

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



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Email: principal.sircrrengg@gmail.com

## List of Full time Teachers Participated in Professional Development Programs

AY:2018-19

S.NO	Name of the full-time Teacher	Designation	Name of the program participated	Date and Duration
1	Dr.R.Harinadha Babu	Professor	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
2	K.Srinivasa Rao	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
3	Konduru.Kiran Kumar	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
4	M.Chandrakanth	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
5	B.Srinivas Rao	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
6	Kuchipudi. Kiran Kumar	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
7	N.S.Poorna Chandra Rao	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
8	K.Dharani	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
9	V.Venkata sujitha	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
10	J.Anupallavi	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
11	G.Komal Raj	Asst. Prof	Chemical Admixtures and Repair of Concrete	09-07-2018 to 13-07-2018

			Structures	
12	Y.Sasidhar	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
13	K.Hanumantha	Asst. Prof	Chemical Admixtures and Repair of Concrete Structures	09-07-2018 to 13-07-2018
14	Dr M Krishna	Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
15	J S V Gopala Krishna	Associate Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
16	K Anil Chowdary	Associate Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
17	Dr. G Nirmala	Associate Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
18	Dr. N Deepak	Associate Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
19	K N Madhavi Latha	Associate Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
20	K Varada Rajkumar	Associate Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
21	S Mohan Babu Chowdary	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
22	Konda Sreenu	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
23	K Chaitanya Deepthi	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
24	Y L Sandhya Rani	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
25	M Ganesh Babu	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
26	G Satyanarayana	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
27	Homer Benny Bandela	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
28	Ch Rama Devi	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
29	R S K Chaitanya	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
30	Samparathi V S Kumar	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018

31	P Naga Deepthi	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
32	V Shariff	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
33	M Madhava Rao	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
34	S Jaya Prakash	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
35	V V Deepthi Donavalli	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
36	V Pranav	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
37	K Swathi	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
38	Ch Srinivas	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
39	T Koti Mani Kumar	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
40	Rama Lakshmi B	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
41	B Madhav Rao	Assistant Professor	FDP on Artificial Intelligence	20-08-2018 to 24-08-2018
42	Dr. K.Lalit Narayan	Professor	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
43	Dr. M. Sri Rama Murthy	Professor	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
44	Sri D.Satyanarayana	Sr.Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
45	Sri K.Sunil Ratna Kumar	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
46	Sri T. Rama Krishna	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
47	Sri E. Venkateswara Rao	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
48	Sri K.V.P.P. Chandu	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
49	Sri Ch. Rama Krishna	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
50	Sri B.V. Subrahmanyam	Asst. Prof	One week FDP on 3D Printing Revolution.	10-09-2018 to 15-09-2018

51	Sri S.V. Gopala Krishna	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
52	Mrs. Ch. Lakshmi Poornima	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
53	Sri L.N.V. Narasimha Rao	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
54	Sri Ch. Chandra Rao	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
55	Sri A. Srinivasa Rao	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
56	Sri E. Srinivas	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
57	Sri A. S. Ganapathi	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
58	Sri V. Naveen Kumar	Asst. Prof	One week FDP on 3D Printing Revolution	10-09-2018 to 15-09-2018
59	Ch Madhava Rao	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
60	H Sudhakar	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
61	D Ajay Kumar	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
62	P.Hareesh	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
63	K J S Lorraine	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
64	CH.Jaya prakash	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
65	V.Surendra babu	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
66	M.Narendrakumar	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
67	G Srilatha	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
68	K.Miranji	Asst Professor	Recent Trends In Electronics And	03-10-2018 to 08-10-2018

			Telecommunications	
69	N.lavanya	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
70	V Vamsi Sudheera	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
71	A Ram Kumar	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
72	R Trinadh	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
73	P Sowmithri	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
74	M.Vamsi krishna allu	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
75	K.lavanya	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
76	Y Greeshma	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
77	V.Swathi	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
78	V.Sunitha	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
79	N.Swathi	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
80	P.Srinivasulu	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
81	Y Bhaskar	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
82	K Radha	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
83	Sk Rahimunisa	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018

84	G Vishnu Vardhan	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
85	V Ranjith Kumar	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
86	K Chandrasekhar	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
87	P Sasi Bala	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
88	S M Venkatesh Babu	Asst Professor	Recent Trends In Electronics And Telecommunications	03-10-2018 to 08-10-2018
89	N.SATEESH	Assistant professor	Fdp On Soft Skills & Life Skills	05-11-2018 to 10-11-2018
90	SK.JAHEERUNNISA BEGUM	Assistant professor	Fdp On Soft Skills & Life Skills	05-11-2018 to 10-11-2018
91	CH.MADHAVI LATHA	Assistant professor	Fdp On Soft Skills & Life Skills	05-11-2018 to 10-11-2018
92	CH.SOWJANYA	Assistant professor	Fdp On Soft Skills & Life Skills	05-11-2018 to 10-11-2018
93	V.SANDEEP	Assistant professor	Fdp On Soft Skills & Life Skills	05-11-2018 to 10-11-2018
94	Dr. Namdeti Bhupesh Kumar	Professor	E-Vehicle Technologies	12-11-2018 to 16-11-2018
95	Gadde Ram Mohan Rao	Assoc. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
96	Dr. Maddipati Veera Kumari	Assoc. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
97	Anantaneni Surya Prakasha Rao	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
98	Tummala Kranthi Kiran	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
99	Nandigam Rama Narayana	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
100	Javangula Ayyappa	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
101	Palety Naga Sowjanya	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
102	Uppuluri Ranjith Kumar	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018

103	Attada Durga Prasad	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
104	A.N.P. Girish Kumar	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
105	Katta Venkatesh	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
106	Bandreddy Sambasiva Rao	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
107	Chaganti Prasanna Lakshmi	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
108	Koyi Kotaiah Chowdary	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
109	Shaik Chanbasha	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
110	Goriparthi Ganesh	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
111	Madduri Siva Naga Lakshmi Narasimha Rao	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
112	Lingamaneni Vamsi Narasimha Rao	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
113	Mesineti Vijaya Raghavendra	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
114	Madire Mallikarjuna Reddy	Asst. Prof	E-Vehicle Technologies	12-11-2018 to 16-11-2018
115	Dr. Shaik Sadik	Associate Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
116	Mr. A. Srinivas	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
117	Mr. B. Kanakaraju	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
118	Mr. S. Sree Rajesh	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
119	Mr. K. Gangadhara Rao	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
120	Mrs. V. Vijaya Lakshmi	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018

121	Mr. V. Vamsi krishna	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
122	Mrs. P. Venkata Vasavi	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
123	Mr. Shake Baji	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
124	Mrs. P. Vijaya Laxmi	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
125	Mrs. P. Anitha Vijaya Sri	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
126	Mrs. M. Durga Ratnam	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
127	Mr. S. Ravi Kumar	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
128	Mr. V. Ravi Kiran	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
129	Mr. M. Veeranjanyulu	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
130	Mrs. D. Ganga Bhavani	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
131	Mrs. Swetha Lanka	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
132	Mrs. D. Chowdeswari	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
133	Mrs. Devi Naga Prasanna B	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
134	Mrs. K.V. Uma Karuna Devi	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
135	Mr. M. Anand Kumar	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
136	Mrs. B. Vijaya Komali	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018



137	Mr. R. Pavan Kumar	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
138	Mrs. Syed Zareena	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
139	Mrs. Sushma Patnaik	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
140	Mrs.V. Pushpalatha	Asst Professor	Recent Trends In Instructional Design And Delivery System	03-12-2018 to 07-12-2018
141	Dr S Krishna Rao	Professor	A 5-Day Faculty Development Program on Java	21-01-2019 to 25-01-2019
142	Dr K Satyanarayana	Assoc Professor	A 5-Day Faculty Development Program on Java	21-01-2019 to 25-01-2019
143	N Prasad	Asst Professor	A 5-Day Faculty Development Program on Java	21-01-2019 to 25-01-2019
144	D Srinivas Rao	Asst Professor	A 5-Day Faculty Development Program on Java	21-01-2019 to 25-01-2019
145	G Vihari	Asst Professor	A 5-Day Faculty Development Program on Java	21-01-2019 to 25-01-2019
146	Sk Meeravalli	Asst Professor	A 5-Day Faculty Development Program on Java	21-01-2019 to 25-01-2019

**List of Non-Teaching staff participated in Skill Development Program**

**AY:2018-19**

S.NO	Name of the Staff	Designation	Name of the Program	Date and Duration
1	T. S. Anand	Junior Assistant	Safety Measures in Laboratories	22-08-2018
2	G. L. Ganesh Babu	Computer Operator	Safety Measures in Laboratories	22-08-2018
3	S. Jaya Rama Krishna	Technician	Safety Measures in Laboratories	22-08-2018
4	P. Pratima	Technician	Safety Measures in Laboratories	22-08-2018
5	B.Rangamma	Technician	Safety Measures in Laboratories	22-08-2018
6	M. Sravani	Junior Assistant	Safety Measures in Laboratories	22-08-2018

7	K. S. Sirisha	Junior Programmer	Safety Measures in Laboratories	22-08-2018
8	P. Ruth	Technician	Safety Measures in Laboratories	22-08-2018
9	P. V. Padmavathi	Junior Assistant	Safety Measures in Laboratories	22-08-2018
10	A. Yesubabu	Programmer	Safety Measures in Laboratories	22-08-2018
11	D. Leela Kumari	Junior Programmer	Safety Measures in Laboratories	22-08-2018
12	G. Kali Krishna	Hardware Technician	Safety Measures in Laboratories	22-08-2018
13	G. Muralidhara Rao	Junior Assistant	Safety Measures in Laboratories	22-08-2018
14	G. Padma	Junior Assistant	Safety Measures in Laboratories	22-08-2018

  
IQAC



  
PRINCIPAL

Principal  
S R Reddy College of Engineering  
ELURU - 534 007



**SIR C R REDDY COLLEGE OF ENGINEERING**

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

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

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**DEPARTMENT OF CIVIL ENGINEERING**

Date: 25-06-2018

**CIRCULAR**

We are Pleased to inform that the Civil Engineering Department is conducting a Five-Day Faculty Development Program on "Chemical Admixtures & Repair of Concrete Structures" will be Scheduled from 09-07-2018 to 13-07-2018 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  
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Website: [www.sircrrengg.ac.in](http://www.sircrrengg.ac.in)

### **Day wise schedule of FDP on “Chemical Admixtures & Repair of Concrete Structures”**

<b>Date</b>	<b>Forenoon (9:30-12:30)</b>	<b>Afternoon (01:00-03:00)</b>
09-07-2018	Integration of Chemical Admixtures & Repair of Concrete Structures. <b>Dr. Chenna Rajaram</b>	Mix Design of Concrete. <b>Dr. Chenna Rajaram</b>
10-07-2018	Uses of Chemical Admixtures & Repair of Concrete Structures. <b>Dr. Chenna Rajaram</b>	Different types of Admixtures. <b>Dr. Chenna Rajaram</b>
11-07-2018	Materials used for Repair of Concrete Structures. <b>Dr. Chenna Rajaram</b>	Methods of Repair of Concrete. <b>Dr. Chenna Rajaram</b>
12-07-2018	Introduction about Chemical Admixtures. <b>M. Chandra Kanth</b>	Merits & Demerits of Chemical Admixtures. <b>M. Chandra Kanth</b>
13-07-2018	About Repair of Concrete Structures. <b>M. Chandra Kanth</b>	Applications of Chemical Admixtures. <b>M. Chandra Kanth</b>

**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  
**“CHEMICAL ADMIXTURES & REPAIR OF  
CONCRETE STRUCTURES”**  
(09-07-2018 to 13-07-2018)

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 **“CHEMICAL ADMIXTURES &  
REPAIR OF CONCRETE STRUCTURES”** at Sir  
C R Reddy College of Engineering, Eluru from  
09-07-2018 to 13-07-2018.

Place:

Date:

Signature

**CO-ORDINATING COMMITTEE**

Chief Patrons:

Sri N.DurgaRao, Secretary  
Sri Kommareddy Rambabu, 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](mailto:errcivil@gmail.com)

Co-Ordinator: Mr. M. Chandra Kanth

Asst Prof., Department of Civil

Ph: +91 9666616999

E-mail: [mandava.chandrakanth@gmail.com](mailto:mandava.chandrakanth@gmail.com)

Organizing Committee:

Dr. R. Harinadha Babu, Professor  
Sri. K. Srinivasa Rao, Asst Professor  
Sri. N.S.Poornachandra Rao, Asst Prof  
Smt. K. Dharani Asst Prof  
Sri. Abdul Moin, Asst Prof  
Sri. A. Surya Manikantha, Asst Prof  
Smt.V.Venkata Sujitha, Asst Prof  
Smt. J. Anupallavi, Asst Prof  
Sri. Y. Sasidhar, Asst Prof  
Sri. B. Ranjith Kumar, Asst Prof

**A Five day Faculty Development Program on  
“CHEMICAL ADMIXTURES & REPAIR OF  
CONCRETE STRUCTURES”**

**09-07-2018 to 13-07-2018**

Organized by Department of  
Civil Engineering



**SIR C R REDDY COLLEGE OF  
ENGINEERING**

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

## ABOUT THE INSTITUTE

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

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

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

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

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

## ABOUT THE DEPARTMENT

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

### About the FDP:

Chemical admixtures are essential components in the repair of concrete structures, offering a range of benefits to enhance performance and durability. These additives modify various properties of concrete, such as workability, strength development, and resistance to environmental factors. In repair applications, admixtures like plasticizers, accelerators, and corrosion inhibitors play critical roles in improving workability, speeding up setting times, and protecting against corrosion, respectively. Additionally, bonding agents and waterproofing admixtures ensure strong adhesion between old and new concrete and enhance resistance to water ingress, crucial for maintaining the integrity of repaired structures. By leveraging the right chemical admixtures, engineers and contractors can effectively address repair challenges, prolonging the lifespan and functionality of concrete infrastructure. Chemical admixtures play a crucial role in the repair and maintenance of concrete structures.

### Resource Person:

Dr. Chenna Rajaram, Professor.

R.G.M 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: 800 /-.

Form for Registration:

Note: Last date for registration is 27-06-2018.







**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON  
CHEMICAL ADMIXTURES & REPAIR OF CONCRETE STRUCTURES**

**FROM 09-07-2018 to 13-07-2018**

The faculty development programme started on 9th July 2018 at 9:30 am with Dr. Chenna Rajaram. There were external participants from different colleges and institutes and around participants are attending this FDP.

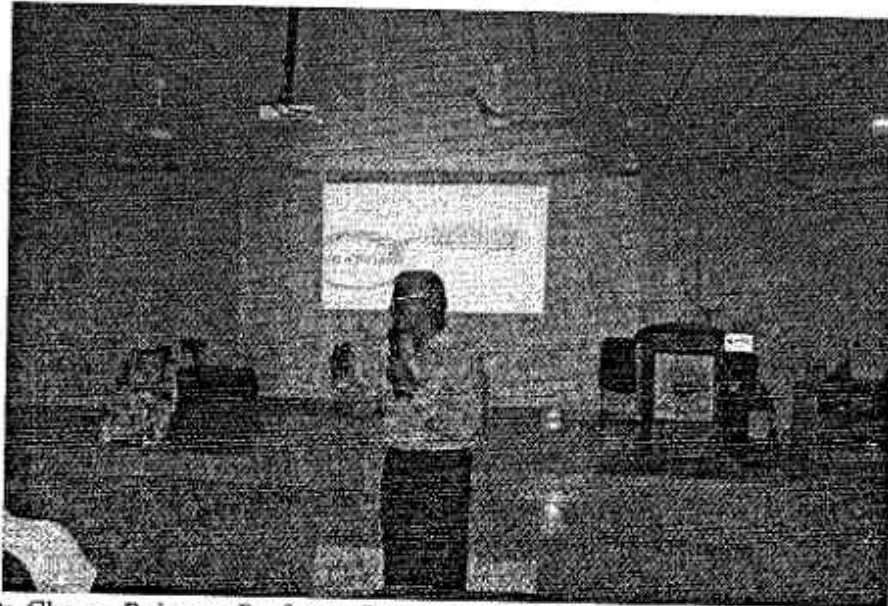
The dignitaries on the stage were Mr. Kommareddy Rambabu garu, President of Sir C R R Educational Institutions and Correspondent of Sir C R Reddy College of Engineering, Mr. N.V.K. Durgarao garu, Secretary of Sir C R R Educational Institutions.

The workshop commenced with an extensive exploration of chemical admixtures, fundamental components in modern concrete construction. Participants were introduced to the diverse array of chemical admixtures, ranging from water-reducing and accelerating to retarding, air-entraining, and specialty admixtures. Through interactive presentations and discussions, attendees gained insights into the intricate functions and historical evolution of these additives, underscoring their indispensable role in optimizing concrete performance and construction efficiency.

Day 2 delved deeper into the nuanced functionalities of accelerating and retarding admixtures, elucidating their mechanisms, benefits, and versatile applications. Comprehensive discussions on the chemical processes behind accelerating admixtures' ability to expedite concrete setting time and enhance early strength development were complemented by practical demonstrations showcasing their efficacy in expedited construction projects. Similarly, thorough examinations of retarding admixtures elucidated their pivotal role in prolonging concrete workability, particularly in high-temperature environments or complex construction scenarios.

