytics
Interfacing of Smart Sensors					
11.00AM-01.00PM	11.00AM-01.00 PM	11.00AM-01.00PM	11.00 AM-01.00PM	11.00AM –01.00 PM	11.00AM-01.00PM
Internet of Things	IOT Case studies	Control of Smart Home and Smart Vehicles	Performance Modeling & Analysis	Open Problems and Research Challenges in IOT	Sensor Cloud and Sensing Nod, Case Studies
01.00PM-02.00PM	01.00PM-02.00PM	01.00PM-02.00PM	01.00PM-02.00PM	01.00 PM -02.00PM	01.00PM-02.00PM
LUNCH	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	02.00PM – 3.00PM
Article Discussion	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	03.00PM – 5.00PM
Hands-on exercises, Python Programming	Hands-on exercises, Tiny OS and Security	Hands-on exercises	Hands-on exercises	Hands-on exercises, Implementation of IOT with Raspberry pi	VALIEDICTORY


 Head of the Department
 Electronics & Communication Engg.
 Sir C.R.R. College of Engineering
 Eluru - 524 007

SIR C.R.REDDY COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

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

on

"Embedded Systems, Smart Sensors For IoT Applications

(23-11-2020-to 28-11-2020)

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 "Embedded Systems, Smart Sensors For IoT Applications" at Sir C R Reddy College of Engineering, Eluru from 23-11-2020-to 28-11-2020.

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

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

Patrons:

Dr. G. Sambasiva Rao, Principal

Convener:

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

Co-Ordinator:

K.Miranji
Asst. Professor, Department of ECE
Ph: +91 9652330263
E-mail: miranji.katta@gmail.com

Organizing Committee:

Dr.M.Ravikumar, Assoc. Professor
Mr.K.Lakshminarayana, Assistant Professor
Mr.V. Veerraju, Assistant Professor
Dr.R. Satish, Assistant Professor
Mr.Ch. Ravi Kumar, Assistant Professor
Mr.P. Hareesh, Assistant Professor
Mr.Ch. Jaya Prakash, Assistant Professor
Mr.V. Surendra Babu, Assistant Professor
Mr.M. Narendra Kumar, Assistant Professor
Ms.G. Srilatha, Assistant Professor

A Six day Faculty Development Program on "Embedded Systems, Smart Sensors For IoT Applications

23-11-2020-to 28-11-2020

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:

This academy role is to offer faculty development programme's in standardized courses and emerging areas of Electronics, Information Communication Technologies, Curriculum development for Industry, Training & Consultancy services for Industry; CEP for working professionals, and entrepreneurial activities. Current trends demand for efficient and secured electronic systems for commercial and industrial applications. Internet of Things (IoT) is one of the major technologies transcending industry, academia and government supporting the demands. In this context, IoT became an essential component to make of our daily routine smart and secure. Considering the current thrust on Information Communication Technologies and Electronic Sector Design and in view of the Internet of Things Policy of India, there is an immediate requirement for building capacity and expertise around Internet of Things.

Course Contents:

- Embedded Systems, Interfacing of Smart Sensors
- Internet of Things, Applications, Potentials and challenges in IOT, IOT Case studies
- Sensor Body Area Network, Control of Smart Home and Smart Vehicles
- Smart Manufacturing and Smart Factories
- Performance Modeling & Analysis
- IOT Security, IOT Standards and Emerging IOT Standards
- Open Problems and Research Challenges in IOT
- Data Handling & Analytics, Sensor Cloud and Sensing Node Case Studies
- D2D Communications Hands on session on the above topics will be provided.
- Python Programming, Tiny OS and Security
- Implementation of IOT with Raspberry pi.

Resource Persons:

Sri.A.Radha Krishna
Co-Founder,
Thingtronics Pvt Ltd,
Bangalore

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 19-11-2020



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

Attendance sheet

Name of the Department : ECE
 Name of the Programme : FDP on Embedded systems, Smart Sensors for IoT Applications
 Dates of Programme : 23/11/2020 to 28/11/2020.

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt: 23/11	Dt: 24/11	Dt: 25/11	Dt: 26/11	Dt: 27/11	Dt: 28/11
1	Ch. Ravi Kumar	CRRCOE	P	P	P	P	P	P
2	P. Hareesh	CRRCOE	P	P	P	P	P	P
3	Ch. Jaya prakash	CRRCOE	P	P	P	P	P	P
4	V. Surendra Babu	CRRCOE	P	P	P	P	P	P
5	M. Narendra Kumar	CRRCOE	P	P	P	P	P	P
6	G. Srilatha	CRRCOE	P	P	P	P	P	P
7	K. Miranji	CRRCOE	P	P	P	P	P	P
8	N. Lavanya	CRRCOE	P	P	P	P	P	P
9	A. Ram Kumar	CRRCOE	P	P	P	P	P	P
10	R. Trinadh	CRRCOE	P	P	P	P	P	P
11	P. Sowmithri	CRRCOE	P	P	P	P	P	P
12	M. Vamsi Krishna Allu	CRRCOE	P	P	P	P	P	P
13	K. Lavanya	CRRCOE	P	P	P	P	P	P
14	A. Soma Sekhar	PITS	P	P	P	P	P	P
15	K. Krishna Mohan	PITS	P	P	P	P	P	P
16	P. T. Bala Krishna	PITS	P	P	P	P	P	P
17	M. Greeshma	CRRCOE	P	P	P	P	P	P
18	V. Swathi	CRRCOE	P	P	P	P	P	P
19	K. Radha	CRRCOE	P	P	P	P	P	P
20	Mrs. Vamsi Sudheer	CRRCOE	P	P	P	P	P	P

(Signature)
 Programme Co-ordinator



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www.sircrrengg.ac.in

Attendance sheet

Name of the Department : *ECE*
 Name of the Programme : *Pop on Embedded system, Smart Sensors for IoT applications.*
 Dates of Programme : *23/11/2020 to 28/11/2020.*

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt: 23/11	Dt: 24/11	Dt: 25/11	Dt: 26/11	Dt: 27/11	Dt: 28/11
21	Mrs. Sai Sai Mada	CRRCOE	H. Sai	H. Sai	H. Sai	H. Sai	H. Sai	H. Sai
22	Prathyusha Nimmaga	CRRCOE	P. Prathyusha	P. Prathyusha	P. Prathyusha	P. Prathyusha	P. Prathyusha	P. Prathyusha
23	K. Syam prasad	PITS	K. Syam	K. Syam	K. Syam	K. Syam	K. Syam	K. Syam
24	A.V. Priyadarshini	PITS	A.V.P.D	A.V.P.D	A.V.P.D	A.V.P.D	A.V.P.D	A.V.P.D
25	Mallireddy Renuka	CRRCOE	M. Renuka	M. Renuka	M. Renuka	M. Renuka	M. Renuka	M. Renuka
26	Rupa Srinigi	CRRCOE	R. Srinigi	R. Srinigi	R. Srinigi	R. Srinigi	R. Srinigi	R. Srinigi
27	Nethala Raj	CRRCOE	Raj N	Raj N	Raj N	Raj N	Raj N	Raj N
28	Kandregula Venkata	CRRCOE	V	V	V	V	V	V
29	J. Leela Ramu	CRRCOE	J. Leela	J. Leela	J. Leela	J. Leela	J. Leela	J. Leela
30	Sujatha Gunduru	CRRCOE	G. Sujatha	G. Sujatha	G. Sujatha	G. Sujatha	G. Sujatha	G. Sujatha
31	Sunitha Karre	CRRCOE	Sunitha K	Sunitha K	Sunitha K	Sunitha K	Sunitha K	Sunitha K
32	Kondamuri purna	CRRCOE	K. Purna	K. Purna	K. Purna	K. Purna	K. Purna	K. Purna
33	Srinivasulu parre	CRRCOE	P. Srinivasulu	P. Srinivasulu	P. Srinivasulu	P. Srinivasulu	P. Srinivasulu	P. Srinivasulu
34	Chandrasekhar K	CRRCOE	C. K	C. K	C. K	C. K	C. K	C. K
35	Mrs. Sasi Bala	CRRCOE	P. Sasi	P. Sasi	P. Sasi	P. Sasi	P. Sasi	P. Sasi
36	S.M.N Venkatesh	CRRCOE	V. S.M.N	V. S.M.N	V. S.M.N	V. S.M.N	V. S.M.N	V. S.M.N
37	Hemalatha Inteti	CRRCOE	H. Inteti	H. Inteti	H. Inteti	H. Inteti	H. Inteti	H. Inteti
38	K.J.S Lorraine	CRRCOE	L. K.J.S	L. K.J.S	-	-	L. K.J.S	L. K.J.S
39	Dr. H. Tejo Murthy	CRRCOE	H. Tejo	H. Tejo	H. Tejo	H. Tejo	H. Tejo	H. Tejo
40	Hundi Sudhakar	CRRCOE	H. Sudhakar	H. Sudhakar	H. Sudhakar	H. Sudhakar	H. Sudhakar	H. Sudhakar

(Signature)
 Programme Co-ordinator



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
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AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

Attendance sheet

Name of the Department : ECE
Name of the Programme : POP on Remanufactured Systems, Smart Sensors for IoT applications
Dates of Programme : 22/11/2020 to 28/11/2020

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt: 23/11	Dt: 24/11	Dt: 25/11	Dt: 26/11	Dt: 27/11	Dt: 28/11
41	Mr. D. Ajay Kumar	CRR COE	att	att	att	att	att	att
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Programme Co-ordinator

Faculty Development Program

on

Embedded Systems and Smart Sensors for IoT Applications

Introduction:

The Faculty Development Program titled "Embedded Systems and Smart Sensors for IoT Applications" was conducted from November 23, 2020, to November 28, 2020. With the rapid advancement of technology and the increasing integration of smart devices into various domains, this program aimed to equip faculty members with the latest knowledge and skills in embedded systems and smart sensors for IoT (Internet of Things) applications. The program focused on enhancing participants' understanding of embedded systems design, sensor technologies, and their applications in IoT-based solutions.

