Department of Electrical & Electronics Engineering

Date: 06.10.21

From

Dr. K. Amaresh,

Professor & HoD,

Department of EEE

To

The Principal

KSRM College of Engineering,

Kadapa – 05.

Sub: One Week Workshop on Soft Computing Techniques – Request for Permission – Reg.

      The department of Electrical & Electronics Engineering is organizing a One Wek Workshop in association with CRI for the B. Tech., V and VII Semester Students. Details of the workshop is as follows

Name of the Event	:	One Week Workshop
Title of the Workshop	:	Soft Computing Techniques
Resource Person(s)	:	Dr. T. Mariprasath, Associate Professor Mr. CH. Hussain Basha, Assistant Professor
Date(s) of the Workshop	:	11.10.21 to 15.10.21
Time	:	9.00am to 4.00pm
Venue	:	Python Lab
Faculty Coordinator	:	Dr. T. Mariprasath, Associate Professor

In this context, I request you to give permission to conduct the above said program. Thanking You Sir,

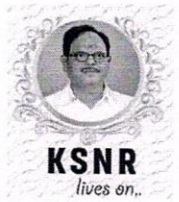Yours Obediently

(Dr. K. AMARESH)

K.S.R.M. COLLEGE OF ENGINEERING
(UGC-AUTONOMOUS)
Kadapa, Andhra Pradesh, India– 516 005
Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.
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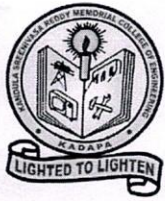## Department of Electrical & Electronics Engineering

Date: 07.10.21

CIRCULAR

This is to inform all that Center for Research & Innovations in association with department of EEE is going to conduct a One Week Workshop. In this regards, I request B. Tech., V and VII Semester students, those who are interested for the workshop can register their names with concern coordinator. The details of the workshop is as follows

Name of the Event	:	One Week Workshop
Title of the Workshop	:	Soft Computing Techniques
Resource Person(s)	:	Dr. T. Mariprasath, Associate Professor Mr. CH. Hussain Basha, Assistant Professor
Date(s) of the Workshop	:	11.10.21 to 15.10.21
Time	:	9.00am to 4.00pm
Venue	:	Python Lab
Faculty Coordinator	:	Dr. T. Mariprasath, Associate Professor

Dr. K.AMARESH
Head of the Department

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Department of Electrical & Electronics Engineering

Activity Report

Name of the Activity	:	One Week Workshop
Title of the Workshop	:	Soft Computing Techniques
Date(s) of the Workshop	:	11.10.21 to 15.10.21
Scheduled Time	:	9.00 to 4.00pm
Resource Person	:	Dr. T. Mariprasath, Associate Professor
		Mr. CH. Hussain Basha, Assistant Professor
Target Audience	:	B. Tech., V and VII Semester Students
No. of Students Attended	:	28
Faculty Co-coordinator	:	Dr. T. Mariprasath, Associate Professor
Venue	:	Python Lab (CRI)

Activity Description:

Department of EEE, in association with CRI conducted One Week Workshop on "Soft Computing Techniques", from 11.10.2021 to 15.10.2021 at Python Lab. The day wise schedule of the workshop is as follows

Date	Resource Person	Topic Covered	Resource Person	Topic Covered
11.10.2021	Dr.T. Mariparsath	Introduction to Soft Computing techniques	Mr. CH. Hussaian Basha	Concept of Fuzzy and Fuzzy Sets
12.10.2021	Mr. CH. Hussaian Basha	Boost converter Design and Analysis	Dr.T. Mariparsath	Solar PV with Perturb Observation MPPT
13.10.2021	Mr. CH. Hussaian Basha	High Step up interleaved Boot converter Design and Analysis	Dr.T. Mariparsath	Solar PV with Incremental and Conductance MPPT
14.10.2021	Dr.T. Mariparsath	Solar PV with ANN based MPPT	Mr. CH. Hussaian Basha	Optimizing the Duty cycle for an High step-up boost converter
15.10.2021	Mr. CH. Hussaian Basha	Fuel cell modeling and analyzing	Dr.T. Mariparsath	Fuzzy Logic Based MPPT