The focus shifted to air-entraining and specialty admixtures on Day 3, offering participants an in-depth understanding of their transformative impact on concrete durability and resilience. Through in-depth analyses of air-entraining admixtures' ability to mitigate freeze-thaw damage by introducing microscopic air voids, attendees gained invaluable insights into enhancing concrete's resistance to harsh environmental conditions. Furthermore, discussions on specialty admixtures, including corrosion inhibitors and shrinkage reducers, underscored their critical role in addressing specific challenges encountered in concrete construction, fostering sustainable and long-lasting infrastructure solutions.

Day 4 was dedicated to the vital topic of concrete structure repair, emphasizing the significance of timely interventions in preserving infrastructure integrity. Through comprehensive discussions on common causes of concrete deterioration and an exhaustive review of repair methodologies ranging from surface repairs to structural strengthening, participants gained a holistic understanding of effective repair strategies. Hands-on workshops provided invaluable opportunities for participants to refine their practical skills in concrete repair techniques, ensuring proficiency in executing high-quality repair projects.



Dr. Chenna Rajaram, Professor. R.G.M College of Engineering & Technology

The workshop culminated in an exploration of advanced topics and applications in concrete technology, offering participants a glimpse into the cutting-edge innovations shaping the future of concrete construction. Engaging discussions on emerging trends such as self-consolidating concrete (SCC) and high-performance concrete (HPC) provided attendees with insights into harnessing next-generation materials to achieve superior performance and sustainability goals. Furthermore, deliberations on sustainable concrete practices underscored the imperative of incorporating eco-friendly additives and construction methodologies to mitigate environmental impact and foster resilient infrastructure development.

In conclusion, the Chemical Admixtures & Repair of Concrete Structures workshop provided participants with a comprehensive understanding of the intricate interplay between chemical admixtures, repair techniques, and advanced concrete technologies.



# SIR C R REDDY COLLEGE OF ENGINEERING

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. R. Haninadha Babu of

Sir C.R. Reddy College of Engineering has participated in

A Five Day Faculty Development Program on "**Chemical Admixtures & Repair of Concrete Structures**" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
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)

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. K. Srinivas Rao of

Sir C.R.Reddy college of Engineering has participated in

A Five Day Faculty Development Program on "**Chemical Admixtures & Repair of Concrete**

**Structures**" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
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



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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Konduru Kiran Kumar of

Priyadarshini Institute of Technology & Science has participated in

A Five Day Faculty Development Program on "Chemical Admixtures & Repair of Concrete Structures" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
CONVENOR

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

*[Signature]*  
PRINCIPAL  
*Principal*  
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Eluru-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. M. Chandra Kanth of

Sir C.R. Reddy College of Engineering has participated in

A Five Day Faculty Development Program on "**Chemical Admixtures & Repair of Concrete Structures**" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
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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Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Bandi. Srinivas Rao of

Biyadashini Institute of Technology & Science has participated in

A Five Day Faculty Development Program on "**Chemical Admixtures & Repair of Concrete Structures**" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
CONVENOR

*[Signature]*  
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  
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# SIR C R REDDY COLLEGE OF ENGINEERING

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Kuchipudi, Kiran Kumar of

Biyadarsabai Institute of Technology & Science has participated in

A Five Day Faculty Development Program on "*Chemical Admixtures & Repair of Concrete Structures*" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*MRS*  
CONVENOR

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

*[Signature]*  
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*Principal*  
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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. N.S. Purnachandra Rao of

Sir C.R. Reddy college of Engineering has participated in

A Five Day Faculty Development Program on "*Chemical Admixtures & Repair of Concrete Structures*" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018."

*M.S.*  
CONVENOR

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

*440*  
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Eluru-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr. /Ms. K. Dharani of

Sir C.R. Reddy college of Engineering has participated in

A Five Day Faculty Development Program on "*Chemical Admixtures & Repair of Concrete*

*Structures*" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

M.S.S  
CONVENOR

[Signature]  
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Civil Engineering  
Sir C.R.R. College of Engineering  
ELURU-534007. W G Dist.

[Signature]  
PRINCIPAL  
Principal  
SIR C.R.R. COLLEGE OF ENGINEERING  
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Eluru-534007, West Godavari District, A.P., India

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. V. Venkata Sujatha of

Sir C.R. Reddy College of Engineering has participated in

A Five Day Faculty Development Program on "*Chemical Admixtures & Repair of Concrete*

*Structures*" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

M.S.  
CONVENOR

[Signature]  
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Sir C.R.R. College of Engineering  
ELURU-534007, W & Dist.

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. J. Anu Pallavi of

Sir C. R. Reddy College of Engineering has participated in

A Five Day Faculty Development Program on "**Chemical Admixtures & Repair of Concrete Structures**" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
CONVENOR

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Govathoti. Komal Raj of

Biyadashini Institute of Technology & Science has participated in

A Five Day Faculty Development Program on "*Chemical Admixtures & Repair of Concrete*

*Structures*" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
CONVENOR

*[Signature]*  
HOD-CIVIL  
Head of the Department  
Civil Engineering  
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ELURU-534007. W G Dist.

*[Signature]*  
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Eluru-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Y. Sasidhar of

Sir C. R. Reddy College of Engineering has participated in

A Five Day Faculty Development Program on "*Chemical Admixtures & Repair of Concrete Structures*" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
CONVENOR

*[Signature]*  
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Head of the Department  
Civil Engineering  
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Eluru-534007, West Godavari District, A.P., India

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Kolluri Hanumantha Rao of

Priyadarshini Institute of Technology & Science has participated in

A Five Day Faculty Development Program on "**Chemical Admixtures & Repair of Concrete**

**Structures**" organised by the Department of Civil Engineering during 09-07-2018 to 13-07-2018.

*M.S.*  
CONVENOR

*[Signature]*  
HOD-CIVIL  
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SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**NOTICE**

Date: 01-08-2018

It is to inform all the Department staff members that "A 5-day Faculty Development Program on Artificial Intelligence" is going to be organizing from 20-08-2018 to 24-08-2018. 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: Artificial Intelligence Day wise Schedule Offline in SIR C R REDDY COLLEGE OF ENGINEERING**

20/08/2018	21/08/2018	22/08/2018	23/08/2018	24/08/2018
<b>9.00 AM – 9.30 AM</b>				
Inauguration	<b>9.30 AM – 11.00 AM</b>	<b>9.30 AM – 11.00 AM</b>	<b>9.30 AM – 11.00 AM</b>	<b>9.30 AM – 11.00 AM</b>
<b>9.30 AM – 11.00 PM</b>	Introduction To Machine Learning Machine Learning Categories	A revolution in Artificial Intelligence Limitations of Machine Learning	Introduction to Neural Networks Neural Network Architecture	How to compose Models in Keras Sequential Composition Functional Composition Predefined Neural Network Layers
Introduction To AI History and Evolution				
<b>11.00 AM – 01.00 PM</b>	<b>11.00 AM – 01.00 PM</b>	<b>11.00 AM – 01.00 PM</b>	<b>11.00 AM – 01.00 PM</b>	<b>11.00 AM – 01.00 PM</b>
Artificial Intelligence Evolution Find out where Machine Learning is applied in Technology and Science	Machine Learning Python Packages	What is Deep Learning? Advantage of Deep Learning over Machine learning How Deep Learning Works?	The MNIST Dataset Coding MNIST NN	<b>INDUSTRIAL VISIT</b>
<b>01.00 PM - 02.00 PM</b>	<b>01.00 PM - 02.00 PM</b>	<b>01.00 PM - 02.00 PM</b>	<b>01.00 PM - 02.00 PM</b>	<b>01.00 PM - 02.00 PM</b>
LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
<b>02.00 PM – 3.00 PM</b>	<b>02.00 PM – 3.00 PM</b>	<b>02.00 PM – 3.00 PM</b>	<b>02.00 PM – 3.00 PM</b>	<b>02.00 PM – 3.00 PM</b>
Article Discussion	Article Discussion	Article Discussion	Article Discussion	MCQ, FEEDBACK & INTERACTION
<b>03.00 PM – 5.30 PM</b>	<b>03.00 PM – 5.30 PM</b>	<b>03.00 PM – 5.30 PM</b>	<b>03.00 PM – 5.30 PM</b>	<b>03.00 PM – 5.30 PM</b>
Hands-on exercises	Hands-on exercises	Hands-on exercises	Hands-on exercises	<b>VALIEDICTORY</b>

## 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 **"ARTIFICIAL INTELLIGENCE"**  
(20-08-2018 to 24-08-2018)

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 **"ARTIFICIAL INTELLIGENCE"** at Sir  
C R Reddy College of Engineering, Eluru from 20-08-  
2018 to 24-08-2018

Place:

Date:

Signature

### CO-ORDINATING COMMITTEE

Chief Patrons:

Sri N.DurgaRao, Secretary  
Sri Kommareddy Rambabu, 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 M. Ganesh Babu, Asst. Prof

Sri BH. Benny, Asst. Prof

Sri K. Sreenu, Asst. Prof

Sri B. Madava Rao, Asst. Prof

Sri T Koti Mani Kumar, Asst. Prof

### A Five day Faculty Development Program on **"ARTIFICIAL INTELLIGENCE"**

20-08-2018 to 24-08-2018

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:

The need for Artificial Intelligence (AI) in the field of engineering is growing rapidly. With advancements in AI technology, engineers are now able to develop and deploy intelligent systems that can automate processes, improve decision-making, and enhance overall efficiency. There is a growing demand for trained experts in the area of AI/ML to keep pace with the field's innovations. The FDP focuses on the understanding basic concepts of AI, its techniques and algorithms. This FDP is aimed at imparting knowledge and training on the fundamentals and advancements of artificial intelligence and machine learning in healthcare and agriculture. This program will be beneficial to faculty members, research scholars, PG students who intend to pursue research in the field of processing and analysis of data using techniques such as Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL) for Healthcare and Agriculture.

### Resource Person:

Smt. V. Anjani, Asst. Professor.

VNB & AGK 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 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 14-08-2018.



**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](http://www.sircrrengg.ac.in)

**Attendance List of Participants**

Name of the Department : CSE  
 Name of the Programme : Artificial Intelligence  
 Dates of the Programme : 20-08-2018 to 24-08-2018

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt: 20/8	Dt: 21/8	Dt: 22/8	Dt: 23/8	Dt: 24/8
1)	D. M. Krishna	CSE	M	M	M	M	M
2)	J.S.V.G. Krishna	CSE	JSV	JSV	JSV	JSV	JSV
3)	K. Anil choudary	CSE	Anil	Anil	Anil	Anil	Anil
4)	DR. G. Nirmala	CSE	Gn	Gn	Gn	Gn	Gn
5)	DR. N. Deepak	CSE	NDeepak	NDeepak	NDeepak	NDeepak	NDeepak
6)	S.M.B. Choudary	CSE	SMB	SMB	SMB	SMB	SMB
7)	Konda Sreenu	CSE	Konda	Konda	Konda	Konda	Konda
8)	K.N. MadhaviLatha	CSE	KNL	KNL	KNL	KNL	KNL
9)	K. chaitanya Deepthi	CSE	Deepthi	Deepthi	Deepthi	Deepthi	Deepthi
10)	Y.L.S. Rani	CSE	YLSRani	YLSRani	YLSRani	YLSRani	YLSRani
11)	K. Varada Raj Kumar	CSE	KVRKumar	KVRKumar	KVRKumar	KVRKumar	KVRKumar
12)	M. Ganesesh Babu	CSE	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh
13)	G. Satyanarayana	CSE	G	G	G	G	G
14)	B. Harsh Benny	CSE	BHB	BHB	BHB	BHB	BHB
15)	Ch. Ramadevi	CSE	ChR	ChR	ChR	ChR	ChR
16)	R.S.K. chaitanya	CSE	ChR	ChR	ChR	ChR	ChR
17)	SVS Kumar	CSE	SVSKumar	SVSKumar	SVSKumar	SVSKumar	SVSKumar
18)	P. Naga Deepthi	CSE	PDeepthi	PDeepthi	PDeepthi	PDeepthi	PDeepthi
19)	M. Madhava Rao	CSE	M	M	M	M	M
20)	V. Shariff	CSE	VShariff	VShariff	VShariff	VShariff	VShariff
21)	D.V.V. Deepthi	CSE	DVV	DVV	DVV	DVV	DVV
22)	V. Praman	CSE	VPraman	VPraman	VPraman	VPraman	VPraman
23)	K. Swathi	CSE	KSwathi	KSwathi	KSwathi	KSwathi	KSwathi
24)	S. Jayaprakash	CSE	SJayaprakash	SJayaprakash	SJayaprakash	SJayaprakash	SJayaprakash
25)	Ch. Srinivas	CSE	ChS	ChS	ChS	ChS	ChS
26)	T. Koti Mari Kumar	CSE	TMK	TMK	TMK	TMK	TMK
27)	B. Rama Lakshmi	CSE	BRL	BRL	BRL	BRL	BRL
28)	B. Madhav Rao	CSE	BMR	BMR	BMR	BMR	BMR
29)	D. Ramanayulu	CSE	DR	DR	DR	DR	DR
30)	B. Divakar	CSE	BDivakar	BDivakar	BDivakar	BDivakar	BDivakar



## **REPORT ON FACULTY DEVELOPMENT PROGRAMME ON ARTIFICIAL INTELLIGENCE FROM 20-08-2018 TO 24-08-2018**

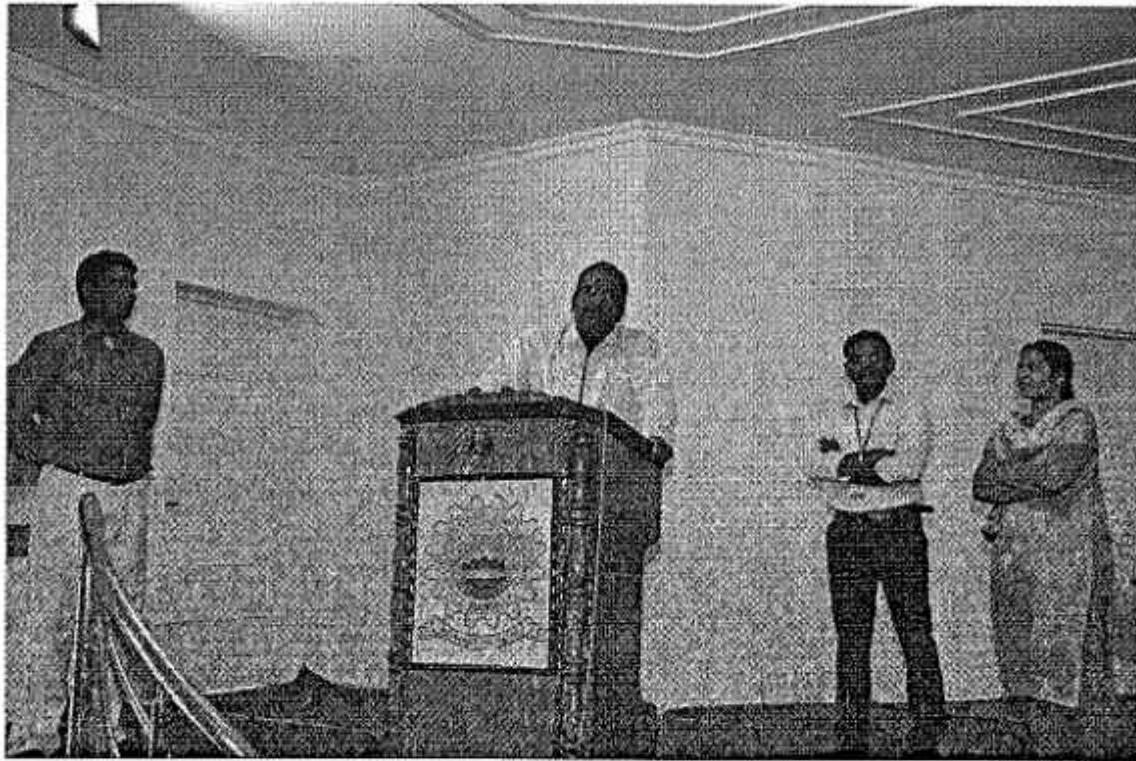
The Faculty development programme started on 20th August 2018 at 9:00 am with Jyothi Prajwalana. There were 5 external participants from different colleges and institutes and around 33 participants have attended this FDP.

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 Reddy Educational Institutions.



**Jyothi Prajwalana by Chief Guests for the Inaugural Session of the FDP**

Opening remarks for the FDP were given by Chief Guests, which was followed by an introduction to the programme by Smt.Y.Anjani, Asst. Professor in VNB & AGK College of Engineering. She also gave a glimpse of the activities going on in various locations on Artificial Intelligence. Introduction to the FDP and highlights of AI by Smt.Y.Anjani, 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.Y.Anjani in which she mainly focused on the material research going on in Artificial Intelligence. She also played a video on the activities in AI at various locations. The next speaker was Prof. Dr. A.Yesubabu garu, Head of the Department of Computer Science and Engineering, Sir C R Reddy College of Engineering. He mainly talked about the research in the area of Artificial Intelligence which was followed by a brain storming session.