Objectives:

1. To provide an overview of embedded systems and their significance in modern technological applications.
2. To familiarize faculty members with smart sensor technologies and their role in IoT-based systems.
3. To explore the design, development, and programming of embedded systems for IoT applications.
4. To facilitate hands-on experience and practical exercises to reinforce theoretical concepts and enhance technical skills.



Esteemed speaker: Mr.A.Radha Krishna

Workshop Sessions:

1. **Introduction to Embedded Systems:** This session provided an overview of embedded systems, including their architecture, components, and applications. Participants learned about real-world examples of embedded systems and their role in various industries such as automotive, healthcare, and consumer electronics.
2. **Smart Sensors for IoT:** The workshop focused on different types of smart sensors commonly used in IoT applications, including temperature sensors, motion sensors, and environmental sensors. Participants gained insights into sensor technologies, data acquisition methods, and sensor fusion techniques.
3. **Embedded Systems Programming:** Practical sessions were conducted to introduce participants to programming languages and development tools commonly used in embedded systems design, such as C/C++ and Arduino IDE. Participants learned how to program microcontrollers and interface them with sensors to collect and process data.
4. **IoT Applications and Case Studies:** This session showcased real-world IoT applications and case studies across various domains, including smart cities, agriculture, healthcare, and industrial automation. Participants explored the design considerations, challenges, and potential solutions in implementing IoT-based systems.

Outcome and Impact:

The Faculty Development Program on "Embedded Systems and Smart Sensors for IoT Applications" received positive feedback from participants, who expressed satisfaction with the depth and relevance of the content covered. Many participants reported gaining valuable insights into embedded systems design, sensor technologies, and IoT applications, which they could incorporate into their teaching and research activities. The hands-on sessions were particularly appreciated for providing practical experience and enhancing technical skills.

Conclusion:

The Faculty Development Program on "Embedded Systems and Smart Sensors for IoT Applications" successfully achieved its objectives of enhancing participants' knowledge and skills in embedded systems and smart sensor technologies for IoT applications. The program served as a platform for fostering collaboration, sharing best practices, and staying updated with the latest advancements in the field. Such initiatives play a crucial role in preparing faculty members to meet the evolving demands of the industry and contribute to the advancement of technology and innovation.



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Six Day Faculty Development Program

on

EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. M. NARENDRA KUMAR has

participated in the Six Day Faculty Development Program on "EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS" organised by the Department of Electronics & Communication Engineering during 23-11-2020 to 28-11-2020.


CO-ORDINATOR


HOD-ECE


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Prof. / Dr. / Mr. / Ms. V. SWATHI has

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Prof. / Dr. / Mr. / Ms. SAI SRI MADA has

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Prof. / Dr. / Mr. / Ms. MALLIREDDY · RENUKA has

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

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Prof. / Dr. / Mr. / Ms. SUNITHA . KARRE has

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Prof. / Dr. / Mr. / Ms. KONDAMURI · PURNA has

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CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. P. HAREESH has

participated in the Six Day Faculty Development Program on "EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS" organised by the Department of Electronics & Communication Engineering during 23-11-2020 to 28-11-2020.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

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

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

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Six Day Faculty Development Program

on

EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. CH. JAYA PRAKASH has

participated in the Six Day Faculty Development Program on "EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS" organised by the Department of Electronics & Communication Engineering during 23-11-2020 to 28-11-2020.


CO-ORDINATOR


HOD-ECE


PRINCIPAL



SIR C R REDDY COLLEGE OF ENGINEERING

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

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

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Six Day Faculty Development Program

on

EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS

CERTIFICATE OF PARTICIPATION

Prof. / Dr. / Mr. / Ms. V. SURENDRA BABU has

participated in the Six Day Faculty Development Program on "EMBEDDED SYSTEMS, SMART SENSORS FOR IoT APPLICATIONS" organised by the Department of Electronics & Communication Engineering during 23-11-2020 to 28-11-2020.


CO-ORDINATOR


HOD-ECE


PRINCIPAL

SIR C.R. REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF INFORMATION TECHNOLOGY

Notice

Date: 16-11-2020

It is to inform all the Staff that a “ **5 Day Faculty Development Program on Applied Machine Learning & Deep Learning**” by Y SIVA KOTESWARA RAO, Assistant Professor, Department of Computer Science Engineering, Eluru College of Engineering and Technology-Eluru, is going to organize from **07th to 11th December 2020**. Hence all the staff is advised to make utilize this opportunity.



HOD.

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

FDP Program: APPLIED MACHINE LEARNING & DEEP LEARNING
Day wise Schedule
Offline in SIR C R REDDY COLLEGE OF ENGINEERING
(07th – 11th NOVEMBER 2020)

07-11-2020	08-11-2020	09-11-2020	10-11-2020	11-11-2020
9.00AM– 9.30 AM				
Inauguration	9.30AM – 11.00AM	9.30 AM– 11.00AM	9.30 AM– 11.00 AM	9.30 AM – 11.00AM
9.30AM– 11.00 PM	Machine Learning Methods	Common ML Algorithms & Advantages and Disadvantages of ML algorithm	An Overview studying of Deep Learning.	Deep Learning is the Core Method of Machine Learning
Introduction To ML History and Evolution				
11.00AM–01.00PM	11.00AM–01.00 PM	11.00AM–01.00PM	11.00 AM–01.00PM	11.00AM –01.00 PM
Machine Learning versus Deep Learning	Reinforcement Machine Learning	Real World ML use cases & Challenges of ML	DL – Powerful Metaphor to Understand World	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	VALIEDICTORY


HOD

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

**SIR C R REDDY COLLEGE OF
ENGINEERING**

Department of Information Technology
REGISTRATION CUM NOMINATION FORM
(Photocopies may be used for additional participants)
A Five day Faculty Development Program on
“**Applied Machine Learning & Deep Learning**”
(07-11-2020 to 11-11-2020)

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

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

permitted to attend the Faculty Development Program
(FDP) on “**Applied Machine Learning & Deep
Learning**” at Sir C R Reddy College of Engineering,
Eluru from 07-11-2020 to 11-11-2020

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

SriDr.M.B.S.V.Prasad,Secretary
SriJastiMallikharjunudu,Correspondent.

Patrons:

Dr.G. Sambasiva Rao, Principal

Convenent:

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

Co-ordinator:

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

Organizing Committee:

Smt. T. Satya Naga Mari, AsstProfessor
Sri. N. Prasad, Asst Professor
Smt. G Krishnaveni, Asst Professor
Sri. P. RamajiahChowdary, Asst Professor
Smt. N.V.S.K. Vijaya Lakshmi, AsstProfessor
Sri. G. Vihari, Asst Professor
Sri V. Gopinath, Asst Professor

**A Five day Faculty Development Program on
“Applied Machine Learning & Deep Learning”**

07-11-2020 to 11-11-2020
Organized by Department of
Information Technology



**SIR C R REDDY COLLEGE OF
ENGINEERING**

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

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

ABOUT THE DEPARTMENT

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

About the FDP:

The aim of this FDP is to train faculty members in the **Machine Learning & Deep Learning**. Subsequently, the training will help the teachers to transfer the knowledge to students in their respective institutions. The program will act as a bridge for knowledge transfer between faculty and experts in the field of **Machine Learning & Deep Learning** fields to fulfill the ongoing demands in research and academic activities. By achieving these objectives, the FDP aims to empower participants with a comprehensive understanding of **Machine Learning & Deep Learning**, to leverage these technologies effectively in real-world applications while adhering to ethical considerations and responsible AI practices.