**Addressing all the Participants who attended the FDP by HoD, CSE Dept.**

The second day started off with the lecture of Smt.Y.Anjani on Artificial Intelligence and Evolution to find out where machine learning is applied in Technology and Science and different packages in Python followed by Deep Learning and its advantages over machine learning, how deep learning works. In the afternoon session there was an industrial visit.

Dr. A.Yesubabu garu felicitated Smt.Dr.G.Nirmala after the lunch break, she mainly talked about her research in the area of Bio – informatics and share her 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 the various Artificial Intelligence techniques and how they are used in Real time Scenario.

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 there were Certificates distribution at the concluding session where most of them talked about their enriching experience at the FDP. Thereafter Prof. Dr. A.Yesubabu garu, gave his concluding remarks and distributed the certificates to the external participants. At the end Prof. Dr. M. Krishna gave the vote of thanks and concluded the five days faculty development programme.



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

This is to certify that

Dr. M. Krishna

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL





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

This is to certify that

Mr. J.S.V. Gopala Krishna

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mr. K. Anil chowdary

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

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

This is to certify that

Dr. G. Nirmala

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

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e/sd

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

This is to certify that

Dr. N. Deepak

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

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e/srj

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

This is to certify that

Mrs. K. N. Madhavi Latha

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



e/sr

PRINCIPAL



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

This is to certify that

Mr. K. varada Raj Kumar

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



efsw

PRINCIPAL



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

This is to certify that

Mr. S. Mohan Babu Chowdary

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

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PRINCIPAL



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

This is to certify that

Mr. Konda Sreenu

From CSE department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL





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

This is to certify that

Mrs. K. Chaitanya Deepthi

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



e/sr

PRINCIPAL



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

This is to certify that

Mrs. Y. Leela Sandhya Rani

From CSE Department. has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mr. M. Ganesh Babu

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mr. G. Satyanarayana

From CSE department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



e/sr

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

This is to certify that

Mr. B. Homer Benny

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mrs. Ch. Ramadevi

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mr. R.S.K. Chaitanya

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



e/sr

PRINCIPAL



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

This is to certify that

Mr. S.V.S. Kumar

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



CSW

PRINCIPAL





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

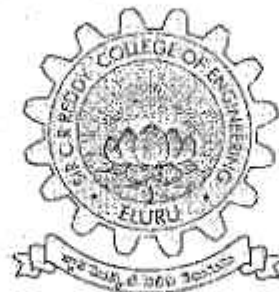
This is to certify that

Mrs. P. Naga Deepthi

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



e/srj

PRINCIPAL



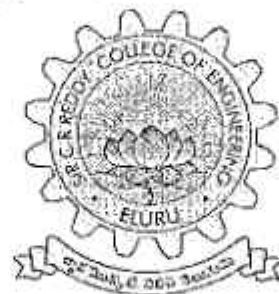
**SIR CR REDDY COLLEGE OF ENGINEERING**  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

Mr. V. Shariff

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mr. M. Madhava Rao

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



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

This is to certify that

Mr. S. Jaya prakash

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

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

This is to certify that

D.V.V. Deepthi

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

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

This is to certify that

Mr. V. Pranav

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M a

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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 CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

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e/sr

PRINCIPAL



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

This is to certify that

Mr. Ch. Srinivas

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



e/sw

PRINCIPAL





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

This is to certify that

Mr. T. Koti Mani Kumar

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



PRINCIPAL



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

This is to certify that

Mrs. B. Ramma Lakshmi

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

M

HEAD OF THE DEPARTMENT



e/sw

PRINCIPAL



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

This is to certify that

Mr. B. Madhava Rao

From CSE Department has successfully completed  
Faculty Development Program on **Artificial Intelligence** at Sir C R Reddy College  
Of Engineering in CSE Department from 20-08-2018 To 24-08-2018.

HEAD OF THE DEPARTMENT



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**SIR C R REDDY COLLEGE OF ENGINEERING**

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

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

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


**DEPARTMENT OF MECHANICAL ENGINEERING**

Date: 29-08-2018

**CIRCULAR**

We are Pleased to inform that all the faculty of Mechanical Engineering Department is conducting a Six-Day Faculty Development Programme on "3D Printing Revolution" will be Scheduled from 10-09-2018 to 15-09-2018 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  
(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)  
Telephone No: 08812-230840, 230565, Fax: 08812-224193  
Website: [www.sircrrengg.ac.in](http://www.sircrrengg.ac.in)

### Day wise schedule of FDP on "The 3D Printing Revolution"

Date	Slot-1 (09:30-11:00)	Slot-2 (01:00-02:00)
10/09/2018	Introduction to 3D Printing SK Saleem	Interaction with speaker
11/09/2018	Demonstration of 3D printing machine SK Saleem	Interaction with speaker
12/09/2018	Working of 3D printing machine SK Saleem	Interaction with speaker
13/09/2018	Why 3D printing is revolutionary? T Rama Krishna	Interaction with speaker
14/09/2018	Applications and usage of metals in 3D printing T Rama Krishna	Interaction with speaker
15/09/2018	Teaching practice session on 3D printing of components T Rama Krishna	Interaction with speaker

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/-

Research Scholars -Rs.1500/-

Participants from Industry/R&D- Rs. 2000/-

**IMPORTANT DATES**

Last date for Registration: 08.09.2018

DD in favor of "The Principal,

Sir CRR College of Engineering"

Payable at Eluru can be sent to the Coordinator of the  
FDP

**Chief Patrons**

Sri Kommareddy Rambabu, President

Sir CRR Educational Institutions

**Patrons**

Dr. V.V. Bala Krishna Rao, Vice-President

Sri K.Rajendra Vara Prasada Rao, Vice-President

Sri N.V.K.Durga Rao, Secretary

Sri A.V.Subrahmanyam, Joint Secretary

Sri M.D.Ravindranath Choudary, Joint Secretary

Smt M.Padmavalli Devi, Treasurer

**Advisory Committee**

Dr. G.Sambasiva Rao, Principal

**Convener**

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

**Co-ordinators**

Dr. K.Rambabu, Professor

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

**Organizing Committee**

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 Ch.Chandra Rao, Assistant Professor

Sri A.Srinivasa Rao, Assistant Professor

Sri K.Yasoda Sreeram, Assistant Professor

Sri P.S.Amaradth, Assistant Professor

ONE WEEK  
FACULTY DEVELOPMENT PROGRAMME  
ON

**3D PRINTING REVOLUTION**

10<sup>th</sup> – 15<sup>th</sup> September 2018

Organized by:

Department of Mechanical Engineering



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

[www.sircrrengg.ac.in](http://www.sircrrengg.ac.in)

Ph:08812 - 230840, 2300656

#### **ABOUT THE COLLEGE**

Sri 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**

This FDP aims to provide awareness of recent trends in 3D Printing. This programme tends to provide a forum for academic expert, industry experts and research scholars to exchange and share their experiences and innovations about all aspects of 3D Printing.

#### **The objective of this FDP:**

This Course is designed to provide knowledge of product development through various 3D printing techniques. This FDP Will give exposure to the participants about applications of 3D printing in industrial and medical fields. The FDP shall also enable the participants to experience 3D printing techniques, prototype design and development.

#### **Topics Covered: (Theory and Practical Demonstration)**

- Introduction to 3D Printing.
- Materials for 3D printing
- 3d printing of polymer
- 3D printing of Metals
- 3D printing of Shape Memory Alloys
- Applications of 3D printing (Biomedical, Automotive, aerospace)

#### **Resource Persons:**

1. SK. Saleem,  
Assistant Professor,  
Sri Sunflower College of Engineering & Technology
2. T Rama Krishna,  
Assistant Professor,  
Sir C R Reddy College of Engineering .

#### **Venue:**

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

#### **Correspondence:**

Sri P.S.B.Choudary, Associate Professor  
Sri. A.S. Ganapathi Assistant Professor  
Department of Mechanical Engineering  
Eluru-534007.  
Mobile No: +91 - [9966262365](tel:9966262365)  
email id : [vasu.ganapathi598@gmail.com](mailto:vasu.ganapathi598@gmail.com)



Attendance List of Participants

Name of the Department  
 Name of the Programme  
 Dates of Programme

: Mechanical ENGG.  
 : FDP on 3D-Printing revolution  
 : 10-9-2018 - 15-9-2018

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dr. 10/9/18	Dr. 11/9/18	Dr. 12/9/18	Dr. 13/9/18	Dr. 14/9/18	Dr. 15/9/18
1	Ch. Chandra Rao	Mech	Ch	Ch	Ch	Ch	Ch	Ch
2	A.S. Ganapathi	mech	Ag	Ag	Ag	Ag	Ag	Ag
3	De K. Lalitha Nayana	MECH	(KLN)	(KLN)	(KLN)	(KLN)	(KLN)	(KLN)
4	A. Srinivas	mech	a	a	a	a	a	a
5	D. M. Sri Lakshmi	MECH	DL	DL	DL	DL	DL	DL
6	E. Venkatasubrahmanyam	Mech.	E	E	E	E	E	E
7	K. V. P. Chandu	Mech	CCP	CCP	CCP	CCP	CCP	CCP
8	L. N. V. Narendhar	Mech	LN	LN	LN	LN	LN	LN
9	M. L. Prasad	MECH	ML	ML	ML	ML	ML	ML
10	T. Rama Krishna	mech	TR	TR	TR	TR	TR	TR
11	B. V. Subrahmanyam	Mech.	B	B	B	B	B	B
12	K. Sunil Kumar	Mech.	K	K	K	K	K	K
13	C. H. Kamakshamma	Mech	CHK	CHK	CHK	CHK	CHK	CHK
14	S. V. Chaitanya Krishna	Mech	SVK	SVK	SVK	SVK	SVK	SVK
15	E. Srinivas	Mech	E	E	E	E	E	E
16	D. Satya Narayana	mech	D	D	D	D	D	D
17	V. Naveen Kumar	Mech	V	V	V	V	V	V
18	D. K. Ravi	mech	D	D	D	D	D	D
19	A. Siva	mech	A	A	A	A	A	A
20	A. Manoj	mech	A	A	A	A	A	A
21	S. SHIVA	mech	S	S	S	S	S	S
22	C. Kiran Kumar	Mech	C	C	C	C	C	C
23								
24								
25								

*(Signature)*  
 Programme Co-ordinator





## 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

### REPORT ON FACULTY DEVELOPMENT PROGRAMME ON "THE 3D PRINTING REVOLUTION"

A 6 days Faculty development programme (FDP-2018) on "The 3D Printing Revolution" was successfully conducted in the Sir C R Reddy College of Engineering campus, on 10th– 15th September 2018 by Mechanical department.

The programme was inaugurated in the morning at the library seminar hall on 10th September 2018 by hands of Dr. G Sambasiva Rao garu (Principal), Dr. K Venkateswara Rao garu (Head of the department), Sri Sk. Saleem (Guest speaker, Sri Sunflower College of Engineering & Technology), Sri T Ramakrishna garu (Guest speaker, Sir C R Reddy College of Engineering). In the inaugural speech, Dr. K Venkateswara Rao garu welcomed the Honorable Speakers. He added that this programme will provide special benefits to the faculty members and also emphasis on the importance of quality in education field. He further shared and highlighted the importance and objectives of organizing faculty development programmes.

On the first three days of the FDP (10th – 12th September) Sri Sk. Saleem garu started his discussion with the very basic concepts of 3D printing and later, he demonstrates the 3D printing machine clearly. He also explains how the 3D printing machine works. Each day afternoon session, an interactive programme is conducted with the guest speaker to interact with each participant.

On the last three days of the FDP (13th – 15th September) Sri T Ramakrishna garu started his discussion on reason, why the 3D printing is revolutionary? And later, discusses about the applications and uses of metals and materials to be used in 3D printing. Last day a teaching practice session on 3D printing of components was done. Each day afternoon session, an interactive programme is conducted with the guest speaker to interact with each participant.

The FDP ended with a feedback session and distributing participating certificates. Sri K. Sunil Ratna Kumar garu proposed vote of thanks to all the participants.




# SIR C R REDDY COLLEGE OF ENGINEERING

(Permenantly Affiliated to JNTUK Kakinada)

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

## Certificate of Participation

This is to certify that Mr. / Ms. Dr. K. LALIT NARAYAN of  
MECH Dept. has participated in the Six Day Faculty Development  
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical  
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India  
from 10-09-2018 to 15-09-2018.

  
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. SRI RAMA MURTHY of  
MECH Dept. has participated in the Six Day Faculty Development  
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical  
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India  
from 10-09-2018 to 15-09-2018.

  
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. D. SATYANARAYANA of  
MECH Dept. has participated in the Six Day Faculty Development  
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical  
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India  
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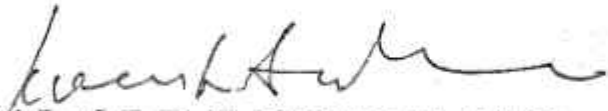
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

## Certificate of Participation

This is to certify that Mr. / Ms. K. SUNIL RATNA KUMAR of  
MECH Dept. has participated in the Six Day Faculty Development  
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical  
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India  
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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This is to certify that Mr. /Ms. E VENKATESWARA RAO of  
MECH Dept. has participated in the Six Day Faculty Development  
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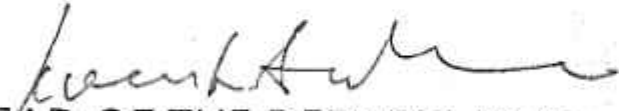
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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This is to certify that Mr. / Ms. K.V.P.P CHANDU of  
MECH Dept. has participated in the Six Day Faculty Development  
Program on "Advanced Trends in Engineering" organised by the Department of Mechanical  
Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India  
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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MECH Dept. has participated in the Six Day Faculty Development  
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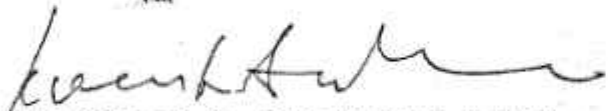
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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This is to certify that Mr. / Ms. B.V SUBRAHMANYAM of  
MECH Dept has participated in the Six Day Faculty Development  
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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MECH Dept. has participated in the Six Day Faculty Development  
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

## Certificate of Participation

This is to certify that Mrs/ Ms. CH. LAKSHMI POORNIMA of  
MECH. Dept. has participated in the Six Day Faculty Development  
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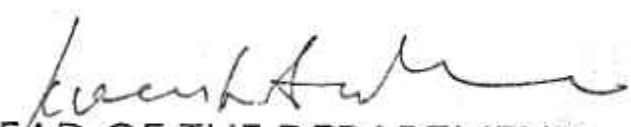
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Vatḷuru, ELURU, West Godavari District, Andhra Pradesh-534007

## Certificate of Participation

This is to certify that Mr. / Ms. L.N.V. NARASIMHA RAO of  
MECH Dept. has participated in the Six Day Faculty Development  
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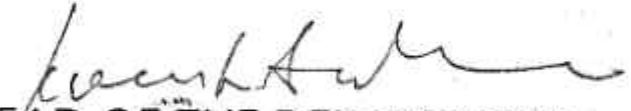
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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This is to certify that Mr. / Ms. A. SRINIVAS of  
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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This is to certify that Mr. / Ms. A.S. GANAPATHI of  
MECH Dept. has participated in the Six Day Faculty Development  
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Engineering, Sir C R Reddy College of Engineering, Eluru, Andhra Pradesh, India  
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Vatluru, ELURU, West Godavari District, Andhra Pradesh-534007

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This is to certify that Mr. /-Ms. V. NAVEEN KUMAR of  
MECH Dept. has participated in the Six Day Faculty Development  
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SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING

NOTICE

Date: 24-9-2018


This is to inform all the staff members that a Faculty development Programme on "Recent Trends in Electronics and Telecommunications" is going to be organised from 3rd to 8th of October 2018. 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.

*P. Hemalatha*  
Co-ordinator

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

**SIR C R REDDY COLLEGE OF ENGINEERING, ELURU-7**  
**ECE FDP Program on Recent Trends in Electronics and Telecommunications-Day wise Schedule**

03/10/2018	04/10/2018	05/10/2018	06/10/2018	07/10/2018	08/10/2018
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	Advanced Techniques in Digital Signal Processing	Advanced Communication Technologies and network	CMOS and embedded System	Recent work on advanced Nano-materials	MEMS energy harvester
Next generation - Optical Communication					
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
Photonics and Optical Switching	Advanced techniques in antenna design	Wireless Communication	Nanotechnology	Growth of thin films and Nano-structure	Fabrication of LED, MEMS, Solar PV module.
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	Hands-on exercises	Hands-on exercises	Hands-on exercises	Hands-on exercises	VALIEDICTORY



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

## SIR C.R.REDDY COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering

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

on

**"Recent Trends**

**in**

**Electronics and Telecommunications "**

(03-10-2018-to 08-10-2018)

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

Mr./Ms./Dr. \_\_\_\_\_ from \_\_\_\_\_

\_\_\_\_\_ is  
hereby permitted to attend the Faculty Development  
Program (FDP) on "Recent Trends in Electronics and  
Telecommunications" at Sir C R Reddy College of  
Engineering, Eluru from 03-10-2018 to 08-10-2018.

Place:

Date:

Signature

### CO-ORDINATING COMMITTEE

Chief Patrons:

Sri N.Durga Rao, Secretary  
Sri Kommareddy Rambabu, 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:

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

Organizing Committee:

Mr. Rapaka Satish, Asst.Professor  
Mr. Karam Lakshmi Naryana, Asst.Professor  
Mr. Vurla Veerraju , Asst.Professor  
Mr. Cheekatla Ravi Kumar, Asst.Professor  
Mr.Chundururu Madhava Rao, Asst.Professor  
Mr. Hundi Sudhakar, Asst.Professor  
Mr. Dharmi Reddy Ajay Kumar, Asst.Professor  
Mr. Panchetti Hareesh, Asst.Professor  
Ms. Kambam Jacobsilva Lorraine, Asst.Professor  
Mr. Chennoju Jaya Prakash, Asst.Professor

A Six day Faculty Development Program on

**"Recent Trends  
in  
Electronics and Telecommunications"**

03-10-2018 to 08-10-2018

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:

Research Activity is the heart of any Technical /Academic Institute. This FDP on "Recent Trends in Electronics and Telecommunication" is to explore various research areas in Electronics and Communication Engineering. The aim of this one week FDP is to train and orient the faculty & students to learn various techniques in Electronics and Communication Engineering in appealing way and will provide a first-rate education that is meaningful in the workplace as well as in graduate education leading to a research and development oriented career. This FDP is intended for faculty members, research scholars & industry personnel who have interest in related research area.

Topics covered:

- Next generation Optical Communication.
- Advanced Techniques in Digital Signal Processing.
- Photonics and Optical Switching.
- Nanotechnology.
- Recent work on advanced Nano-materials.
- Advanced techniques in antenna design.
- CMOS and embedded System.
- Wireless Communication.
- MEMS energy harvester.
- Advanced Communication Technologies and network.
- Fabrication of LED, MEMS, Solar PV module.
- Growth of thin films and Nano-structure.

## Resource Persons:

Dr.Chilka Mahesh  
Senior Manager, CNS,  
Airport Authority of India,  
HIAL, Hyderabad

### 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:** 1000/-

### Form for Registration:

**Note:** Last date for registration is 27-09-2018



**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](http://www.sircrrengg.ac.in)

**Attendance sheet**

Name of the Department : ECE  
 Name of the Programme : "Recent Trends in Electronics and Telecommunications"  
 Dates of Programme : 3/10/2018 to 8/10/2018.

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt:3/10	Dt:4/10	Dt:5/10	Dt:6/10	Dt:7/10	Dt:8/10
1	Mr. CH. Madhava Rao	CRRCOE	Ch	Ch	Ch	Ch	Ch	Ch
2	Mr. H. Sudhakar	CRRCOE	ad	ad	ad	ad	ad	ad
3	Mr. P. Ajay Kumar	CRRCOE	aj	aj	aj	aj	aj	aj
4	Mr. P. Hareesh	CRRCOE	hr	hr	hr	hr	hr	hr
5	Ms. K. J. Lorraine	CRRCOE	Lor	Lor	Lor	Lor	Lor	Lor
6	Mr. CH. Jaya Prakash	CRRCOE	ch	ch	ch	ch	ch	ch
7	Mr. V. Surendra Babu	CRRCOE	sb	sb	sb	sb	sb	sb
8	Mr. M. Narendrakumar	CRRCOE	nk	nk	nk	nk	nk	nk
9	SK. Sahir	PITS	SK.S	SK.S	SK.S	SK.S	SK.S	SK.S
10	Mrs. G. Sri Latha	CRRCOE	sl	sl	sl	sl	sl	sl
11	Mr. K. Miranji	CRRCOE	mk	mk	mk	mk	mk	mk
12	Mrs. N. Lavanya	CRRCOE	lv	lv	lv	lv	lv	lv
13	A. Sama Sekhar	PITS	ASs	ASs	ASs	ASs	ASs	ASs
14	PE Bala Krishna	PITS	P.BK	P.BK	P.BK	P.BK	P.BK	P.BK
15	Mrs. V. Vamsi Sudhara	CRRCOE	vs	vs	vs	vs	vs	vs
16	Mr. A. Ram Kumar	CRRCOE	rk	rk	rk	rk	rk	rk
17	Mr. R. Trinadh	CRRCOE	tr	tr	tr	tr	tr	tr
18	Mrs. P. Sowmithri	CRRCOE	ps	ps	ps	ps	ps	ps
19	Mr. A. M. Vamsi Krishna	CRRCOE	amv	amv	amv	amv	amv	amv
20	Mrs. K. Lavanya	CRRCOE	kl	kl	kl	kl	kl	kl

*S. Hema Latha*  
 Programme Co-ordinator



**SIR C R REDDY COLLEGE OF ENGINEERING, ELURU**  
 West Godavari District., A.P., INDIA  
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[www.sircrrengg.ac.in](http://www.sircrrengg.ac.in)

**Attendance sheet**

Name of the Department : *ECE*  
 Name of the Programme : *"Recent Trends in Electronics and Telecommunications"*  
 Dates of Programme : *3/10/2018 to 8/10/2018.*

S.No	Name	College & Dept.	Day-1	Day-2	Day-3	Day-4	Day-5	Day-6
			Dt: 3/10	Dt: 4/10	Dt: 5/10	Dt: 6/10	Dt: 7/10	Dt: 8/10
21	MRS. Y. GRESHMA	CRRCOE	<i>Q</i>	<i>Q</i>	<i>C</i>	<i>Q</i>	<i>C</i>	-
22	N. Nagalakshmi	PITS	<i>N.O.L</i>	<i>N.O.L</i>	<i>N.O.L</i>	<i>N.O.L</i>	<i>N.O.L</i>	<i>N.O.L</i>
23	MRS. V. SWATHI	CRRCOE	<i>V Swathi</i>	<i>V Swathi</i>	<i>V Swathi</i>	<i>V Swathi</i>	<i>V Swathi</i>	<i>V Swathi</i>
24	MRS. N. SUNITHA	CRRCOE	<i>N. Sunitha</i>	<i>N. Sunitha</i>	<i>N. Sunitha</i>	<i>N. Sunitha</i>	<i>N. Sunitha</i>	<i>N. Sunitha</i>
25	MRS. N. SWATHI	CRRCOE	<i>Swathi</i>	<i>Swathi</i>	<i>Swathi</i>	<i>Swathi</i>	<i>Swathi</i>	<i>Swathi</i>
26	MRS. P. SIVIVASULU	CRRCOE	<i>P.S</i>	<i>P.S</i>	<i>P.S</i>	<i>P.S</i>	<i>P.S</i>	<i>P.S</i>
27	MR. V. B. N. V BHASKAR	CRRCOE	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>	<i>B</i>
28	MRS. K. RADHA	CRRCOE	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
29	MRS. SH. RAHIMUNNISA	CRRCOE	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
30	MR. G. VISHNUVARDHAN	CRRCOE	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>	<i>V</i>
31	MR. V. RANJITH KUMAR	CRRCOE	<i>V.R</i>	<i>V.R</i>	<i>V.R</i>	<i>V.R</i>	<i>V.R</i>	<i>V.R</i>
32	MR. K. CHANDRASEKHAR	CRRCOE	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>
33	MRS. P. SASIBALA	CRRCOE	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>P</i>
34	MR. S. MAHENDRANAGA	CRRCOE	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>	<i>M</i>
35	B. JEEVAN KUMAR	PITS	<i>B.J</i>	<i>B.J</i>	<i>B.J</i>	<i>B.J</i>	<i>B.J</i>	<i>B.J</i>
36								
37								
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40								

*P. Hameeth*  
 Programme Co-ordinator



## Faculty Development Program

on

### Recent Trends in Electronics and Telecommunications

#### Introduction:

The Faculty Development Program titled "Recent Trends in Electronics and Telecommunications" is conducted from 3<sup>rd</sup> to 8<sup>th</sup> of October 2018. The program aimed to update faculty members with the latest advancements, research findings, and industry practices in the field of electronics and telecommunications. It sought to enhance their knowledge, skills, and teaching methodologies to better prepare students for the evolving demands of the industry.

#### Objectives:

1. To familiarize faculty members with recent trends, innovations, and emerging technologies in electronics and telecommunications.
2. To provide insights into current research areas and best practices in the field.
3. To equip faculty members with practical skills and knowledge to integrate recent advancements into their teaching curriculum.
4. To foster collaboration and networking among faculty members, researchers, and industry professionals in the field.



Esteemed speaker Mr. S.Venkateswara Rao

#### Workshop Sessions:

1. Keynote Addresses and Industry Insights: Esteemed speakers from academia and industry delivered keynote addresses, providing an overview of recent trends, challenges, and

opportunities in electronics and telecommunications. Industry representatives shared insights into the application of cutting-edge technologies and industry requirements.

2. Research Presentations and Panel Discussions: Faculty members and researchers presented their work on various topics ranging from wireless communications and embedded systems. Panel discussions facilitated exchanges on research methodologies, findings, and potential collaborations.

3. Hands-on Workshops and Demonstrations: Practical sessions were conducted to familiarize faculty members with the use of advanced tools, software, and equipment in electronics and telecommunications. Participants engaged in hands-on activities, simulations, and demonstrations to gain practical skills applicable to teaching and research.

4. Curriculum Development and Pedagogical Strategies: This session focused on updating curriculum frameworks, course content and teaching methodologies to incorporate recent trends in electronics and telecommunications. Faculty members discussed effective pedagogical strategies, case studies, and project-based learning approaches to enhance student engagement and learning outcomes.

#### Outcome and Impact:

The Faculty Development Program on "Recent Trends in Electronics and Telecommunications" received enthusiastic participation from faculty members, researchers, and industry professionals. Participants gained valuable insights into the latest advancements and research directions in the field, which they could integrate into their teaching and research activities. The program also facilitated networking opportunities and collaborations among participants, fostering a culture of innovation and knowledge exchange.

#### Conclusion:

The Faculty Development Program on "Recent Trends in Electronics and Telecommunications" was successful in achieving its objectives of updating faculty members with recent advancements, fostering collaboration, and enhancing teaching effectiveness in the field. The program served as a platform for sharing knowledge, best practices, and experiences, thereby contributing to the continuous improvement of education and research in electronics and telecommunications within our institution.



# SIR C R REDDY COLLEGE OF ENGINEERING

WEST GODAVARI, ELURU - 534007

Approved by AICTE, New Delhi & Permanently Affiliated to Andhra University  
Affiliated to JNTUK, Kakinada from the academic year 2017-2018

## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. Ch. Madhava Rao

\_\_\_\_\_ has participated in the One week FDP on

**RECENT TRENDS IN ELECTRONICS AND TELECOMMUNICATIONS**

**From 3rd to 8th of October, 2018**

Organised by the Dept. of Electronics & Communication Engineering

*I. Hemalatha*  
Coordinator

*[Signature]*  
Convener

*[Signature]*  
Principal



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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. H. Sudhakar

\_\_\_\_\_ has participated in the One week FDP on

**RECENT TRENDS IN ELECTRONICS AND TELECOMMUNICATIONS**

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Convener

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Principal



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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. D. Ajay Kumar

\_\_\_\_\_ has participated in the One week FDP on

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### OF PARTICIPATION

This certifies that Mr. P. Hareesh

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that MS. K. JACOBSILVER LOXXAINE

\_\_\_\_\_ has participated in the One week FDP on

**RECENT TRENDS IN ELECTRONICS AND TELECOMMUNICATIONS**

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**CERTIFICATE**

**OF PARTICIPATION**

This certifies that Mr. Ch. Jaya Prakash

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. V. Suresh Babu

\_\_\_\_\_ has participated in the One week FDP on

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**CERTIFICATE**

**OF PARTICIPATION**

This certifies that Mrs. G. Sri Latha

\_\_\_\_\_ has participated in the One week FDP on

**RECENT TRENDS IN ELECTRONICS AND TELECOMMUNICATIONS**

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## CERTIFICATE

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This certifies that Mr. K. Mixanji

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mrs. N. Lavanya

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE OF PARTICIPATION

This certifies that Mrs. V. Vamsi Sudheera

has participated in the One week FDP on

**RECENT TRENDS IN ELECTRONICS AND TELECOMMUNICATIONS**  
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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mrs. A. Ram Kumar

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. R. Trinadh

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

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This certifies that Mrs. P. Sowmithra

\_\_\_\_\_ has participated in the One week FDP on

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### OF PARTICIPATION

This certifies that Mrs. V. Suvathi

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mrs. V. Sunitha

has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. P. Srinivasulu

has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. Y. Bala Naga Venkata Bhaskar

\_\_\_\_\_ has participated in the One week FDP on

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**From 3rd to 8th of October, 2018**

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**CERTIFICATE**

**OF PARTICIPATION**

This certifies that Mrs. K. Radha

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mrs. Shaik Rahimunnisha

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. G. Vishnu vardhan

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. V. Ranjith Kumar

\_\_\_\_\_ has participated in the One week FDP on

**RECENT TRENDS IN ELECTRONICS AND TELECOMMUNICATIONS**

**From 3rd to 8th of October, 2018**

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. K. Chandrasekhar

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mrs. P. Sasi Bala

\_\_\_\_\_ has participated in the One week FDP on

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## CERTIFICATE

### OF PARTICIPATION

This certifies that Mr. S. Mahendra Naga Venkatesh Babu

\_\_\_\_\_ has participated in the One week FDP on

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**From 3rd to 8th of October, 2018**

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*I. Hemalatha*  
Coordinator

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Convener

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

**DATE: 22-10-2018**

**CIRCULAR**

This is to inform to all faculty of **SIR CRR COLLEGE OF ENGINEERING**, that a faculty development program on **SOFT SKILLS AND LIFE SKILLS** will be held at library seminar hall from 05-11-2018 TO 10-11-2018. For further details please contact V.Sandeep (coordinator) assistant professor department of management studies.



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

Copy to:

- 1) The correspondent
- 2) The Member, Management Committee, Designated Representative
- 3) All the HODS

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

ELURU-534007, Eluru Dist., A.P., INDIA  
ACCREDITED BY NBA, APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,  
PERMANENTLY AFFILIATED TO JNTUK, KARNATAKA

[www.sircorengg.ac.in](http://www.sircorengg.ac.in)



OFF: (08812) 230840, 230965  
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Email: [principal@sircorengg@gmail.com](mailto:principal@sircorengg@gmail.com)

A Y: 2018-2019

FDP ON "Soft skills and Life skills"

Day wise Schedule

Day 1:

Session 1:

Effective Communication

Interpersonal Relations

Session 2:

Creative Thinking

Critical Thinking

Day 2:

Session 1:

Decision Making

Problem Solving

Session 2:

Negotiation Skills

Business Games

Day 3:

Session 1:

Team Building

Logical Thinking

Session 2:

Analytical Thinking

Judgment Skills

Day 4

Session 1:

Initiation Skills

Group Discussion

Session 2:

In Basket

Management Games

Day 5:

Session 1:

Self- Awareness and Empathy

Coping with stress and emotions

Session 2:

Emotional Intelligence

Achievement Motivation

Day 6:

Session 1:

Going self-awareness self esteem

Making networks

Session 2:

CRP Awareness

## APPLICATION FORM

1. Name
2. Designation
3. Institution
4. Email
5. Mobile Number
6. Educational qualification:
7. Subjects taught so far:
8. No. Of refresher courses/Workshops attended:
9. Experience(In years):
10. Accommodation required : YES /NO

## DECLARATION

The Information Provided Is True As The Best Of My Knowledge. If selected, I Agree to abide by the Rules and regulations.

## ELIGIBILITY:

The program is opened to the faculty of MBA, Engineering College and BBA.

**Registration Fee:** Rs.1200/-

Spot Registration

## ADDRESS FOR CORRESPONDENCE

V.Sandeep,  
Asst. Professor,  
Sir Crr College Of Engineering,  
MBA Dept,  
Vatluru, Eluru.  
Email:  
[crr.vsandeep@gmail.com](mailto:crr.vsandeep@gmail.com)  
Contact: 9441695981

## SPEAKERS OF THIS PROGRAMME

**Dr. Y. Bharathi**  
(Associate Professor)

**Abburi Srinivas**  
(M.A. English, SLET, NET)

**B. Ravi Kanth, Deputy Director**  
(Career Guidance, Geetham College Vizag)

**L. Deepak**  
(Assistant Professor, Department of Political Science, Sir CRR Autonomous College)

**Sister Lavanya**  
(Brahma Kumari's)

**K. Budda Prasad**  
(Asst. Prof, QIS School Of Management, Ongole)



## FACULTY DEVELOPMENT SOFT SKILLS AND LIFE SKILLS

**05-11-2018 TO 10-11-2018**



**Organized by  
Department of MBA**

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

Phone: 08812-230840  
Fax: 08812-224193  
E-Mail: [principal.sircrreng@gmail.com](mailto:principal.sircrreng@gmail.com)  
Website: [www.sircrreng.ac.in](http://www.sircrreng.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:

Effective Communication

Negotiation Skills

Critical Thinking

Decision Making

Analytical Thinking

Judgment Skills

Management Games

Problem-Solving

Team Building

Self Awareness and Empathy

Emotional Intelligence

Taking Challenges



SIR CR REDDY COLLEGE OF ENGINEERING  
ELURU-534007, WEST GODAVARI DISTRICT, ANDHRA  
PRADESH, INDIA  
(Approved by AICTE, New Delhi &  
Permanently affiliated to JNTUK, Kakinada)  
Telephone No: 08812-230840, 230565, Fax: 08812-224193  
Website: [www.sircrrengg.ac.in](http://www.sircrrengg.ac.in)



Dt: 11-11-2018.