Resource Person:

Sri Y SIVA KOTESWARA RAO, Asst. 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 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 **01-11-2020**.

22								
23	<i>Mamih</i> E. Balakrishnan	Sir C.R.R. College	IT	(EBCN)	(EBCN)	(EBCN)	(EBCN)	(EBCN)
24								
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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 APPLIED MACHINE LEARNING & DEEP LEARNING

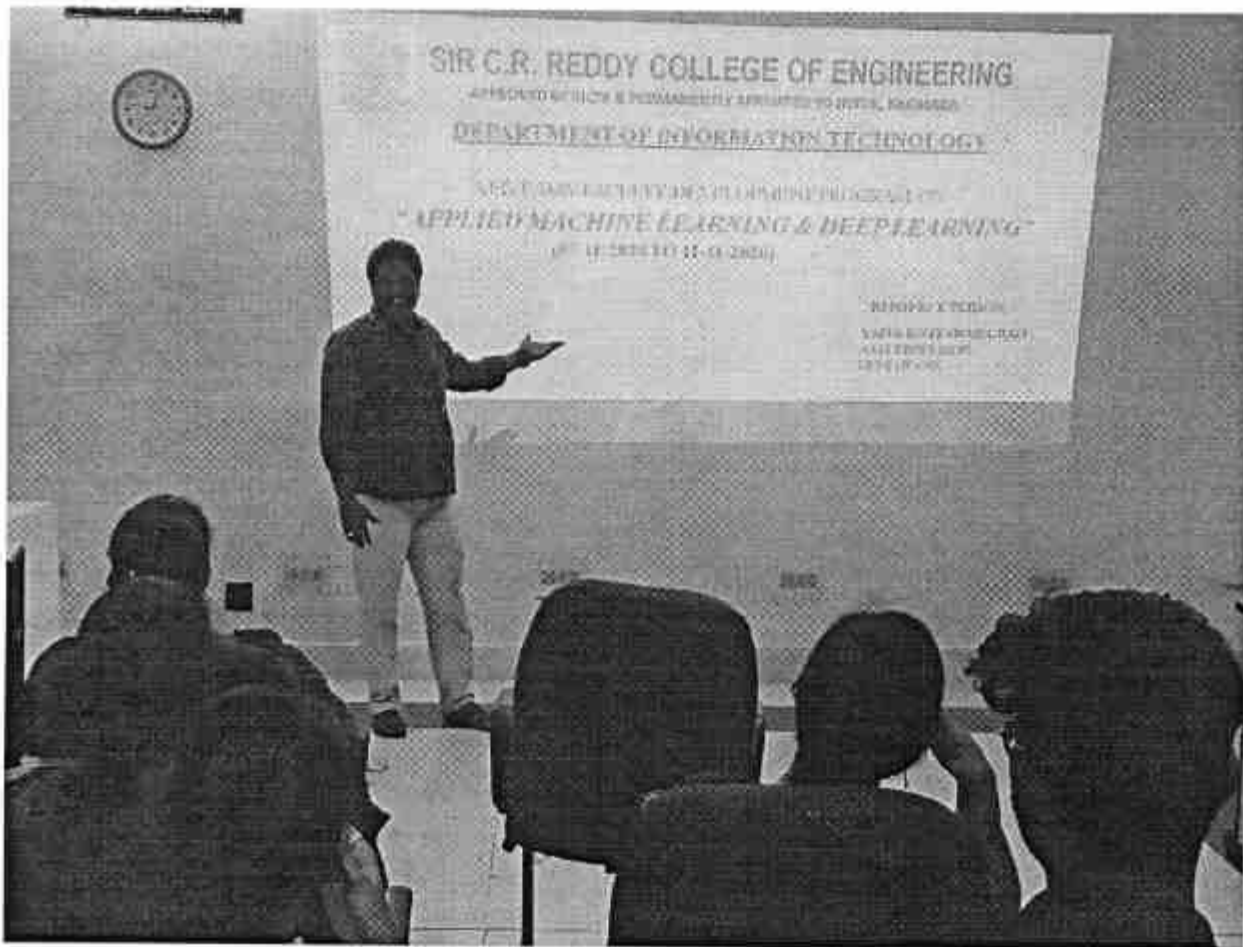
(07TH NOVEMBER TO 11TH NOVEMBER 2020)

The Faculty Development Programme on APPLIED MACHINE LEARNING & DEEP LEARNING 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 Machine Learning and Deep Learning.

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 Machine Learning and Deep Learning commenced with a robust introduction and highlighted the essence of the event. Sri Y Siva Koteswara 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 Y Siva Koteswara Rao, Asst.Professor, further enriched the programme, as she shared his profound expertise in Machine Learning and Deep Learning. 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 Sri N Prasad, 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 Machine Learning and Deep Learning proved to be a resounding success, offering participants a robust platform for learning, networking, and collaboration. Through insightful lectures, engaging discussions, and hands-on activities, attendees gained invaluable knowledge and inspiration to propel themselves towards excellence in this dynamic field. A heartfelt expression of gratitude is extended to all esteemed speakers, participants, and organizers for their valuable contributions and unwavering dedication, which truly made this FDP a memorable and transformative experience for all involved.

Thereafter Prof. Dr. S. Krishna Rao, gave his concluding remarks and distributed the certificates to the external participants. In the end, Smt G Krishnaveni, Asst. Professor, gave the vote of thanks and concluded the five days faculty development programme.





SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms Dr. G. CHAMUNDESWARI
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Departement of Information Technology.


Dr. S. Krishna Rao
HOD


Dr. G. Sambasiva Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms Dr. Sk. Meenavali
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Departement of Information Technology.

Dr. S. Krishna Rao
HOD

Dr. G. Sambasiva Rao
Principal




SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms T. SATYA NAGAMANI
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Department of Information Technology.


Dr. S. Krishna Rao
HOD


Dr. G. Sambasiva Rao
Principal





SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms N. PRASAD
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Departement of Information Technology.


Dr. S. Krishna Rao
HOD


Dr. G. Sambasiva Rao
Principal




SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms G. KRISHNA VENI
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Departement of Information Technology.

Dr. S. Krishna Rao
HOD


Dr. G. Sambasiva Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms A. KOTESWARAMMA
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Department of Information Technology.

Dr. S. Krishna Rao
HOD

Dr. G. Sambasiva Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms U. PALLAVI
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Departement of Information Technology.

Dr. S. Krishna Rao
HOD


Dr. G. Sambasiva Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms K. Nandini
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Department of Information Technology.

Dr. S. Krishna Rao
HOD

Dr. G. Sambasiva Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms CH. POOJA RANI
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Department of Information Technology.

Dr. S. Krishna Rao
HOD

Dr. G. Sambasiva Rao
Principal

 SIR C.R. REDDY COLLEGE OF ENGINEERING

Approved by AICTE & permanently affiliated to JNTUK, Kakinada

CERTIFICATE OF PARTICIPATION

This is certified that Mr./Ms. M DINYA SOMITHRA
has participated in a 5day Faculty Development Program on "Machine Learning
Application on Image Processing" from 07th- 11th December 2020, organized by
Department of Information Technology.

Dr. S. Krishna Rao
HOD

Dr. G. Sambasiva Rao
Principal



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NOTICE

Date: 27-11-2020

It is to inform all the Department staff members that “A 5-day Faculty Development Program on Design and Analysis of Solar PV Systems” is going to be organized from 07-12-2020 to 1-12-2020. So, all the staff members are advised to actively participate.

Mr
HOD

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

FDP Program:
Design and Analysis of Solar PV Systems
Day wise Schedule
SIR CR REDDY COLLEGE OF ENGINEERING

Day1 (07/12/2020)	Day2 (08/12/2020)	Day3 (09/12/2020)	Day4 (10/12/2020)	Day5 (11/12/2020)
9:30 – 10:00 Inaugural	—	—	—	—
10:00 – 12.30 Session 1 Performance Analysis and Monitoring of PV systems	9:30 – 12.30 Session 1 Power Quality and Earthing (Grounding) Systems	9:30 – 12.30 Session 1 Characteristics of PV array Uniform Irradiance Condition	9:30 – 12.30 Session 1 Effect of partial shading on a PV system	9:30 – 12.30 Session 1 Grid-Tied PV Systems
12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch	12:30 – 1:30 Lunch
1:30 – 3:30 Session 2 Open loop control of boost converter in PV system	1:30 – 3:30 Session 2 development of grid integrated PV system with enhanced power quality	1:30 – 3:30 Session 2 Partially Shaded Condition	1:30 – 3:30 Session 2 Balance of System (BOS):Batteries	1:30 – 3:30 Session 2 Off-Grid PV Systems
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.D.Sudha Rani**, Vasavi college of Engg Tadepalligudem

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

Day 3: Session 1 & 2 by **Dr.A. Srinivasa Reddy**, Sir C R Reddy College Of Engineering

Day 4: Session 1 & 2 by **Mr. Sunil Kumar**, Sir C R Reddy College Of Engineering

Day 5: Session 1 & 2 by **Dr.G.Srinivasa Rao**, Vignan University

ML
Head of the Dept.
Electrical and Electronics Engineer
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

"Design and Analysis of Solar PV Systems"

(07-12-2020 to 11-12-2020.)