## DEPARTMENT OF MANAGEMENT STUDIES

### Program Report

Academic Year: 2018-2019

Name of the Event: Faculty Development Program on "SOFT SKILLS AND LIFE SKILLS"  
from 05-11-2018 to 10-11-2018.



### Program Report: Faculty Development Program on Soft Skills and Life Skills.

#### **Introduction:**

The department of MBA of Sir CR Reddy College of Engineering Conducted Faculty Development Program on Soft Skills and Life Skills. 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 05-11-2018 to 10-11-2018 with an active participation of faculty from different colleges about critical thinking, team building, effective communication, creative thinking, judgement skills.

Faculty Development Program on Soft Skills and Life 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 05-11-2018 to 10-11-2018.

#### **Engagement:**

All the faculty from the different colleges actively participated on the event Faculty Development Program on Soft Skills and Life Skills to the colleges like SIR CR REDDY College of engineering, Ramachandra College of Engineering, Eluru College of Engineering, Vasavi College Engineering and Wise College of Engineering.

#### **Conclusion: -**

The effort of the Department of MBA conducted Faculty Development Program on for Soft Skills and Life Skills 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 Soft Skills and Life Skills.

Sincerely,  
  
Program Coordinator.



SIR C.R.REDDY COLLEGE OF ENGINEERING, ELURU  
P.G.COURSES  
DEPARTMENT OF MANAGEMENT STUDIES  
Attendance Sheet for FDP on SOFT SKILLS AND LIFE SKILLS  
for A.Y 2018-2019 from 05-11-2018 to 10-11-2018

S.NO	Name of the Faculty	Designation	Signatures					
			2018-11-05	2018-11-06	2018-11-07	2018-11-08	2018-11-09	2018-11-10
16	Dr.R.Srinivasa Rao	Assoc.Prof	R.s Rao	R.s Rao	R.s Rao	R.s Rao	R.s Rao	R.s Rao
17	Y.Sowjanya	Asst.Prof	Y.S	Y.S	Y.S	Y.S	Y.S	Y.S
18	G.Ravindra Babu	Asst.Prof	G.Ravindra	G.Ravindra	G.Ravindra	G.Ravindra	G.Ravindra	G.Ravindra
19	A.Sivaji Rao	Asst.Prof	A.Sivaji Rao	A.Sivaji Rao	A.Sivaji Rao	A.Sivaji Rao	A.Sivaji Rao	A.Sivaji Rao
20	K.SubbaRao	Asst.Prof	K.Subba Rao	K.Subba Rao	K.Subba Rao	K.Subba Rao	K.Subba Rao	K.Subba Rao
21	Y.V.R Sateesh Babu	Asst.Prof	Y.V.R.S Babu	Y.V.R.S Babu	Y.V.R.S Babu	Y.V.R.S Babu	Y.V.R.S Babu	Y.V.R.S Babu
22	Sk.Jaheerunnisa Begum	Asst.Prof	Sk.Jaha	Sk.Jaha	Sk.Jaha	Sk.Jaha	Sk.Jaha	Sk.Jaha
23	N.Sateesh	Asst.Prof	Sateesh	Sateesh	Sateesh	Sateesh	Sateesh	Sateesh
24	Ch.Madhavi Latha	Asst.Prof	Ch.Latha	Ch.Latha	Ch.Latha	Ch.Latha	Ch.Latha	Ch.Latha
25	V.Sandeep	Asst.Prof	V.Sandeep	V.Sandeep	V.Sandeep	V.Sandeep	V.Sandeep	V.Sandeep
26	D.Satya Narayana	Asst.Prof	D.S.M	D.S.M	D.S.M	D.S.M	D.S.M	D.S.M
27	Ch.Sowjanya	Asst.Prof	Ch.Sowja	Ch.Sowja	Ch.Sowja	Ch.Sowja	Ch.Sowja	Ch.Sowja
28	D.Naveen Kumar	Asst.Prof	D.Naveen Kumar	D.Naveen Kumar	D.Naveen Kumar	D.Naveen Kumar	D.Naveen Kumar	D.Naveen Kumar
29	Dr.G.V Subbaraju	Assoc.Prof	G.V.Raju	G.V.Raju	G.V.Raju	G.V.Raju	G.V.Raju	G.V.Raju
30	Dr.S Krishnamurthy Naidu	Assoc.Prof	S.K.Naidu	S.K.Naidu	S.K.Naidu	S.K.Naidu	S.K.Naidu	S.K.Naidu
31	A.Srikanth Babu	Assoc.Prof	A.Srikanth Babu	A.Srikanth Babu	A.Srikanth Babu	A.Srikanth Babu	A.Srikanth Babu	A.Srikanth Babu
31	D.Durga Bhavani	Assoc.Prof	D.D.Bhavani	D.D.Bhavani	D.D.Bhavani	D.D.Bhavani	D.D.Bhavani	D.D.Bhavani
32	Sk.Karceem	Assoc.Prof	Sk.Karceem	Sk.Karceem	Sk.Karceem	Sk.Karceem	Sk.Karceem	Sk.Karceem
33	A.Venkateswara Rao	Assoc.Prof	A.V.Rao	A.V.Rao	A.V.Rao	A.V.Rao	A.V.Rao	A.V.Rao

V.Sandeep  
Coordinator

K.Viswanath  
HOD, MBA

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

DEPARTMENT OF MBA

SIR C.R.REDDY COLLEGE OF ENGINEERING

DATE:15/11/2018

*certificate of participation*

This certificate is proudly presented to

*N. Sateesh, Asst. Prof., MBA, Sir C.R.R. College of Engineering*

For actively attending the six days faculty development programme  
on **SOFT SKILLS & LIFE SKILLS** organised by Department of MBA,  
Sir C.R.Reddy college Of Engineering, Eluru from 05/11/2018 to  
**10/11/2018**

*C.K. Choudhary*  
HOD

*V.S.D*  
PRINCIPAL





**DEPARTMENT OF MBA**

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

DATE: 15/11/2018

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10/11/2018

*K.K. Choudhary*  
HOD

*[Signature]*  
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*K. K. Choudhary*  
HOD

*U.S.D.*  
PRINCIPAL

DEPARTMENT OF MBA

SIR C.R.REDDY COLLEGE OF ENGINEERING  
ELURU

DATE:15/11/2018

*certificate of participation*

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*Chi.Sowjanya, Asst. prof., MBA, Sir C.R.R. College of Engineering*

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Sir C.R.Reddy college Of Engineering, Eluru from 05/11/2018 to  
10/11/2018

*Kk choudhary*  
HOD

*VSD*  
PRINCIPAL



# DEPARTMENT OF MBA

## SIR C.R. REDDY COLLEGE OF ENGINEERING

DATE: 15/11/2018

*certificate of participation*

This certificate is proudly presented to

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

For actively attending the six days faculty development programme on **SOFT SKILLS & LIFE SKILLS** organised by Department of MBA, Sir C.R.Reddy college Of Engineering, Eluru from 05/11/2018 to 10/11/2018

*KK Choudhary*  
HOD

*[Signature]*  
PRINCIPAL



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

Approved by AICTE & Affiliated to JNTUK, Kakinada

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**NOTICE**

Date: 01-11-2018

It is to inform all the Department staff members that "A 5-day Faculty Development Program on E-Vehicle Technologies" is going to be organized from 12-11-2018 to 16-11-2018. All the staff members are advised to participate and make this program a success.

HOD

Dept of EEE

Head of the Dept.

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

**FDP Program:  
E-Vehicle Technologies  
Day wise Schedule  
SIR CR REDDY COLLEGE OF ENGINEERING**

Day1 (12/11/2018)	Day2 (13/11/2018)	Day3 (14-11-2018)	Day4 (15-11-2018)	Day5 (16-11-2018)
9:30 – 10:00 Inaugural	—	—	—	—
10:00 – 12.30 Session 1 Battery Management System for electric vehicle	9:30 – 12.30 Session 1 advancements in Electric Motors and Drivetrains	9:30 – 12.30 Session 1 Challenges and Solutions in EV Manufacturing	9:30 – 12.30 Session 1 Coordinated Charging Scheduling of Electric Vehicles	9:30 – 12.30 Session 1 Electric vehicle industry in India: Growth targets
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 Fast Charging Infrastructure Expansion	1:30 – 3:30 Session 2 Materials and Lightweighting	1:30 – 3:30 Session 2 Vehicle Electrification in Public Transportation	1:30 – 3:30 Session 2 Solid-State Batteries for Electric Vehicles	1:30 – 3:30 Session 2 Battery Technologies for EVs
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.B.Srinivasa Rao, V R siddartha Engg college**

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

**Day 3: Session 1 & 2 by Sri S.R. Sagar, Sir C R Reddy College Of Engineering**

**Day 4: Session 1 & 2 by Dr.A. Srinivasa Reddy, Sir C R Reddy College Of Engineering**

**Day 5: Session 1 & 2 by Dr.Ch.Padmanabha Raju, PVP Siddartha Institute of Technology**

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

**SIR C R REDDY COLLEGE OF  
ENGINEERING**

Department of Electrical and Electronics Engineering

**REGISTRATION CUM NOMINATION FORM**

(Photocopies may be used for additional participants)

A Five day Faculty Development Program  
on **"E-Vehicle Technology"**  
(12-11-2018 to 16-11-2018)

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 **"E-Vehicle Technology"** at  
Sir C R Reddy College of Engineering, Eluru  
from 12-11-2018 to 16-11-2018.

**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:**

S. Raghunath Sagar  
Associate 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  
Motepalli Sunil Kumar, Asst. Prof  
Uppuluri Ranjith Kumar, Asst. Prof  
Tata Deepti Prasanna, Asst. Prof  
Attada Durga Prasad, Asst. Prof  
A.N.P. Girish Kumar, Asst. Prof

**A Five day Faculty Development Program**

on

**"E-Vehicle Technology"**

**12-11-2018 to 16-11-2018**

Organized by Department of  
**Electrical and Electronics Engineering**



**SIR C R REDDY COLLEGE OF  
ENGINEERING**

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

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

## ABOUT THE INSTITUTE

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

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

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

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

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

## ABOUT THE DEPARTMENT

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

### About the FDP:

This Five day Faculty Development Program spans a diverse array of topics, empowering educators in the dynamic field of electric vehicles (EVs). In the first segment, participants explore electric vehicle modelling, power electronics and control systems and the applications of cyber security in EV design. The Battery Management Systems (BMS) module covers fundamental battery aspects, BMS architecture, algorithmic controls and diagnostic procedures. The charging infrastructure and Standards module elucidates the latest technologies and industry standards, preparing faculty to guide students in navigating the dynamic landscape of EV charging.

The design and development of electric vehicles have led to a transformative shift in the automotive industry, with improved technology, expanded infrastructure, and changing consumer perceptions contributing to the growing prominence of electric vehicles on roads worldwide. The ongoing commitment to innovation and sustainability is expected to further accelerate the adoption of electric vehicles in the years to come.

## RESOURCE PERSONS:

Dr. B. Srinivasa Rao  
V.R Siddhartha college of engineering  
Vijayawada  
9949646356

Dr. Ch.Padmanabha Raju  
PVPSIT, Vijayawada  
9246400881

**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 1000 /-**

**Form for Registration:**

**Note:** Last date for registration is  
11-11-2018.





**SIR C R REDDY COLLEGE OF ENGINEERING, ELURU**  
 West Godavari District., A.P., INDIA  
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 AFFILIATED TO JNTUK, KAKINADA  
[www.sircrrengg.ac.in](http://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 : **"E-Vehicle Technologies"**  
 Dates of Programme : **12-11-2018 to 16-11-2018**

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
1.	M.SIVA NAGESH WARA RAO	PIT-EEE	A	A	A	A	A
	DR. N. BHUPESH KUMAR	EEE	N.Bhu	N.Bhu	N.Bhu	N.Bhu	N.Bhu
	K. Ravi Kumar	EEE PIT	K.Rk	K.Rk	K.Rk	K.Rk	K.Rk
	Dr.M. Venk kumari	EEE	gk	gk	gk	gk	gk
	A.S. Prakash Rao	EEE	AS	AS	AS	AS	AS
	Nagendra babu Thota	PIT-EEE	T.Na	T.Na	T.Na	T.Na	T.Na
	G. Ravi Kumar	PIT-EEE	GRK	GRK	GRK	GRK	GRK
	V. Suresh Kumar	PIT-EEE	VSK	VSK	VSK	VSK	VSK
	G. Ram Mohan Rao	EEE	GRM	GRM	GRM	GRM	GRM
	P. naga sowjanya	EEE	P.No	P.No	P.No	P.No	P.No
	M. S. N. L. Narasimha Rao	EEE	MSN	MSN	MSN	MSN	MSN
	U. Ranjith Kumar	EEE	U.Rk	U.Rk	U.Rk	U.Rk	U.Rk
	Ch. Prasanna Lakshmi	EEE	ChL	ChL	ChL	ChL	ChL
	G. Ganesh	EEE	Gh	Gh	Gh	Gh	Gh

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

V. V. V.  
 Programme Co-ordinator



**SIR C R REDDY COLLEGE OF ENGINEERING, ELURU**  
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[www.sircrrengg.ac.in](http://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 : **"E-Vehicle Technologies"**  
 Dates of Programme : **12-11-2018 to 16-11-2018**

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
	AN.P. Girish Kumar	EE	ANP	ANP	ANP	ANP	ANP
	N.R. Natesh	EEE	NR	NR	NR	NR	NR
	M. Malika Lakshmi	EEE	ML	ML	ML	ML	ML
	K. Venkatesh	EEE	KV	KV	KV	KV	KV
	T. Pranthi Lakshmi	EEE	TP	TP	TP	TP	TP
	B. Sambasiv Rao	EEE	BSR	BSR	BSR	BSR	BSR
	SUKHAMBASHA	EEE	SK	SK	SK	SK	SK
	JAYAPPA	EEE	JAY	JAY	JAY	JAY	JAY
	A. Durga Prasad	EEE	ADP	ADP	ADP	ADP	ADP
	K. Kotaiiah Chaudary	EEE	KKC	KKC	KKC	KKC	KKC

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

*V*  
 Programme Co-ordinator



**REPORT ON FACULTY DEVELOPMENT**  
**PROGRAMME**

**E – Vehicle Technologies**



**Organized by Electrical and Electronics  
Engineering Department**

**Sir C R Reddy College of Engineering**

**12-Nov-2018 to 16-Nov-2018**

## **Day 1: 12 Nov 2018**

### **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 E – Vehicle Technologies Inaugural Session. It was the start of a fascinating journey into the most recent developments in electrical engineering, bringing together professionals from the industry, education.

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

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

### **SESSION-I : Battery Management System for Electric Vehicle (10.00 am to 12.30pm)**

#### **Summary:**

Dr.B.Srinivasa Rao stated that A Battery Management System (BMS), manages the electronics of a rechargeable battery, whether a cell or a battery pack, thus becomes a crucial factor in ensuring electric vehicle safety. A battery pack with a BMS connected to an external communication data transfer system or a data bus is referred to as a smart battery pack. A smart battery pack can manage its own charging, generate error reports, detect and notify the device of any low-charge condition, and predict how long the battery will last or its remaining run-time.

He also explained the detailed results of:

1. Monitoring battery parameters
2. Managing thermal temperatures
3. Making key calculations
4. Facilitating internal and external communication

### **SESSION-II : Fast Charging Infrastructure Expansion (1.30pm to 3.30)**

#### **Summary:**

Dr.B.Srinivasa Rao addressed that the expansion of fast charging infrastructure for electric vehicles (EVs) was a significant focus in many regions around the world, driven by the increasing adoption of EVs and the need to address range anxiety among consumers. Some key developments in fast charging infrastructure expansion include:

Increased Deployment of DC Fast Chargers,

Partnerships and Collaborations,  
Expansion along Highways and Major Routes,  
Integration with Renewable Energy,  
Ultra-Fast Charging Technologies,  
Enhanced User Experience,  
Regulatory Support and Incentives.