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 **"Design and Analysis of
Solar PV Systems"** at Sir C R Reddy College of
Engineering, Eluru from **07-12-2020 to 11-12-
2020.**

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

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

Patrons:

Dr. G. Sambasiva Rao, Principal

Convener:

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

Co-ordinator:

Dr. Yerramilli Butchi Raju
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
Palety Naga Sowjanya, Asst. Prof
Katta Venkatesh, Asst. Prof
Uppuluri Ranjith Kumar, Asst. Prof
Ravilla Madhusudan, Asst. Prof
Attada Durga Prasad, Asst. Prof
Neeli V S R Pavan kumar, Asst. Prof

A Five day Faculty Development Program
on
**"Design and Analysis of Solar PV
Systems"**

07-12-2020 to 11-12-2020.
Organized by Department of
Electrical and Electronics Engineering



**SIR C R REDDY COLLEGE OF
ENGINEERING**

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

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

ABOUT THE INSTITUTE

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

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

ABOUT THE DEPARTMENT

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

About the FDP:

This Five day Faculty Development Program spans a diverse array of topics, empowering educators in the The design and analysis of solar photovoltaic (PV) systems is a critical area within the field of Electrical and Electronics Engineering (EEE), especially given the increasing importance of renewable energy sources in global energy portfolios. Here's an overview of the key aspects involved:

Site Assessment: The first step in designing a solar PV system is to conduct a comprehensive site assessment. This involves analyzing factors such as solar irradiance levels, shading, available space, and local weather conditions. Accurate site assessment ensures optimal placement and sizing of the PV system for maximum energy production.

System Sizing: Based on the site assessment, the next step is to determine the appropriate size and configuration of the solar PV system. This includes selecting the type and number of PV modules, as well as sizing other components such as inverters, batteries (if applicable), and mounting structures.

RESOURCE PERSONS:

Dr. D. Sudha Rani
Sri Vasavi engineering college,
Tadepaligudem

Dr. G. Srinivas Rao
Vignan University, Vadlamudi
9966214663

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 55 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 1000 /-

Form for Registration:

Note: Last date for registration is
06-12-2020.



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

Attendance List of Participants

Name of the Department : Electrical and Electronics Engineering
 Name of the Programme : Five Day Faculty Development Program
 Title of the Programme : "Design and Analysis of Solar PV Systems"
 Dates of Programme : 07-12-2020 to 11-12-2020

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
	V. Suresh Kumar	PIT-EEE	usk	usk	usk	usk	usk
	K. Padma Priya	PII-EEE	pkjya	pkjya	pkjya	pkjya	pkjya
	Dr M. Veera Kumar	EEE	vk	vk	vk	vk	vk
	G. Ram Mohan Rao	EEE	gmr	gmr	gmr	gmr	gmr
	S. R. Sagar	EEE	sr	sr	sr	sr	sr
	K. Ranga Rajulu	PIT-EEE	kr	kr	kr	kr	kr
	Nagendra babu Thota	PIT-EEE	T.Na	T.Na	T.Na	T.Na	T.Na
	Y. Samba Siva Rao	PIT-EEE	ysr	ysr	ysr	ysr	ysr
	Ch. Someswararao	PIT-EEE	csr	csr	csr	csr	csr
	GALAM RAVI KUMAR	PIT-EEE	G.Rvi	G.Rvi	G.Rvi	G.Rvi	G.Rvi
	P. Deepa Prasad	EEE	pd	pd	pd	pd	pd
	K. Kotaiah Choudary	EEE	ck	ck	ck	ck	ck
	L. Vamsi Narasimha Rao	EEE	lv	lv	lv	lv	lv
	Sri. Chamba Siva	EEE	sc	sc	sc	sc	sc

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

Y. R. P.
 Programme Co-ordinator



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

Attendance List of Participants

Name of the Department : Electrical and Electronics Engineering
 Name of the Programme : Five Day Faculty Development Program
 Title of the Programme : "Design and Analysis of Solar PV Systems"
 Dates of Programme : 07-12-2020 to 11-12-2020

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
	M. Mallikarjun Reddy	EEE	M	M	M	M	M
	K. Venkatesh	EEE	K	K	K	K	K
	T. Naga Raju	EEE	T	T	T	T	T
	A. S. Prakash	EEE	A	A	A	A	A
	T. Luranthi Lura	EEE	T	T	T	T	T
	D. N. BHUPESH KUMAR	EEE	N	N	N	N	N
	M. S. N. L. Navasimha	EEE	M	M	M	M	M
	J. Ayyappa	EEE	J	J	J	J	J
	A. Durga Prasad	EEE	A	A	A	A	A
	N. R. Nandini	EEE	N	N	N	N	N
	K. Sambasiva Rao	EEE	K	K	K	K	K
	M. Vijaya Lakshmi	EEE	M	M	M	M	M
	R. Madhusudan	EEE	R	R	R	R	R

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

Programme Co-ordinator
 11/12/2020

REPORT ON FACULTY DEVELOPMENT PROGRAMME

Design and Analysis of Solar PV Systems



**Organized by Electrical and Electronics
Engineering Department**

Sir C R Reddy College of Engineering

07-Dec-2020 to 11-Dec-2020

Introduction:

This programme, held from 07 Dec to 11 Dec in 2020, aimed to provide our faculty members with valuable skills and knowledge to excel in their roles as educators. By enhancing teaching techniques and fostering a culture of continuous learning, the programme aimed to benefit both faculty and students alike.

Throughout the programme, participants engaged in seminars and interactive sessions led by experienced educators and industry experts. Topics covered included effective teaching strategies, integrating technology into the classroom, and assessing student learning outcomes. The programme also emphasized the importance of inclusive teaching practices and ethical considerations in academia.

This highlights and outcomes of the Faculty Training Programme, showcasing the valuable insights gained and the impact on teaching practices. We celebrate the dedication of our faculty members and the success of this initiative in promoting excellence in teaching and learning at Sir C R Reddy College of Engineering.

Day 1: 07 Dec 2020

Inaugural Function (9.30am to 10.00am)

A significant occasion was held on December 5, 2022, at Sir C R Reddy College of Engineering: The Faculty Development Program (FDP) On Design and Analysis of Solar PV Systems 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 Performance Analysis and Monitoring of PV systems (10.00am to 12.30pm)

Summary:

Dr.D.Sudha Rani presented that Performance analysis and monitoring are crucial aspects of ensuring the optimal operation and efficiency of photovoltaic (PV) systems. One of the

fundamental metrics used in assessing PV system performance is the performance ratio (PR). This ratio represents the actual energy output of the system compared to the expected output under standard conditions. Calculating the PR involves analyzing measured data such as solar irradiance, ambient temperature, and the output of the PV array. By comparing actual performance to expected performance, system operators can identify deviations and potential issues affecting energy production.

SESSION-II Open loop control of Boost converter in PV Systems (1.30pm to 3.30pm)

Summary:

She also discussed about a two-stage grid connected solar system is shown. In the first stage, DC/DC boost converter plays the main role in absorbing power from the PV array by controlling its voltage. In the second stage, an inverter controls the output voltage of the DC/DC converter and generates AC voltage to connect the solar system to the grid. Because of the DC link capacitor between the boost converter and the inverter, there is little coupling between the two stages and the stages can be studied separately. Generally, there are two control approaches for regulation of a PV array using boost converter; i.e. close loop and open loop controls.

Day 2: 08 Dec 2020

SESSION-I Power Quality and Earthing (Grounding) Systems (9.30am to 12.30pm)

Summary:

Dr. Y. Butchi Raju addressed that 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.

SESSION-II Development of Grid Integrated PV System with Enhanced Power Quality (1.30pm to 3.30pm)

Summary:

In this session he explained 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. However due to limited availability of fossil fuels and emission of greenhouse gases it is necessary to regulate the use of fossil fuels and develop renewable energy resources which are sustainable and environment friendly. 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.