## **Day 2: 13 Nov 2018**

### **SESSION-I : Advancements In Electric Motors And Drivetrains(9.30am to 12.30pm)**

#### **Summary:**

Mr.Sunil Kumar discussed about several notable advancements in electric motors and drivetrains, driven by increasing demand for electric vehicles (EVs) and a focus on improving efficiency, performance, and range like;

**Permanent Magnet Motors:** There was a continued push towards permanent magnet motors in EVs due to their higher efficiency and power density compared to traditional induction motors. Manufacturers such as Tesla and BMW have been refining their permanent magnet motor designs to improve performance and reduce costs.

**Solid-State Batteries:** While not directly related to motors and drivetrains, advancements in solid-state battery technology have the potential to revolutionize EVs by providing higher energy density, faster charging times, and improved safety. And stated the research and development efforts focused on bringing solid-state batteries closer to commercial viability.

### **SESSION-II : Materials And Lightweighting (12.30pm to 3.30pm)**

#### **Summary:**

Mr.Sunil Kumar presented that the material science and lightweighting were crucial areas of focus in electric vehicle (EV) technologies, driven by the need to improve efficiency, increase range, and enhance overall performance which included:

**Aluminum and Magnesium Alloys:** Aluminum and magnesium alloys continued to be favored materials for EV components due to their lightweight properties and ability to withstand high stress and temperatures.

**High-Strength Steel:** Advances in metallurgy led to the development of high-strength steel alloys with improved strength-to-weight ratios. These high-strength steels were employed in various EV components, including chassis structures, crash beams, and suspension systems.

**Nanostructured Materials:** Researchers investigated the use of nanostructured materials, such as nanocomposites and nanoparticle-reinforced polymers, to enhance the mechanical properties and reduce the weight of EV components.

### **Day 3: 14 Nov 2018**

#### **SESSION-I : Challenges and Solutions in EV Manufacturing(9.30am to 12.30pm)**

##### **Summary:**

Sri.S.R.Sagar stated that the electric vehicle (EV) manufacturing industry faced several challenges as it sought to scale up production to meet growing demand while also addressing technological and logistical hurdles as follows:

- **Battery Supply and Cost:** One of the primary challenges for EV manufacturers was securing an adequate supply of high-quality batteries at an affordable cost.

**Solution:** To address this challenge, EV manufacturers pursued several strategies, including long-term supply agreements with battery suppliers, investment in battery manufacturing facilities.

- **Production Scalability:** Scaling up EV production to meet increasing demand presented logistical and operational challenges for manufacturers.

**Solution:** Manufacturers implemented advanced manufacturing techniques such as automation, robotics, and digitalization to increase production efficiency and throughput while minimizing costs and lead times.

- **Charging Infrastructure:** The availability and accessibility of charging infrastructure remained a challenge.

**Solution:** Collaborative efforts between governments, utilities, charging network operators, and automakers led to the rapid expansion of public and private charging infrastructure.

#### **SESSION-II : Vehicle Electrification in Public Transportation(1.30pm to 3.30pm)**

##### **Summary:**

Sri.S.R.Sagar presented that vehicle electrification in public transportation experienced significant momentum as cities and transportation authorities worldwide sought to reduce emissions, improve air quality, and enhance the sustainability of urban mobility systems. Here are some key developments in electric vehicle (EV) adoption within public transportation:

Expansion of Electric Bus Fleets,

Pilot Programs and Demonstrations,

Infrastructure Investments,  
Policy Support and Incentives,  
Collaboration and Knowledge Sharing,  
Environmental and Health Benefits,  
Integration with Renewable Energy.

### **Day 4 : 15 Nov 2018**

#### **SESSION-I : Coordinated Charging Scheduling Of Electric Vehicles(9.30am to 12.30pm)**

##### **Summary:**

Dr.A.Srinivasa Reddy focussed on coordinated charging scheduling of electric vehicles (EVs) emerged as a promising solution to address challenges related to grid integration, peak demand management, and optimization of charging infrastructure utilization. By leveraging advanced technologies, market mechanisms, and collaborative approaches, stakeholders worked towards optimizing the integration of EVs into the energy system while maximizing the benefits for grid operators, utilities, EV owners, and society as a whole.

#### **SESSION-II : Solid State Batteries for Electric Vehicles (1.30pm to 3.30pm)**

##### **Summary:**

Dr.A.Srinivasa Reddy stated that electric vehicle (EV) industry witnessed a surge of interest and investment in solid-state batteries, heralding a potential paradigm shift in energy storage technology. Throughout the year, researchers, battery manufacturers, and automotive OEMs dedicated substantial resources to advancing solid-state battery technology for EV applications. Breakthroughs in materials science and manufacturing processes fueled optimism regarding the performance, safety, and scalability of solid-state batteries.

### **Day 5: 16 Nov 2018**

#### **SESSION-I : Electric Vehicle Industry in India: Growth Rates (9.30am to 12.30pm)**

##### **Summary:**

Dr.Ch.Padmanabha Raju stated that the electric vehicle (EV) industry in India experienced notable growth rates, driven by a combination of government initiatives, increasing consumer awareness, and technological advancements. The combination of government support,



technological innovation, and shifting consumer preferences drove significant growth in EV adoption and infrastructure development, laying the foundation for continued momentum in the years to come.

**SESSION-II : Battery Technologies for EVs (1.30pm to 3.30pm)**

**Summary:**

Dr.Ch.Padmanabha Raju focussed on the electric vehicle (EV) industry witnessed significant advancements in battery technologies, driven by the demand for improved performance, increased range, and reduced costs. Lithium-ion batteries remained the dominant technology for electric vehicles, benefiting from their high energy density, reliability, and relatively mature manufacturing processes. Throughout the year, research and development efforts focused on enhancing the energy density, cycle life, and safety of lithium-ion batteries to meet the evolving needs of the EV market.



# SIR C R REDDY COLLEGE OF ENGINEERING

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. N. Bhupesh Kumar ..... of  
Sir C R Reddy College of Engineering ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
**16-11-2018**

  
**CONVENOR**

  
**HOD., EEE**

  
**PRINCIPAL**



# SIR C R REDDY COLLEGE OF ENGINEERING

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. G. Ram Mohan Rao.....of  
Sir C R Reddy College of Engineering.....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
**16-11-2018**

  
**CONVENOR**

  
**HOD., EEE**

  
**PRINCIPAL**



# SIR C R REDDY COLLEGE OF ENGINEERING

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms... DR. M. Veera Kumari ..... of  
Sir. C. R. Reddy College of Engineering ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
**16-11-2018**

  
**CONVENOR**

  
**HOD., EEE**

  
**PRINCIPAL**



# SIR C R REDDY COLLEGE OF ENGINEERING

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. A.S. Prakasha Rao .....of  
Sir C.R. Reddy College Of Engineering .....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. T. Kranthi Kiran.....of  
Sir CR Reddy College of Engineering.....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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This is to certify that Mr./Ms. N.R. Narayana of  
Sir C R Reddy College of Engineering has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies" organised  
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ELURU-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. J. Ayyappa ..... of  
Sir C R Reddy College of Engineering ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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ELURU-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. *P. Naga Sowjanya* ..... of  
*Sir C R Reddy College of Engineering* ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
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# SIR C R REDDY COLLEGE OF ENGINEERING

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

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. U. Ranjita Kumar .....of  
Sir C R Reddy College of Engineering .....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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ELURU-534007, West Godavari District, A.P., India

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. *A. Durga prasad* ..... of  
*Sir C R Reddy College Of Engineering* ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
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**CONVENOR**

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**PRINCIPAL**



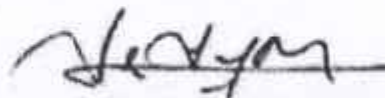
# SIR C R REDDY COLLEGE OF ENGINEERING

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

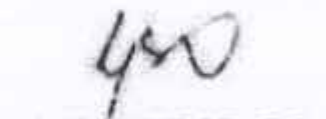
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. A.N.P. Girish Kumar.....of  
Sir C R Reddy College of Engineering.....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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# SIR C R REDDY COLLEGE OF ENGINEERING

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

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. K. Venkatesh ..... of  
Sir C R Reddy College Of Engineering ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
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# SIR C R REDDY COLLEGE OF ENGINEERING

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

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. B. Sambasiva Rao of  
Sir C R Reddy College Of Engineering has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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# SIR C R REDDY COLLEGE OF ENGINEERING

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

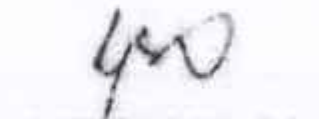
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. C. Prasanna Lakshmi ..... of  
Sir C R Reddy College of Engineering ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
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ELURU-534007, West Godavari District, A.P., India  
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. *K. Kotaiah Chowdary*.....of  
*Sir C R Reddy College Of Engineering*.....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
**16-11-2018**

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**CONVENOR**

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**HOD.,EEE**

*[Signature]*  
**PRINCIPAL**





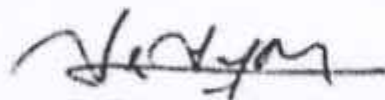
# SIR C R REDDY COLLEGE OF ENGINEERING

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

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

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. SK. Chambasha of  
Sir C R Reddy College Of Engineering has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
**16-11-2018**

  
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**HOD., EEE**

  
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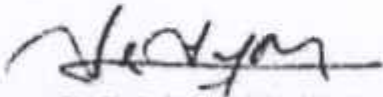
# SIR C R REDDY COLLEGE OF ENGINEERING

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

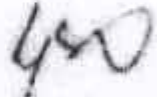
Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. Et. Ganesa ..... of  
Sir CR Reddy College of Engineering ..... has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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ELURU-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. M.S.N.L. Narasimha Rao.....of  
Priyadarshini Institute of Technology & Science.....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to**  
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ELURU-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. L.V. Narasimha Rao of Sir C R Reddy College of Engineering has participated in **A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised by the **Department of Electrical and Electronics Engineering** during **12-11-2018 to 16-11-2018**

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

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. M. Vijaya Raghavendra.....of  
Sir C R Reddy College of Engineering.....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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ELURU-534007, West Godavari District, A.P., India

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## CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms. M. Mallikarjuna Reddy.....of  
Sir C R Reddy College Of Engineering.....has participated in  
**A Five Day Faculty Development Program on "E-Vehicle Technologies"** organised  
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**SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU**

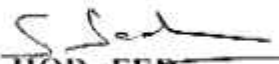
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**FIRST YEAR ENGINEERING DEPARTMENT**

**NOTICE**

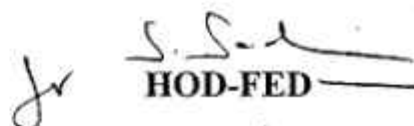
Date: 19-12-2018

It is to inform all the Department staff members that "A 5-day Faculty Development Program on Recent Trends In Instructional Design And Delivery System" is going to be organizing from 03-12-2018 to 07-12-2018. 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-524 007

**A FIVE DAYS FDP PROGRAMME ON**  
**Recent Trends in Instructional Design & Delivery System**  
**(Offline Mode)**  
**Organized by**  
**First Year Engineering Department**  
**Sir C R Reddy College of Engineering**  
**Day wise Schedule(03/12/2018 to 07/12/2018)**

Date\Time	03-12-2018	04-12-2018	05-12-2018	06-12-2018	07-12-2018
9AM- 9.30AM	Inauguration	Recap of the Previous day	Recap of the Previous day	Recap of the Previous day	Recap of the Previous day
9.30AM-12Noon	Session1- :Introduction to instructional design.	Session-3: Analyze learning & contexts	Session-5: Develop instructional strategy	Session-7: Design& conduct formulation evaluation of instructions	Acquisition of knowledge skills
12Noon-1PM	Article Discussion*	Article Discussion**	Article Discussion	Article Discussion	
1PM - 2PM	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
M-4.30PM	Session-2: Identify instructional goals.	Session - 4 write performance objectives	Session -6: Develop & select instructional materials	Session-8: Get started gain experience	Feed Back,MCQ,
4.30PM-5.30PM	Conduct instructional analysis.	Develop assessment instruments	Implementing JIT training	Get Start-portfolio	Valedictory session

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



## SIR C R REDDY COLLEGE OF ENGINEERING

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

participants) A Five day Faculty Development Program  
on **"Recent trends in Instructional Design and  
Delivery System"**  
(03-12-2018 to 07-12-2018)

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

Mr./Ms./Dr. \_\_\_\_\_ from  
\_\_\_\_\_ is hereby  
permitted to attend the Faculty Development Program  
(FDP) on **"Recent trends in Instructional Design  
and Delivery System"** at Sir C R Reddy College of  
Engineering, Eluru from 3 Dec-7Dec 2018.

Place:

Date:

Signature

### CO-ORDINATING COMMITTEE

Chief Patrons:

Sri N.Durga Rao, Secretary  
Sri Kommareddy Rambabu, Correspondent.

Patrons:

Dr.G.SambaSiva Rao, Principal

Convener:

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

Co-ordinator: V.Vijaya Lakshmi  
Assistant. Prof., Department of Physics  
Ph: +918332833047

Organizing Committee:

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

A Five day Faculty Development Program on  
**"Recent trends in Instructional Design and  
Delivery System"**

03-12-2018 to 07-12-2018

Organized by First Year Engineering  
Department



**SIR C R REDDY COLLEGE OF  
ENGINEERING**

Eluru-534007, West Godavari Dist, A.P., India  
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## ABOUT THE INSTITUTE

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

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

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

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

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

## ABOUT THE DEPARTMENT

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

### About the FDP:

This Five day Faculty Development Program spans a diverse array of topics, empowering educators in the topic of Instructional Design. **Instructional Design and Delivery System** (often referred to as **Instructional Systems Design** or **ISD**) is a systematic approach to creating effective learning experiences. It involves a series of well-defined steps that guide the design, development, implementation, and evaluation of instructional materials and activities.

## Resource Persons:



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

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

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

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

Registration Fee: Rs.1050/-.

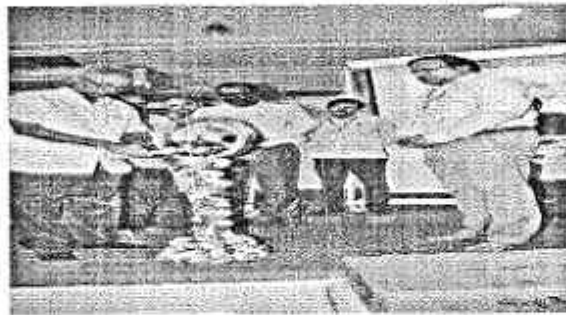
Form for Registration:

Note: Last date for registration is 01-12-2018.

**REPORT ON FACULTY DEVELOPMENT PROGRAMME ON  
Recent Trends in Instructional Design & Delivery System  
FROM 03-12-2018 TO 07-12-2018**

The faculty development programme started on 3<sup>rd</sup> December 2018 at 9:00 am with Jyothi Prajwalana. There were external participants from different colleges and institutes and around 31 participants are attended this FDP.

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



Jyothi Prajwalana by Chief Guests for the Inaugural Session of the FDP .

Opening remarks for the FDP were given by Chief Guests, which was followed by an introduction to the programme by Mrs. A.R.N.L.Sirisha, Asst. Professor in St. Theresa's College for Women. In this session she mainly focussed on the Introduction to instructional design.

**Instructional design (ID)** is the systematic process of creating, planning, and developing educational and training materials that are both engaging and effective for the intended.

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

Thereafter, the message from Honourable Founder President was read out by K.

Rambabu garu. The programme progressed with the inaugural lecture at 9:30 am

by Y. Anjani in which he mainly focussed on the primary goal of instructional design is to ensure that learners grasp the content efficiently, improving their understanding and

performance<sup>1</sup>. She also played a video on the activities. The next speaker was Sri.

G.Ram Mohan Rao, Head of the First Year Engineering Department in Sir C R

Reddy College of Engineering. He mainly spoke about the different areas of the topic which was followed by a brain storming session.