Day 3: 09 Dec 2020

SESSION-I Uniform Irradiance Condition (10.00am to 12.30pm)

Summary:

Dr.A.Srinivasa Reddy has discussed the equivalent photocurrent of module, is the reverse saturation current of the equivalent diode, A is the ideal factor, and (kT/q) is the thermal voltage of module. Also, R_s and R_{sh} are the equivalent series and shunt resistances of the module. I-V characteristic of an array with parallel strings, each consisting of series modules, in UIC is then as follows. The module current is maximum at $V=0$ and is known as short circuit current. For voltages above there will be negative current, but a blocking diode will force it to zero. I-V and P-V characteristics of a typical solar module under UIC are presented. In UIC, the maximum power point of module and array are unique and are achieved at V_{mp} and V_{mp} , respectively; γ is a coefficient that is dependent on model parameters of solar module.

SESSION-II Partially shaded condition (1.30pm to 3.30pm)

Summary:

The talk by Dr.A Srinivasa Reddy was focused on The insulated modules of a string drive the string current. Therefore, portion of the string current that is greater than the generated current of shaded modules passes through parallel resistance of the shaded modules and generates negative voltage across them. Thus, the shaded modules consume power instead of generating it. In this condition, not only the overall efficiency drops, but also the shaded modules may be damaged due to hot spots. To prevent this condition, a bypass diode is connected in parallel to each module, to

let the extra current of the string pass through it. Consequently, the voltage across that module will be about and efficiency of the string will improve.

Day 4: 10 Dec 2020

SESSION-I Effect of Partial shading on a PV System (10.00am to 12.30pm)

Summary:

In this session, the speaker focused on Solar photovoltaic (PV) systems generate electricity via the photovoltaic effect — whenever sunlight knocks electrons loose in the silicon materials that make up solar PV cells. As such, whenever a solar cell or panel does *not* receive sunlight — due to shading or nearby obstructions — the entire installation generates less overall solar power. This is known as PV system shade loss.

there are a number of solar design strategies you can use to reduce shading losses. These solar panel shading solutions include using different stringing arrangements, bypass diodes, and module-level power electronics (MLPEs).

SESSION-II Balance of systems (BOS): Batteries (1.30pm to 3.30pm)

Summary:

Mr.Sunil Kumar has discussed about Solar photovoltaic (PV) systems are complex and require many components working in tandem to capture, convert, and store power from the sun as AC electricity.

Solar panels are an essential part of any grid-tied or off-grid PV solution.

But without a balance of system, they're essentially useless.

Balance of system is a catch-all term for all the components — besides PV panels — that a solar power system requires to function.

Day 5: 11 Dec 2020

SESSION-I Grid-Tied PV Systems (10.00am to 12.30pm)

Summary:

Dr.G. Srinivasa Rao has discussed about a grid connected PV system is one where the photovoltaic panels or array are connected to the utility grid through a power inverter unit allowing them to operate in parallel with the electric utility grid. In recent years, however, the number of solar powered homes connected to the local electricity grid has increased dramatically. These Grid Connected PV Systems have solar panels that provide some or even most of their power needs during the day time, while still being connected to the local electrical grid network during the night

time. Solar powered PV systems can sometimes produce more electricity than is actually needed or consumed, especially during the long hot summer months.

SESSION-II Off-Grid PV Systems (1.30pm to 3.30pm)

Summary:

Dr.G.Srinivasa Rao addressed that in an off-grid photovoltaic system can meet the power needs of any mid-to large-size home. This is an appealing alternative to the traditional on-grid systems because you are self-sustaining your energy use 100%. The long-term savings of an off-grid photovoltaic system make it a financially sound choice. With an off-grid photovoltaic system, a homeowner need never to pay an energy bill again. When off-grid PV systems first hit the homeowner market, the initial investment was slightly intimidating. Nowadays, with the reduced costs of the components required, an off-grid photovoltaic system is a viable alternative, providing homeowners with a sustainable, long-term savings plan and clean energy.



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Five Day Faculty Development Program

on

Design and Analysis of Solar PV Systems

CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....S.R. Sagar.....has
participated in A Five Day Faculty Development Program on "**Design and
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Prof./Dr./Mr./Ms.....*Dr. M. Veerakumari*.....has participated in A Five Day Faculty Development Program on **“Design and Analysis of Solar PV Systems”** during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....A:s: Prakash Rao.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*T. Kranti Kiran*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....N: Rama Narayana.....has participated in A Five Day Faculty Development Program on “Design and Analysis of Solar PV Systems” during 07-12-2020 to 11-12-2020 Organised by the Department of Electrical and Electronics Engineering.


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Prof./Dr./Mr./Ms.....*J. Ayyappa*.....has
participated in A Five Day Faculty Development Program on “**Design and
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Prof./Dr/Mr./Ms.....*Tata. Deepthi. Prasanna*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*A. Durga Prasad*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*Ravilla Madhusudan*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr./Mr./Ms.....*Katta Venkatesh*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr./Mr./Ms.....*B. Samba SIVA RAO*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*Tella Nagaraju*.....has participated in A Five Day Faculty Development Program on **“Design and Analysis of Solar PV Systems”** during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*K. Kotalah choudary*.....has participated in A Five Day Faculty Development Program on **“Design and Analysis of Solar PV Systems”** during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*sk: chan.Basha*.....has
participated in A Five Day Faculty Development Program on “**Design and
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Prof./Dr./Mr./Ms.....*M.S.N.L. Narasimha Rao*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*L. Vamsi Narasimha Rao*.....has participated in A Five Day Faculty Development Program on **“Design and Analysis of Solar PV Systems”** during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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Prof./Dr/Mr./Ms.....*M. Visaya Raghavendra*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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CERTIFICATE OF PARTICIPATION

Prof./Dr/Mr./Ms.....*M: Mallikarjuna Reddy*.....has participated in A Five Day Faculty Development Program on “**Design and Analysis of Solar PV Systems**” during **07-12-2020** to **11-12-2020** Organised by the Department of Electrical and Electronics Engineering.

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

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 25-11-2020

CIRCULAR

We are Pleased to inform that all the faculty of Mechanical Engineering Department is conducting a Six-Day Faculty Development Programme on "Renewable Energy Sources" will be Scheduled from 07-12-2020 to 12-12-2020 at 9.30 AM onwards.

Venue: Library Seminar Hall


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

ELURU-534007, WEST GODAVARI DIST, ANDHRA PRADESH, INDIA
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Telephone No: 08812-230840, 230565, Fax: 08812-224193
Website: www.sircrrengg.ac.in

Day wise schedule of FDP on “Renewable Energy Sources”

Date	Slot-1 (09:00-12:30)	Slot-2 (02:00-04:00)
07/12/2020	Introduction to Renewable Energy Sources. CH Phani Kumar	Renewable Energy:Solar energy as a transportation fuel. CH Phani Kumar
08/12/2020	Solar Hydrogen systems. CH Phani Kumar	Wind resource and wind turbine technology. CH Phani Kumar
09/12/2020	Hydrogen for future energy conversion and storage applications. CH Phani Kumar	Integrating renewable energy in smart grid system. CH Phani Kumar
10/12/2020	PEM fuel cell:Technology and applications. CH Phani Kumar	Energy storage materials for renewable energy applications. CH Phani Kumar
11/12/2020	Introduction to power evacuation strategies from Photo Voltaic Systems. DR M Sri Ram Murthy	Solar based desalination for remote villages. DR M Sri Ram Murthy
12/12/2020	Solar energy for industrial process heat applications. DR M Sri Ram Murthy	Solar cells concepts and current trends. DR M Sri Ram Murthy

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: 05.12.2020

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.Alekhyia, Assistant Professor

Dr. M.Srirama Murthy, Professor

Sri P.S.B.Choudary, Associate Professor

Sri K.Sunil Ratna Kumar, Assistant Professor

Sri T.Rama Krishna, Assistant Professor

Sri E.Venkateswara Rao, Assistant Professor

Sri Ch.Rama Krishna, Assistant Professor

Sri B.V.Subrahmanyam, Assistant Professor

Sri S.V.Gopala Krishna, Assistant Professor

Smt Ch.Lakshmi Poornima, Assistant Professor

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

Sri A.Srinivasa Rao, Assistant Professor

Sri Ch.Chandra Rao, Assistant Professor

One Week
FACULTY DEVELOPMENT PROGRAMME
ON

RENEWABLE ENERGY SOURCES

07th - 12th December 2020

Organized by:

Department of Mechanical Engineering



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

www.sircrreddy.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 faculty development program is to create awareness the significant achievements, Projections on commercially available renewable systems and as well as challenges of advancement of technology in renewable sector. The experts outcome will provide useful information and develop confidence among researchers to utilize the renewable energy devices in their research areas. It creates the common platform that industry represents, experts, faculty and researchers to interact and update their knowledge prospects.

Objective of the FDP

- To develop basic understanding of Energy scenario.
- To identify renewable energy sources and their utilisation
- To understand the basic concepts of solar energy and analyze the working of solar PV and thermal systems.
- To understand the physics of building and techniques to improve the thermal comfort.

Resource Persons:

1. CH. PHANI KUMAR
Assistant professor,
Ramachandra college of engineering, Eluru.
2. M. SRIRAMAMURTHY
Professor
SirCRR College of Engineering, Eluru.

Venue:

Library Seminar Hall,
SirCRR College of Engineering, Eluru.

Correspondence:

Sri D. Satyanarayana, Sr. Assistant Professor
M.N.V Alekya, Assistant Professor
Department of Mechanical Engineering Eluru -
534007.
Ph No: 9603932096
Email ID: alekhyu7013@gmail.com



Attendance List of Participants

Name of the Department : mechanical engineering
 Name of the Programme : FDP on Renewable energy resources
 Dates of Programme : 07-12-2020 to 12-12-2020

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dr. 07/12/2020	Dr. 08/12/2020	Dr. 09/12/2020	Dr. 10/12/2020	Dr. 11/12/2020	Dr. 12/12/2020
1	Chithani Kumar	Mech	Ch	Ch	Ch	Ch	Ch	Ch
2	D. Gadya	Mech	SG	SG	SG	SG	SG	SG
3	Dr. K. Sunil Kumar	Mech	K	K	K	K	K	K
4	Dr. M. Sri Ramamurthy	MECH	SR	SR	SR	SR	SR	SR
5	CH. L. BOORNIMA	MECH	Ch	Ch	Ch	Ch	Ch	Ch
6	J. N. V. Narasimha	MECH	J	J	J	J	J	J
7	E. Srinivas	Mech	ES	ES	ES	ES	ES	ES
8	Dr. K. Lalitha Rajan	MECH	KLR	KLR	KLR	KLR	KLR	KLR
9	A. S. Ganapathi	Mech	ASG	ASG	ASG	ASG	ASG	ASG
10	K. V. P. P. Chandu	Mech	CP	CP	CP	CP	CP	CP
11	E. Venkateswararao	Mech	EV	EV	EV	EV	EV	EV
12	A. Simu	Mech	A	A	A	A	A	A
13	B. V. Subrahmanyam	Mech	B	B	B	B	B	B
14	T. Ramakrishna	Mech	TR	TR	TR	TR	TR	TR
15	CH. Rama Krishna	Mech	CRK	CRK	CRK	CRK	CRK	CRK
16	S. V. Gopala Krishna	Mech	SGK	SGK	SGK	SGK	SGK	SGK
17	V. Nandan Kumar	Mech	VNK	VNK	VNK	VNK	VNK	VNK
18	Ch. Chandra Kumar	Mech	Ch	Ch	Ch	Ch	Ch	Ch
19								
20								
21								
22								
23								
24								
25								

M. N. Akhila
 Programme Co-ordinator



SIR C R REDDY COLLEGE OF ENGINEERING

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

REPORT ON FACULTY DEVELOPMENT PROGRAMME ON "Renewable Energy Sources"

A 6 days Faculty development programme on "Renewable Energy Sources" was successfully conducted in the Sir C R Reddy College of Engineering campus, on 7th – 12th December 2020 by Mechanical department.

The programme was inaugurated in the morning at the library seminar hall on 7th December 2020 by hands of Dr. G Sambasiva Rao garu (Principal), Dr. K Venkateswara Rao garu (Head of the department), Sri Ch Phani Kumar garu (Assistant Professor, Ramachandra College of Engineering), Dr. M Sri Rama Murthy garu (Professor, Sir C R Reddy College of Engineering). In the inaugural speech, Dr. K Venkateswara Rao garu welcomed the Honorable Speakers. Sri K Sunil Ratna Kumar garu introduced the guest speaker.

On the first four days of the FDP (7th – 10th December) Sri Ch Phani Kumar garu starts the FDP by introducing about renewable energy resources and later he explained about how solar energy can be used in transportation. He explained about Wind resource and wind turbine technology. He also explained PEM fuel cell technology and applications and energy storage materials for renewable energy applications.

On the last two days of the FDP (11th & 12th December) Dr. M Sri Rama Murthy garu explained about introduction to power evacuation strategies from Photo Voltaic Systems, solar based desalination for remote villages, solar energy for industrial process heat applications, solar cells concepts and current trends.

The FDP ended with a feedback session and distributing participating certificates. Mrs. Ch Lakshmi Poornima 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. Lalitha Narayanan of Mechanical department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL




SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

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

Certificate of Participation

This is to certify that Mr. / Ms. Dr. M. Sai Rama Murthy of Mechanical department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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Certificate of Participation

This is to certify that Mr. /-Ms. Dr. K. Sumil Ratna Kumar of Mechanical Department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. /Ms. Dr. T. Ramakrishna of
Mechanical department has participated in the Six Day Faculty Development
Program on "Renewable Energy Sources" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 07-12-2020 to 12-12-2020.


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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 "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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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 "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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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 "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. & Ms. Sei ch. Rama Krishna of Mechanical department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. & Ms. Sri B V Subrahmanyam of Mechanical Department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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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 "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr /-Ms. Ch. Lakshmi Perumina of
Mechanical department has participated in the Six Day Faculty Development
Program on "Renewable Energy Sources" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. /-Ms. Sai L.N.V. Namashamba Rao of Mechanical department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. /Ms. Sei Chandra Rao of
Mechanical department has participated in the Six Day Faculty Development
Program on "Renewable Energy Sources" organised by the Department of Mechanical
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India
from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. / Ms. Sai A. Sainivasa Rao of Mechanical department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. + Ms. Sri F. Srinivas of Mechanical department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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

Certificate of Participation

This is to certify that Mr. / Ms. Sei A. S. Ganapathi of Mechanical department has participated in the Six Day Faculty Development Program on "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


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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 "Renewable Energy Sources" organised by the Department of Mechanical Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India from 07-12-2020 to 12-12-2020.


HEAD OF THE DEPARTMENT
MECHANICAL ENGINEERING


PRINCIPAL



DEPARTMENT OF MBA

C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Date: C3/12/2020

CERTIFICATE OF PARTICIPATION

The following certificate is given to

M. Vijaya Raghavendra, Asst. prof, EEE, Sir CRR College of Engineering.

For actively attending the Six days Faculty Development Programme on PRACTICAL ASPECTS OF ICT TOOLS AND ONLINE TEACHING FOR CURRENT SCENARIO organized by Department of MBA, Sir C.R.Reddy College Of Engineering, Eluru FROM 22/11/2020 TO 27/11/2020

K. Sankar
HOD

[Signature]
PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NOTICE

Date: 03-02-2021

It is to inform all the Department staff members that "A 5-day Faculty Development Program on **Cloud Technology**" is going to be organizing from **22-02-2021 to 26-02-2021**. 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: Cloud Technology Day wise schedule Offline in SIR C R REDDY COLLEGE OF ENGINEERING

22/02/2021	23/02/2021	24/02/2021	25/02/2021	26/02/2021
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 AM	SAAS, PAAS, IAAS Different Cloud providers-Examples	Introduction to Open Stack Understanding Open Stack	AI,ML, Data Engineering and Data Science on Microsoft Azure	Deploying python on Amazon Web services
Introduction to Virtualization Introduction to cloud Technology				
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
Cloud Types Cloud Technology- Various Tools	Google Cloud Amazon Cloud Examples- Bitnaami, Digital Ocean	Rhythm of life Era of Cloud Computing with Microsoft Azure Characteristics	AWS Cloud Value Proposition AWS Cloud Architectural Principles	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	Reflection Journal
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 **"CLOUD TECHNOLOGY"**
(22-02-2021 to 26-02-2021)

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 **"CLOUD TECHNOLOGY"** at Sir C R
Reddy College of Engineering, Eluru from 22-02-2021 to
26-02-2021

Place:

Date:

Signature

CO-ORDINATING COMMITTEE

Chief Patrons:

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

Patrons:

Dr. G. Sambasiva 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

Smt K.. N. Madavi Latha, Asst. Prof

Sri G. Satyanarayana, Asst. Prof

Smt.P. Naga Deepthi Asst. Prof

Sri V. Shariff, Asst. Prof

Smt K. Swathi, Asst. Prof

Sri K. Sreenu, Asst. Prof

Dr. B. Madava Rao, Assoc. Prof

Sri CH. Srinivas, Asst. Prof

A Five day Faculty Development Program on **"CLOUD TECHNOLOGY"**

22-02-2021 to 26-02-2021

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. 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:

Block chain is an emerging platform for developing decentralized applications and data storage, over and beyond its role as a platform for crypto currencies. Block chain is a growing list of records, called blocks, which are linked using cryptography to keep exchanges secure. Block chain provides a decentralized database, or "digital ledger", of transactions that everyone on the network can see. This technology is implemented in various real – time applications. Crypto currencies, in particular the first and well -known Bitcoin and others such as Ethereum are canonical examples of Block chain paradigms.