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

The second day started off with the lecture of Mrs. A.R.N.L.Sirisha Continued a Lecture on Remember, instructional design is about creating engaging and effective learning experiences, ensuring learners acquire knowledge and skills



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

SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

FIRST YEAR ENGINEERING DEPARTMENT



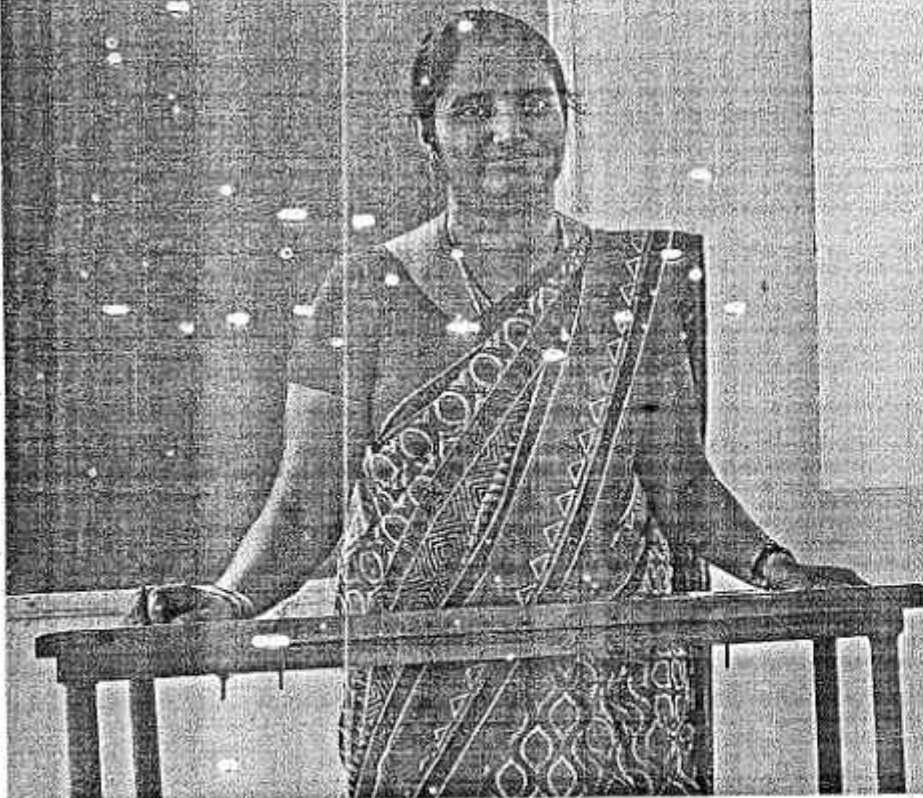
**A five-days Faculty Development  
Programme on**

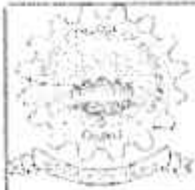
**Recent Trends in Instructional Design &  
Delivery System**

**Mrs. A.R.N.L. Srisha**

Assistant Professor

Ch.S.D. St. Theresa's College for women, Eluru





**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](http://www.sircrrengg.ac.in)

**Attendance List of Participants**

Name of the Department : **FIRST YEAR ENGINEERING DEPARTMENT**  
 Name of the Programme : **RECENT TRENDS IN INSTRUCTIONAL DESIGN AND DELIVERY SYSTEM**  
 Dates of Programme : **03.12.2018 - 07.12.2018**

S.No	Name of the Person	Name of the Dept.	Day-1	Day-2	Day-3	Day-4	Day-5
			Dt: 3/12/18	Dt: 4/12/18	Dt: 5/12/18	Dt: 6/12/18	Dt: 7/12/18
1.	Shaik Sadik	FED	✓	✓	✓	✓	✓
2.	A. Srinivas	FED	✓	✓	✓	✓	✓
3.	B. Kanaka Raju	FED	B. Kanaka	B. Kanaka	B. Kanaka	B. Kanaka	B. Kanaka
4.	S. Sree Rajesh	FED	✓	✓	✓	✓	✓
5.	K. Gangadhara Rao	FED	✓	✓	✓	✓	✓
6.	V. Vijaya Lakshmi	FED	✓	✓	✓	✓	✓
7.	P. Vamsikrishna	FED	P. Vamsi	P. Vamsi	P. Vamsi	P. Vamsi	P. Vamsi
8.	P. Venkata Vasavi	FED	✓	✓	✓	✓	✓
9.	Sk. Baji	FED	✓	✓	✓	✓	✓
10.	P. Vijaya Lakshmi	FED	✓	✓	✓	✓	✓
11.	P. Anitha Vijaya Sri	FED	✓	✓	✓	✓	✓
12.	M. Durga Ratnam	FED	✓	✓	✓	✓	✓
13.	S. Ravi Kumar	FED	✓	✓	✓	✓	✓
14.	V. Ravi Kiran	FED	✓	✓	✓	✓	✓
15.	M. Veeranjanyulu	FED	✓	✓	✓	✓	✓
16.	D. Ganga Bhavani	FED	✓	✓	✓	✓	✓
17.	Swetha Lanka	FED	✓	✓	✓	✓	✓
18.	D. Choudeswari	FED	✓	✓	✓	✓	✓
19.	B. Naga prasanna	FED	✓	✓	✓	✓	✓
20.	K.V. Uma Karuna Devi	FED	✓	✓	✓	✓	✓
21.	M. Anand Kumar	FED	✓	✓	✓	✓	✓
22.	B. Vijaya Komali	FED	✓	✓	✓	✓	✓
23.	R. Pavan Kumar	FED	✓	✓	✓	✓	✓
24.	SD. Zareena	FED	S. Zareena	S. Zareena	S. Zareena	S. Zareena	S. Zareena
25.	Sushma Patnaik	FED	✓	✓	✓	✓	✓

V.V. Lami  
 Programme Co-ordinator



DATE : 03/12/2018

DAY : 1

SESSION: 01

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

**Instructional design (ID)** is the systematic process of creating, planning, and developing educational and training materials that are both engaging and effective for the intended audience. The primary goal of instructional design is to ensure that learners grasp the content efficiently, improving their understanding and performance<sup>1</sup>. Let's explore this further:

**1. What Is Instructional Design?:**

- ID involves taking information and framing it in a way that makes it **interesting and easy for learners to understand**.
- The **ADDIE model** is widely used in instructional design. It consists of five phases:
  - **Analyze:** Identify training needs, learning objectives, and learner profiles.
  - **Design:** Plan and structure content, create a storyboard as a blueprint.
  - **Development:** Create activities, exercises, graphics, and perform beta testing.
  - **Implementation:** Upload the course to a Learning Management System (LMS) or make it accessible online.
  - **Evaluation:** Measure how well the course achieved its objectives and revise if needed<sup>2</sup>.

**2. What Do Instructional Designers Do?:**

- Instructional designers wear various hats: **training designers, e-learning developers, educational technologists**, and more.
- On a day-to-day basis, they:
  - **Analyze learning needs** and define objectives.
  - **Design learning activities**, assessments, and visual elements.
  - **Develop content** based on the design.
  - **Implement courses** on LMS platforms.
  - Continuously evaluate and improve course effectiveness<sup>2</sup>.

Remember, instructional design is about creating engaging and effective learning experiences, ensuring learners acquire knowledge and skills successfully.



Session: 2

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

Certainly! Let's delve into **identifying instructional goals** and how they play a crucial role in effective teaching and learning:

**1. Understanding Instructional Goals:**

- **Instructional goals** are specific statements that outline what learners should achieve after completing a lesson, module, or course.
- These goals guide educators in designing content, activities, and assessments to ensure meaningful learning outcomes.

**2. Steps to Identify Instructional Goals:**

- **Describe the Need:** Recognize the gap between the current state (what learners know) and the desired state (what they should know).
- **Debate Necessity:** Consider whether creating an instructional goal is necessary based on factors like relevance, responsibility, and timing.
- **Draft a Goal Statement:** Formulate a clear and concise statement outlining what you want learners to achieve.
- **Consider the Learning Environment:** Reflect on the context in which learning will occur (classroom, online, blended, etc.).
- **Purposeful Learning Context:** Define the purpose and context for achieving the goal.

**3. Examples of Instructional Goals:**

- **Content Mastery:** Ensure students grasp specific concepts, theories, or skills.
- **Critical Thinking:** Foster analytical and evaluative abilities.
- **Application Skills:** Enable learners to apply knowledge in real-world scenarios.
- **Collaboration:** Promote teamwork, communication, and problem-solving.
- **Ethical Awareness:** Develop ethical decision-making skills.

Remember, instructional goals serve as the foundation for effective teaching. They align with learner needs, drive curriculum design, and contribute to successful learning experiences.

Date : 01/12/2018

day : 2

Session: 03

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

Certainly! Let's explore the importance of **analyzing learners and contexts** in the instructional design process:

**1. Analyzing the Learners:**

- **Learner-centered** instructional design focuses on understanding the needs, characteristics, and abilities of the intended audience.
- Key aspects to examine include:
  - **General Characteristics:** What are the learners' demographics, backgrounds, and learning preferences?
  - **Entry Skills:** What existing skills or knowledge do learners possess before encountering the instructional material?
  - **Prior Knowledge of the Topic:** What do learners already know about the subject matter?
  - **Attitudes Toward Content and Delivery System:** How do learners perceive the topic and the chosen delivery method?
  - **Academic Motivation:** How motivated are learners to learn the material?<sup>1</sup>.

**2. Learning Context Analysis:**

- **Contextual learning** recognizes that all learning occurs within a specific context.
- Consider the following factors related to the learning environment:
  - **Number and Nature of Sites:** How many locations will the learning take place in, and what facilities, equipment, and resources are available?
  - **Physical Characteristics of Sites:** Describe the physical attributes of the learning spaces.
  - **Setting Limitations:** Identify any constraints or limitations that might impact instructional design.<sup>1</sup>.

**3. Benefits of Contextual Learning:**

- **Meaningful Learning:** Linking content to real-world contexts makes learning more relevant and applicable.
- **Preparation for Life Outside the Classroom:** Contextualized learning prepares students for practical situations beyond academic settings.<sup>2</sup>.

Remember, understanding learners and their learning context ensures that instructional design aligns with their needs and optimizes the learning experience.

Session: 04

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

Certainly! **Performance objectives** are specific, measurable, and time-bound statements that outline what an employee is expected to achieve within a given timeframe. These objectives align with organizational goals and contribute to individual growth and success. Let's explore some examples of performance objectives:

1. **Sales Representative:**
  - **Objective:** Increase monthly sales revenue by 15%.
  - **Key Results:**
    - Close at least three new deals per week.
    - Achieve a customer satisfaction rating of 90% or higher.
2. **Software Developer:**
  - **Objective:** Improve code quality and reduce defects.
  - **Key Results:**
    - Conduct code reviews for all major features.
    - Decrease the average number of bugs reported by users by 20%.
3. **Customer Service Agent:**
  - **Objective:** Enhance customer experience.
  - **Key Results:**
    - Respond to all customer inquiries within 24 hours.
    - Achieve a Net Promoter Score (NPS) of 8 or higher.
4. **Project Manager:**
  - **Objective:** Deliver projects on time and within budget.
  - **Key Results:**
    - Complete project milestones according to the project plan.
    - Keep project costs within the allocated budget.
5. **Human Resources Specialist:**
  - **Objective:** Strengthen employee engagement.
  - **Key Results:**
    - Conduct quarterly employee surveys.
    - Implement at least two employee engagement initiatives per year.

Remember, effective performance objectives are specific, achievable, and directly contribute to organizational success.

DATE : 05/12/2018

DAY : 3

SESSION : 5

In this session the speaker mainly focus on the

Certainly! Developing an effective **instructional strategy** involves thoughtful planning and alignment with learning objectives. Here are some steps to guide you:

1. **Begin with the End in Mind:**
  - **Identify clear learning objectives:** What should learners know or be able to do after completing the instruction? These objectives guide your strategy<sup>1</sup>.
2. **Know Your Audience:**
  - Understand your learners' **background, preferences, and needs.** Consider their prior knowledge and learning styles<sup>2</sup>.
3. **Develop a Game Plan:**
  - **Sequence the content:** Organize the material logically. Consider prerequisites and dependencies.
  - **Select appropriate instructional methods:** Choose techniques that align with your objectives and learners' needs<sup>2</sup>.
4. **Find or Create Instructional Materials:**
  - **Select or create resources:** Gather materials such as textbooks, videos, simulations, or interactive content.
  - **Adapt existing content:** Modify existing resources to suit your context<sup>2</sup>.
5. **Evaluate Your Learners:**
  - **Assess prior knowledge:** Use pre-assessments to gauge what learners already know.
  - **Consider learning preferences:** Adapt your strategy based on how learners prefer to engage with content<sup>1</sup>.
6. **Evaluate Your Instruction:**
  - **Formative assessment:** Continuously assess learner progress during instruction.
  - **Feedback:** Provide timely feedback to guide learners.
  - **Reflect and revise:** Regularly review and adjust your instructional strategy based on learner performance and feedback<sup>2</sup>.

Remember, an effective instructional strategy considers learners, context, and desired outcomes. It's a dynamic process that evolves as you gain insights from teaching experiences.

## SESSION : 06

In this session the speaker mainly focus on the

Certainly! When developing and selecting **instructional materials**, it's essential to consider the needs of learners, the learning context, and the desired learning outcomes. Here are some guidelines for this process:

1. **Analyze Learner Needs:**
  - Understand your audience: Consider their **background, prior knowledge, learning preferences, and demographics**.
  - Identify any specific **learning challenges or requirements** that may impact material selection.
2. **Set Clear Learning Objectives:**
  - Define **specific learning outcomes** you want to achieve.
  - Ensure alignment between the objectives and the chosen materials.
3. **Choose Appropriate Formats:**
  - **Textbooks:** Traditional printed books provide comprehensive content.
  - **Digital Resources:** Explore e-books, online articles, and interactive websites.
  - **Multimedia:** Use videos, animations, and podcasts to enhance engagement.
  - **Visual Aids:** Include diagrams, infographics, and charts.
4. **Evaluate Existing Materials:**
  - **Quality:** Assess the accuracy, relevance, and reliability of existing resources.
  - **Alignment:** Ensure materials align with your learning objectives.
  - **Accessibility:** Consider learners with diverse needs (e.g., visual impairments, language barriers).
5. **Create Custom Materials:**
  - **Adaptation:** Modify existing materials to suit your context.
  - **Original Content:** Develop custom content (e.g., case studies, scenarios, practice exercises).
6. **Consider Learning Styles:**
  - **Visual Learners:** Use images, diagrams, and visual aids.
  - **Auditory Learners:** Include audio elements (e.g., podcasts, recorded lectures).
  - **Kinesthetic Learners:** Provide hands-on activities and interactive exercises.
7. **Test and Refine:**
  - **Pilot Materials:** Test selected materials with a small group of learners.
  - **Gather Feedback:** Seek input from learners and instructors.
  - **Iterate:** Revise materials based on feedback and effectiveness.

Remember, instructional materials play a crucial role in facilitating effective learning experiences. Choose wisely to support learners' understanding and achievement.

DATE : 06/12/2018

DAY:4

SESSION:07

In this session the speaker mainly focus on the

Certainly! **Instructional design evaluation** is a crucial step in assessing the effectiveness of instructional materials and ensuring continuous improvement. Let's explore some essential evaluation methods:

1. **Formative Evaluation:**

- Conducted during the design and development process.
- Aims to gather feedback and insights to refine the instructional design.
- Methods include focus groups, expert reviews, and pilot testing with learners and stakeholders<sup>12</sup>.

2. **Summative Evaluation:**

- Conducted at the end of the design process.
- Focuses on assessing the overall effectiveness of the instructional product.
- Determines whether the **intended learning outcomes** have been achieved.
- Common tools include pre and post-tests, surveys, and performance assessments<sup>12</sup>.

3. **Confirmative Evaluation:**

- Examines the lasting effects of instruction over time.
- Assesses how well learners retain and apply knowledge beyond immediate learning experiences<sup>3</sup>.

By rigorously evaluating instructional design projects, we can ensure high-quality learning experiences and make data-driven decisions for future designs.

## SESSION: 08

In this session the speaker mainly focus on the

When it comes to gaining experience and advancing your career, there are several strategies you can employ. Here are **10 tips** to help you get started:

1. **Join a Professional Organization:**
  - Organizations exist for many professions. Becoming a member allows you to network with industry professionals, attend events, and access resources that can enhance your knowledge and skills.
2. **Start a Personal Project:**
  - Personal projects are those you complete for yourself and on your own time. They can showcase your abilities, demonstrate your passion, and provide tangible evidence of your skills.
3. **Attend Classes:**
  - Consider taking relevant courses or workshops to expand your knowledge. Look for both online and in-person options.
4. **Start a Blog:**
  - Writing a blog allows you to share your expertise, insights, and experiences. It also demonstrates your commitment to continuous learning and self-improvement.
5. **Request New Tasks at Your Current Job:**
  - Speak to your supervisor about taking on additional responsibilities or tasks that align with your career goals. This can help you gain practical experience within your current role.
6. **Attend Professional Workshops:**
  - Workshops provide focused learning opportunities. Look for workshops related to your field or areas of interest.
7. **Ask Your Colleagues for Help:**
  - Don't hesitate to seek advice or guidance from colleagues who have more experience. They can offer valuable insights and mentorship.
8. **Seek a Mentor:**
  - A mentor can provide personalized guidance, share their experiences, and help you navigate your career path.
9. **Volunteer or Intern:**
  - Volunteering or interning in your field allows you to gain hands-on experience, build connections, and learn from professionals.
10. **Stay Curious and Open-Minded:**
  - Be open to learning new things, exploring different areas, and adapting to changes. Curiosity fuels growth and helps you stay relevant.

Remember, gaining experience is a continuous process. Be proactive, seek opportunities, and be willing to learn and adapt.

Date : 07/12/2018

day:9

Session: 09

In this session the speaker mainly focus on the

**Acquiring knowledge and skills** is essential for personal and professional growth. Let's explore the difference between knowledge and skills:

1. **Knowledge:**

- **Definition:** Knowledge refers to information, facts, and understanding gained through learning and experience.
- **Acquisition:** It is acquired through various means such as formal education, self-study, research, and exposure to different sources of information.
- **Examples:**
  - Learning theoretical concepts, principles, and facts from textbooks, lectures, or online resources.
  - Understanding historical events, scientific theories, or cultural practices.