This FDP will provide a basic understanding of all the above aspects of block chain technology. It will provide a comprehensive understanding on the contemporary cryptographic approaches and their utilization in block chain applications that will help faculty to also pursue application development and research in this direction.

Resource Person:

Smt. T. Usharani , Asst. Professor.

Eluru College 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: 1050/-.

Form for Registration:

Note: Last date for registration is 15-02-2021.



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 JNTU, KAKINADA
www.sircrengg.ac.in

Attendance List of Participants

Name of the Department : CSE
 Name of the Programme : Cloud technology
 Dates of the Programme : 22/02/2021 to 26/02/2021.

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt: 22/2	Dt: 23/2	Dt: 24/2	Dt: 25/2	Dt: 26/2
1.	J.S.V.G. Krishna	CSE	JSV	JSV	JSV	JSV	JSV
2.	K. Anil choudary	CSE	Anil	Anil	Anil	Anil	Anil
3.	Dr.N. Deepak	CSE	N	N	N	N	N
4.	DR.M. Krishna	CSE	M	M	M	M	M
5.	DR.G. Nirmala	CSE	G	G	G	G	G
6.	Y.L.S. Rani	CSE	Y.L.S.Rani	Y.L.S.Rani	Y.L.S.Rani	Y.L.S.Rani	Y.L.S.Rani
7.	K. Chaitanya Deepthi	CSE	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi
8.	K.V.Raj Kumar	CSE	K.Raj Kumar	K.Raj Kumar	K.Raj Kumar	K.Raj Kumar	K.Raj Kumar
9.	R.S.K. Chaitanya	CSE	Chaitanya	Chaitanya	Chaitanya	Chaitanya	Chaitanya
10.	Ch. Rama devi	CSE	Rama	Rama	Rama	Rama	Rama
11.	K.N. Madhavi Latha	CSE	Madhavi	Madhavi	Madhavi	Madhavi	Madhavi
12.	K. Sreeni	CSE	Sreeni	Sreeni	Sreeni	Sreeni	Sreeni
13.	S.V.S. Kumar	CSE	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar	S.V.S.Kumar
14.	V.V. Deepthi. D.	CSE	V.V. Deepthi	V.V. Deepthi	V.V. Deepthi	V.V. Deepthi	V.V. Deepthi
15.	K. Swathi	CSE	Swathi	Swathi	Swathi	Swathi	Swathi
16.	P. Naga Deepthi	CSE	P. Deepthi	P. Deepthi	P. Deepthi	P. Deepthi	P. Deepthi
17.	B.H. Benny	CSE	Benny	Benny	Benny	Benny	Benny
18.	G. Satyanarayana	CSE	Satya	Satya	Satya	Satya	Satya
19.	V. Shariff	CSE	Shariff	Shariff	Shariff	Shariff	Shariff
20.	M. Madhava Rao	CSE	Madhava	Madhava	Madhava	Madhava	Madhava
21.	V. Pranav	CSE	Pranav	Pranav	Pranav	Pranav	Pranav
22.	M. Ganesh Babu	CSE	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
23.	G. Satyanarayana	CSE	Satya	Satya	Satya	Satya	Satya
24.	Pr.B. Madhav Rao	CSE	Madhav	Madhav	Madhav	Madhav	Madhav
25.	B. Rama Lakshmi	CSE	Rama	Rama	Rama	Rama	Rama
26.	Ch. Srinivas	CSE	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
27.	T.K. Mani Kumar	CSE	Mani	Mani	Mani	Mani	Mani
28.	S. Jaya Prakash.	CSE	Jaya	Jaya	Jaya	Jaya	Jaya
29.	S.M. Choudary	CSE	Choudary	Choudary	Choudary	Choudary	Choudary
30.	Lella Srinivas	CSE	Lella Srinivas	Srinivas	Srinivas	Srinivas	Srinivas

**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON
CLOUD TECHNOLOGY FROM 22-02-2021 TO 26-02-2021**

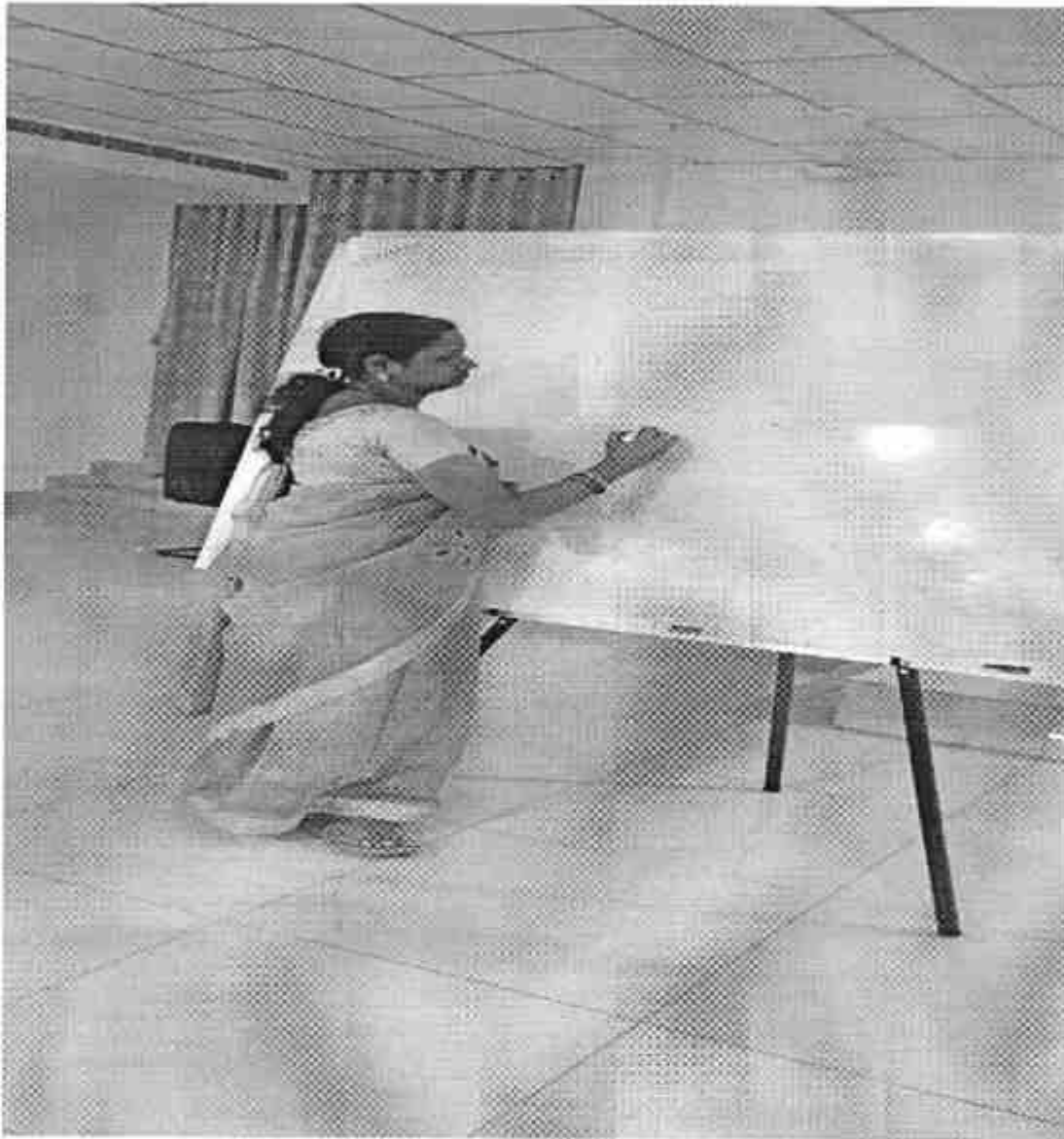
The faculty development programme started on 22nd February 2021 at 9:00 am with Jyothi Prajwalana. There were 5 external participants from different colleges and institutes and around 38 participants are attended this FDP.

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.



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.P.Chaitanya, Asst. Professor, Eluru College of Engineering. She also gave a glimpse of the activities going on in various locations on Cloud Technology. Introduction to the FDP and highlights of Cloud Technology by Smt.P.Chaitanya, thereafter, the message from Honourable Founder President was read out by Sri K.Rambabu garu. The programme progressed with the inaugural lecture at 9:30 am by Smt.P.Chaitanya garu in which she mainly focused on the material research going on in Cloud Technology. She also played a video on the activities in Cloud Technology at various locations. The next speaker was Prof. Dr. A. Yesubabu, Head of the Department of Computer Science and Engineering in Sir C R Reddy College of Engineering. He mainly talked about the research in the area of Cloud Technology which was followed by a brain storming session.