2. **Skills:**

- **Definition:** Skills are practical abilities or competencies that allow individuals to perform specific tasks effectively.
- **Acquisition:** Skills are usually learned through the transfer of knowledge. A person acquires knowledge about how to perform a task and then physically practices or applies that knowledge.
- **Examples:**
  - Learning to play a musical instrument (knowledge of notes and techniques).
  - Developing programming skills (knowledge of coding principles and languages).

In summary, knowledge provides the foundation, while skills involve practical application. Both are essential for personal development and professional success.





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2018-19

# SIR C.R. REDDY COLLEGE OF ENGINEERING

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Notice

Date: 02-01-2019

It is to inform all the Staff that "A 5-Day Faculty Development Program on JAVA" in association with APITA is going to organize from 21<sup>st</sup> to 25<sup>th</sup> 2019 . 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.



***SIR C R REDDY COLLEGE OF ENGINEERING, ELURU***

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Cordially invites you to attend the

**“5 – Day Oracle Faculty Development Program on JAVA”**

**in association with APITA**

**Date: 21<sup>st</sup> to 25<sup>th</sup> January, 2019**

***Sri Kommareddy Rambabu***

President, Sir C.R.Reddy Educational Institutions,

Corresponding – Sir C.R.R College of Engineering

Has kindly consented to the Chief Guest

**Dr. G. Sambasiva Rao**

Principal, Sir C.R.Reddy College of Engineering.

**Dr. S. Krishna Rao**

Professor & HOD, Dept. of IT, Sir C.R.Reddy College of Engineering,

Will preside over the function

**RESOURCE PERSONS**

**Oracle Corporation**

**Venue: AWS Lab, Dept. of IT**

**Sir C.R. Reddy College of Engineering , Eluru**

**Inaugural Function on 21-01-2019 – 10.00A.M**

**FDP Program:**  
**A 5- Day Faculty Development Program on Java**  
**Day wise Schedule**  
**Offline in SIR C R REDDY COLLEGE OF ENGINEERING**  
**(21th to 25<sup>th</sup> January 2019)**

21/01/2019	22/01/2019	23/01/2019	24/01/2019	25/01/2019
9.00AM- 9.30 AM				
Inauguration	9.30AM-11.00 AM	9.30 AM- 11.00AM	9.30 AM- 11.00 AM	9.30 AM-11.00AM
9.30AM- 11.00 PM	Data types and Unicode system	Inheritance with interface and abstract class	Collections and Multithreading	JDBC and Live applications
History and Features of JAVA				
11.00AM- 01.00PM	11.00 AM-01.00 PM	11.00AM-01.00 PM	11.00AM-01.00PM	11.00AM- 01.00 PM
How to set path and JDK, JRM & JVM	Oops concepts	Exception handling and packages	Swings and Applets	INDUSTRIALVISIT
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
ArticleDiscussion	ArticleDiscussion	ArticleDiscussion	ArticleDiscussion	MCQ, FEEDBACK&INTERACTION
03.00PM - 5.30PM	03.00PM - 5.30PM	03.00PM- 5.30PM	03.00PM - 5.30PM	03.00PM - 5.30PM
Hands-onexercises	Hands-onexercises	Hands-onexercises	Hands-onexercises	VALIEDICTORY

  
 HOD,  
 HEAD OF THE DEPARTMENT  
 Information Technology  
 Sir C.R.R. College of Engg.  
 ELURU-534 087.

Name of the Faculty	College Name	Dept.	Signature				
			21-1-19	22-1-19	23-1-19	24-1-19	25-1-19
Shrini Anusha	ADITYA DEGREE COLLEGE	CSE	A	A	A	A	A
ginitath	Aditya Degree College, Eluru	CSE	P. Gopid	P. Gopid	P. Gopid	P. Gopid	P. Gopid
Shri Raekhan	ADITYA DEGREE COLLEGE, PALAKO	CSE	A	A	A	A	A
SRINIVASA RAO	ADITYA DEGREE COLLEGE, TADIPALLIGUDUM	CSE	A	A	A	A	A
Perukata	R.V.Raja Degree College	CSE	A	A	A	A	A
Prasanna Rama Raju	R.V.Raja Degree College	CSE	A	A	A	A	A
Seetha Lakshmi	R.V.Raja Degree College	CSE	A	A	A	A	A
Rama Lakshmi	DNR College of Engineering & Technology	CSE	A	A	A	A	A
A.Vetugapudi	DNR College of Engineering & Technology	CSE	A	A	A	A	A
V.Rajesh Babu	Eluru College of Engineering & Technology	CSE	VB	VB	VB	VB	VB
Lakshmi Ram	Eluru College of Engineering & Technology	CSE	LRS	LRS	LRS	LRS	LRS
Ch.Hemanand	Ramachandra College of Engineering	CSE	A	A	A	A	A
B.AIRU	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN	CSE	A	A	A	A	A
B.Madhurani	Sir C.R.Reddy College of Engineering	CSE	A	A	A	A	A
T.Rete Anurajma	Sir C.R.Reddy College of Engineering	CSE	A	A	A	A	A
G.Purna Prabhakar	Sir C.R.Reddy College of Engineering	IT	GP	GP	GP	GP	GP
H.Prasad	Sir C.R.Reddy College of Engineering	IT	HP	HP	HP	HP	HP
G.Srinani	Sir C.R.Reddy College of Engineering	IT	GS	GS	GS	GS	GS
A.M.K.Ramesh Babu	Sir C.R.Reddy College of Engineering	IT	AMK	AMK	AMK	AMK	AMK
G.S.MHA Prasad	SEED MAHILA KALASALANA UG & PG, TANUKU	CSE	A	A	A	A	A
G. Anil Prasad	SEED MAHILA KALASALANA UG & PG, TANUKU	CSE	A	A	A	A	A
G. Saritha	SRI ADITYA DEGREE COLLEGE	CSE	A	A	A	A	A
T.V.K. Manojan	Sei Vasavi Engineering College, Tadepalligudem	CSE	TM	TM	TM	TM	TM
T.Hema Raju	Sri Venkateswara Institute of Science And Information Technology	CSE	TH	TH	TH	TH	A
V.Sri Babu	SRR Engineering College	CSE	VS	VS	VS	VS	VS
Ch.Ravi Srinivas	SRR Engineering College	IT	CR	CR	CR	CR	CR
C.PRIYADHARA RAO	SVP & D.R.E.S.MAD ARTS & SCIENCE COLLEGE, PENUGONDA	CSE	KT	A	A	A	A
E.Hemalatha	Swarandhra College of Engineering & Technology	IT	EH	EH	EH	EH	EH
P. SRINIVAS RAO	Swarandhra College of Engineering & Technology	CSE	PS	PS	PS	PS	PS
T.Satya Sri	Swarandhra Institute of Engineering and Technology	CSE	A	A	A	A	A
P.Lakshmi	Swarandhra Institute of Engineering and Technology	CSE	A	A	A	A	A
S.HANALAKSHMI	VISHNU INSTITUTE OF TECHNOLOGY	CSE	A	A	A	A	A
P.HEERMA	VISHNU INSTITUTE OF TECHNOLOGY	CSE	A	A	A	A	A

HOD., Dept of IT

ASSTANT OF THE DEPARTMENT



PRINCIPAL  
Principal  
SIR C.R.R. COLLEGE OF ENGINEERING

## REPORT ON FACULTY DEVELOPMENT PROGRAMME ON

### JAVA

(21<sup>st</sup> to 25<sup>th</sup> January 2019)

The Faculty Development Programme on JAVA commenced on 21<sup>st</sup> January 2019, 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 JAVA.

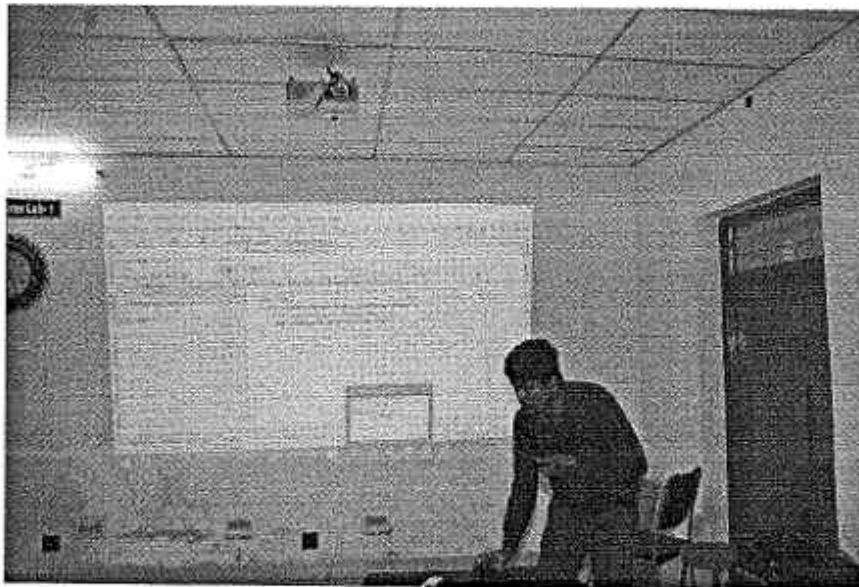
The Faculty Development Programme on JAVA commenced with a robust introduction and highlighted the essence of the event. Oracle Corporation, with their insightful commentary, paved the way for an enriching learning experience by shedding light on the significant advancements in JAVA. Their portrayal 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 Oracle Team, further enriched the programme, as they shared their profound expertise in JAVA. 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 JAVA. 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 JAVA techniques and how they are, used Real time Scenario.



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

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

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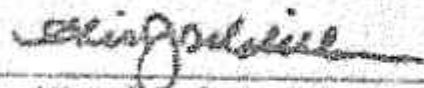
# Certificate of Completion

Dr S Krishna Rao

*has successfully completed 30 hours of professional development  
for the following Oracle Academy course:*

Java Fundamentals

*on 25 January 2019*



Alison J. Dorbenwick Miller  
Vice President, Oracle Academy

ORACLE  
Academy

(4)

2018-19

# Certificate of Completion

Dr K Satyanarayana

has successfully completed 30 hours of professional development  
for the following Oracle Academy course:

Java Fundamentals

on 25 January 2019



Alison J. Derbenwick Miller  
Vice President, Oracle Academy

ORACLE  
Academy

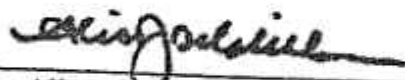
# Certificate of Completion

Prasad Nepala

*has successfully completed 30 hours of professional development  
for the following Oracle Academy course:*

Java Fundamentals

*on 25 January 2019*



Alison J. Derbenwick Miller  
Vice President, Oracle Academy

ORACLE  
Academy

# Certificate of Completion

D Srinivas Rao

has successfully completed 30 hours of professional development  
for the following Oracle Academy course:

Java Fundamentals

on 25 January 2019



Alison J. Derbenwick Miller  
Vice President, Oracle Academy

ORACLE  
Academy

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# Certificate of Completion

Vihari Gulipali

*has successfully completed 30 hours of professional development  
for the following Oracle Academy course:*

Java Fundamentals

*on 25 January 2019*

  
Alison J. Derbenwick Miller  
Vice President, Oracle Academy

ORACLE  
Academy

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# Certificate of Completion

Sk Meeravalli

has successfully completed 30 hours of professional development  
for the following Oracle Academy course:

## Java Fundamentals

on 25 January 2019



Alison J. Derbenwick Miller  
Vice President, Oracle Academy

ORACLE  
Academy

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SIR C.R. REDDY COLLEGE OF ENGINEERING, ELURU

Approved by AICTE & Affiliated to JNTUK, Kakinada

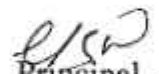
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NOTICE

Date: 03-08-2018

It is to inform all the Non-Teaching staff members that "A 1-day Skill Development Program on "Safety Measures in Laboratories" is going to be organized on 22-08-2018. Hence all the interested Non-Teaching staff members are advised to participate in this program and get benefited.



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





## REPORT ON SKILL DEVELOPMENT PROGRAMME ON

### SAFETY MEASURES IN LABORATORIES ON 22-08-2018

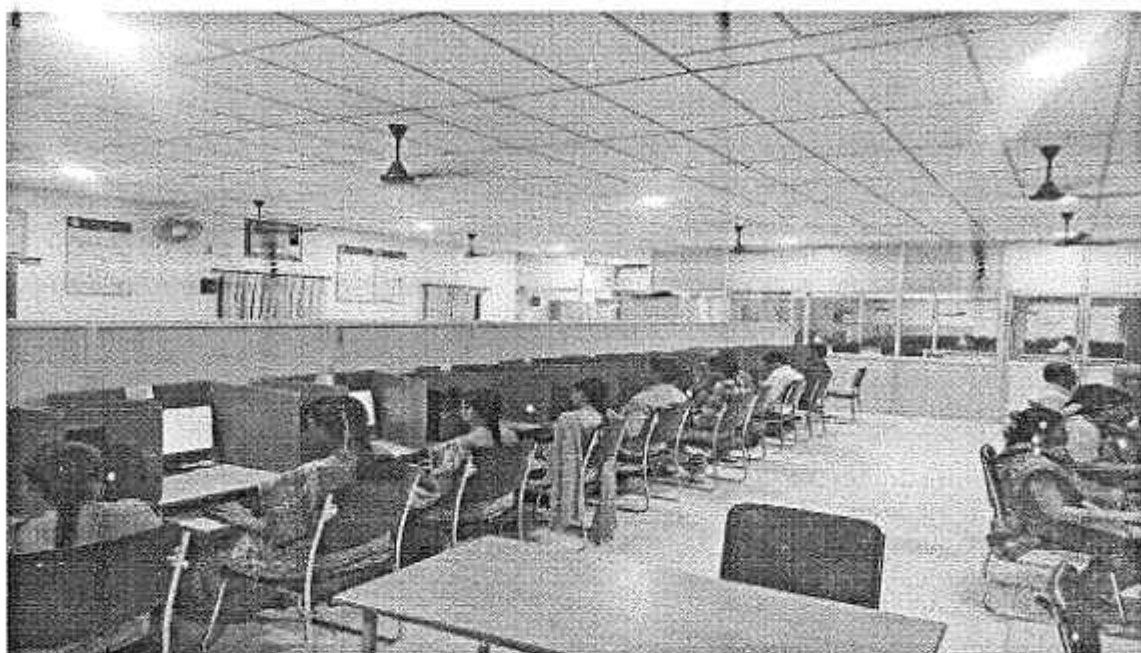
The Skill development programme started on 22<sup>nd</sup> August 2018 at 9:00 am with Jyothi Prajwalana. There were 14 internal participants from various departments of our college who have attended this SDP.

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 Reddy Educational Institutions.



**Addressing all the Participants who attended the SDP by K.Ch.Deepthi garu**

Opening remarks for the SDP were given by Chief Guests, which was followed by an introduction to the programme by Sri R.Satish, Assoc. Professor in the department of ECE. Introduction to the SDP and highlights of Safety measures to be followed in the Laboratories by Sri R.Satish, thereafter, the message from Honourable Founder President was read out by Sri K. Rambabu garu. The programme progressed with the inaugural lecture at 9:30 am by Sri R.Satish in which he mainly focused on the precautions to be taken care of by the people while we are in the Laboratory. The next speaker was Dr. T. Venkateswara Rao garu, Head of the Department of Electronics and Communication Engineering, Sir C R Reddy College of Engineering. He mainly talked about the importance of following the safety measures to be followed in the Laboratories and also the odds & outs / disadvantages of not following the safety measures in the Labs which was followed by a brain storming session.



#### **All the Participants who attended the SDP**

The afternoon session started off with the lecture of Sri R.Satish garu where he displayed some videos & pictures of the Safety measures to be followed in the Laboratories & also the consequences of not following the Rules & Regulations / Instructions in the Labs.

This led to the end of the one-day programme. A concluding session followed after the tea break in which participants shared their experiences. Participants shared their experiences and there were Certificates distribution at the concluding session where most of them talked about their enriching experience at the FDP. Thereafter Dr.T.Venkateswara Rao garu, gave his concluding remarks and distributed the certificates to the internal participants. At the end Sri K.Lakshmi Narayana garu 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

T.S. ANAND

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.



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

This is to certify that

G.L. GANESH BABU

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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

This is to certify that

S. JAYA RAMA KRISHNA

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

P. PRATHIMA

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

[Signature]

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

This is to certify that

B. RANGAMMA

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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

This is to certify that

M. SRAVANI

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

K.S. STRISHA

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

P. RUTH

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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

This is to certify that

P.V. PADMAVATHI

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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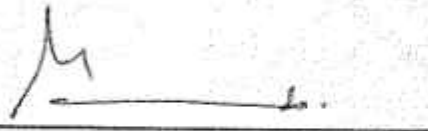


**SIR CR REDDY COLLEGE OF ENGINEERING**  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

A. YESUBABU

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

D. LEELA KUMARI

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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**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 COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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

This is to certify that

G. MURALIDHARA RAO

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

This is to certify that

G. PADMA

From SIR C R R COE has successfully completed  
Skill Development Program on "Safety Measures in Laboratories" at Sir C R Reddy  
College Of Engineering on 22-08-2018.

  
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