Addressing all the Participants of FDP by Smt.P.Chaitanya

The second day started off with the lecture by Smt.P.Chaitanya on Cloud Technology and Evolution to find out where Cloud services are applied in Cloud Technology followed by various Cloud storage providers that provide unlimited free cloud storage spaces, minimizing the limited spaces available on CDs, DVDs and pen drives, how Cloud Technology works. In the afternoon session there was an industrial visit.

Dr. A. Yesubabu felicitated Dr. M.Krishna after the lunch break; he mainly talked about his research in the area of Software Engineering and shared his research experience. The next lecture was given by Dr. N. Deepak Associate Professor in Sir C R Reddy College of Engineering in which he 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 Deploying python on Amazon Web services. 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 shared their experiences and talked about their enriching experience at the FDP. Thereafter Prof. Dr. A.Yesubabu, gave his concluding remarks and distributed the certificates to the external participants. At the end Prof. Dr. M. Krishna gave the vote of thanks and concluded the five days faculty development programme.



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Dr. M. KRISHNA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

J.S.V.G. KRISHNA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**

HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K. ANIL CHOWDARY

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Dr. G. NIRMALA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Dr. N. DEEPAK

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K.N.MADHAVI LATHA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

DR. B. MADHAV RAO

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

SMB CHOWDARY

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K. SREENU

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K. CHAITANYA DEEPTHI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Y.L.S. RANI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

M. GANESH BABU

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

GT. SATYA NARAYANA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

B.H. BENNY

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

Ch. RAMA DEVI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

R.S.K. CHAITANYA

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

S.V.S. KUMAR

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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 SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

M. MADHAVA RAO

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

V. SHARIF

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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 . D

From SIR. CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

V. PRANAV

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K. SWATHI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


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PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

CH. SRINIVAS

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

T.K. MANI KUMAR

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

B.RAMA LAKSHMI

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

S. JAYA PRAKASH

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR CR REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

THIS IS TO CERTIFY THAT

K.V. RAJ KUMAR

From SIR CR REDDY COLLEGE OF ENGINEERING has successfully completed
Faculty Development Program on **CLOUD TECHNOLOGY** at Sir C R Reddy College Of
Engineering in CSE Department from **22-02-2021 TO 26-02-2021**


HEAD OF THE DEPARTMENT


PRINCIPAL



SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NOTICE

Date: 08-02-2021

It is to inform all the Non-Teaching staff members that "A 1-day Skill Development Program on **"Photoshop"** is going to be organized on **25-02-2021**. Hence all the interested Non-Teaching staff members are advised to participate in this program and get benefited

Principal

Sir C R Reddy College of Engineering
Eluru

REPORT ON SKILL DEVELOPMENT PROGRAMME ON

PHOTOSHOP ON 25-02-2021

The Skill development programme started on 25th February 2021 at 9:00 am with Jyothi Prajwalana. There were 14 internal participants from different departments of our college who have attended this SDP.

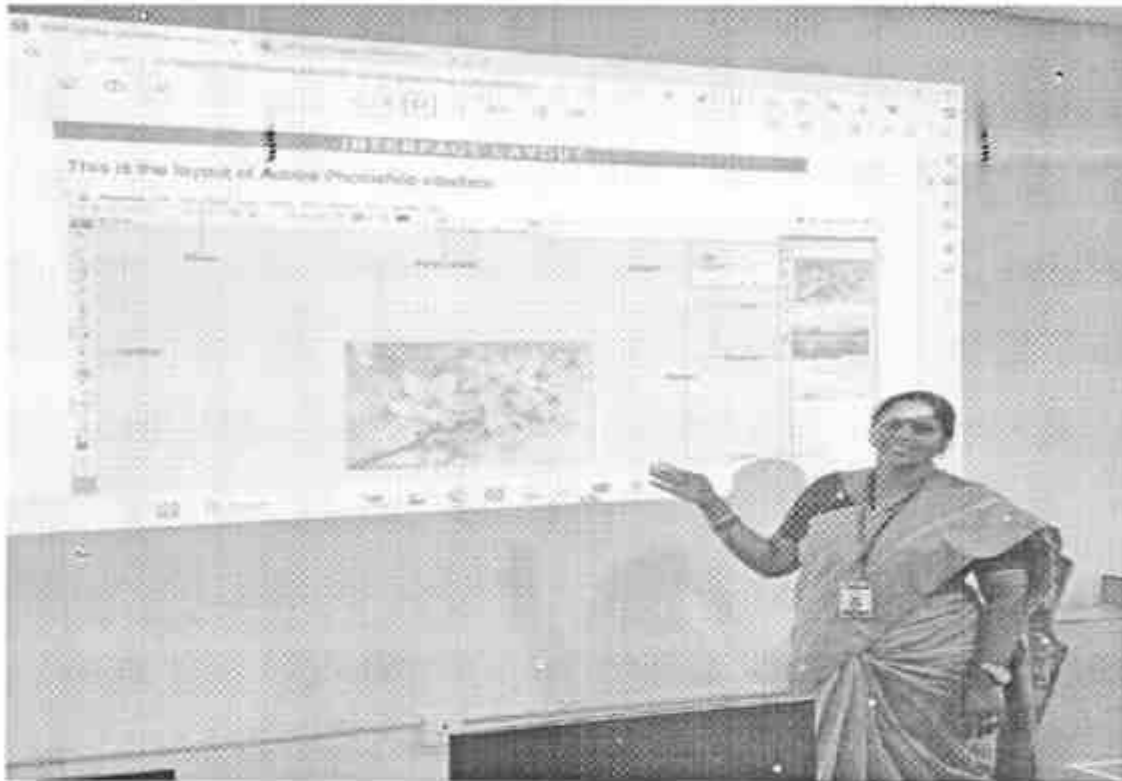
The dignitaries on the stage were Mr. Kommareddy Rambabu garu, President of Sir C R R Educational Institutions and Correspondent of Sir C R Reddy College of Engineering, Mr. N.V.K. Durgarao garu, Secretary of Sir C R R Educational Institutions.



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 Dr.G.Nirmala, Assoc. Professor, Sir C R Reddy College of Engineering. She also gave a glimpse of the activities going on in various locations and the usage of Photoshop in various areas. Introduction to the SDP and the highlights of Photoshop by Dr.G.Nirmala, thereafter, the message from Honourable Founder President was read out by Sri K.Rambabu garu. The programme progressed with the inaugural lecture at 9:30 am by Dr.G.Nirmala garu in which she mainly focused on the basics of Photoshop, usage of Photoshop tools & doing some exercises on it. She also played a video on the basic requirements for the installation of Photoshop & its usage on the computer. The next speaker was Prof. Dr. A. Yesubabu, Head of the Department of Computer Science and Engineering, Sir C R Reddy College of Engineering. He mainly talked about the coverage of important

topics on Photoshop & its usage in various places by different types of People which was followed by a brain storming session.



Addressing all the Participants of SDP by Dr.G.Nirmala

The afternoon session started off with the lecture by Dr.G.Nirmala on the applications of Photoshop in various areas in the Real world scenario.

This led to the end of the lecture in the one-day programme. A concluding session followed after the tea break in which participants shared their experiences. Participants shared their experiences and talked about their enriching experience at the SDP. Thereafter Dr. A.Yesubabu, gave his concluding remarks and distributed the certificates to the internal participants. At the end Dr. M. Krishna gave the vote of thanks and concluded the one-day Skill development programme.



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

This is to certify that

G. L. Ganesh Babu

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

M. Sravani

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir CR Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

T S Anand

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

G. Kali Krishna

From SIR C R R College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

A. Yesu babu

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.



HEAD OF THE DEPARTMENT





PRINCIPAL



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

This is to certify that

K. S. Sivisha

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

P. V. Padmavathi

From SIR CR Reddy College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

P. Ruth

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C.R. Reddy College Of Engineering
On 25-02-2021.



HEAD OF THE DEPARTMENT





PRINCIPAL



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

This is to certify that

P. Prathima

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir CRR Reddy College Of Engineering
On 25-02-2021.



HEAD OF THE DEPARTMENT





PRINCIPAL



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

This is to certify that

S. Jaya Rama Krishna

From SIR CR Reddy College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering.
On 25-02-2021.



HEAD OF THE DEPARTMENT





PRINCIPAL



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

This is to certify that

B. Rangamma

From SIR C R R College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

G. Muralidhar Rao

From SIR CRR College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.

HEAD OF THE DEPARTMENT



U/L
PRINCIPAL



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

This is to certify that

D. Leela Kumari

From SIR C R Reddy College of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.



HEAD OF THE DEPARTMENT





PRINCIPAL



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

This is to certify that

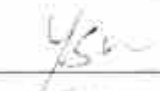
G. Padma

From SIR CR R college of Engineering has successfully completed
Skill Development Program on "Photoshop" at Sir C R Reddy College Of Engineering
On 25-02-2021.



HEAD OF THE DEPARTMENT





PRINCIPAL