The outcome of the workshop is students able to modeling boost converter in MATLAB environment, optimizing the duty cycle of the converter, Fuel cell modeling, train the RBFN for tracking MPP, solar PV modeling with various MPPT techniques. The students interacted with resource persons and clarified their doubts and finally HoD & Dean - CRI given the concluding remarks.
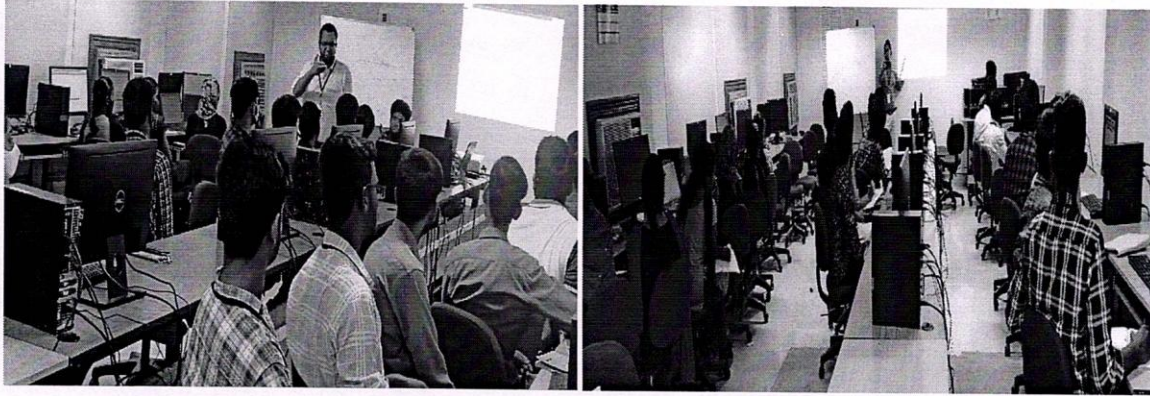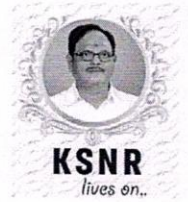
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Coordinator

Head of the Department

Principal

PRINCIPAL
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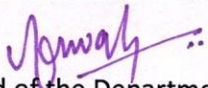lives on..

Department of Electrical & Electronics Engineering

Participants List

Name of the Event	:	One Week Workshop
Title of the Workshop	:	Soft Computing Techniques
Date(s) of the Workshop	:	11.10.21 to 15.10.21
Time	:	9.00am to 4.00pm
Venue	:	Python Lab

Student Attendance of the Workshop

S. No.	Roll No.	Name of the Student	11.10.21		12.10.21		13.10.21		14.10.21		15.10.21	
1	189Y1A0205	C. Manasa	3	6	9	12	15	18	21	24	27	30
2	189Y1A0211	G. Pavan Kalyan	3	6	9	12	15	18	21	24	27	30
3	189Y1A0212	H. Charan Prakash	3	6	9	12	15	18	21	24	27	30
4	189Y1A0222	K. Navani	3	6	9	12	15	18	21	24	27	30
5	189Y1A0228	M. Harshith	3	6	9	12	15	18	21	24	27	30
6	189Y1A0237	P. Mohammed Sadak	3	6	9	12	15	18	21	24	27	30
7	189Y1A0238	P. Bharath Kumar Reddy	3	6	9	12	15	18	21	24	27	30
8	189Y1A0243	Shaik Aisha	3	6	9	12	15	18	21	24	27	30
9	189Y1A0244	S. Khaleefa	3	6	9	12	15	18	21	24	27	30
10	189Y1A0245	S. M. Khaja Moinuddin	3	6	9	12	15	18	21	24	27	30
11	189Y1A0246	S. Nazeer Basha	A	A	A	A	A	A	3	6	9	12
12	189Y1A0247	S. Yousuf	3	6	9	12	15	18	21	24	27	30
13	199Y1A0201	B. Sai Sree	A	A	A	3	6	A	9	12	15	18
14	199Y1A0207	C. Hari Prasad	3	6	A	9	12	15	18	21	24	27
15	199Y1A0208	C. Mohan Krishna	A	A	A	3	6	9	12	15	18	21
16	199Y1A0209	D. Naveen Sai	3	6	A	9	12	A	A	A	15	18
17	199Y1A0210	D. Boje Gowd	3	6	A	9	A	A	12	15	18	21
18	199Y1A0223	K. Nikhat Sulthana	3	6	A	9	12	A	15	18	21	24
19	199Y1A0229	M. Sathwika	3	6	A	A	9	A	12	15	18	21
20	199Y1A0231	M. Guru Teja	3	6	A	9	12	A	15	18	21	24
21	199Y1A0232	M. Ruthesh Kumar	3	A	A	6	9	12	15	18	21	24
22	199Y1A0234	N. Manikanta Reddy	3	6	A	9	12	A	15	18	21	24
23	199Y1A0238	P. Chinna Peddi Reddy	3	6	A	9	12	15	18	21	27	30
24	199Y1A0244	S. Sameer Basha	3	6	A	9	12	A	15	18	18	21
25	199Y1A0253	V. Divya Teja	A	3	A	6	9	A	12	15	18	21
26	199Y1A0255	Y. Chandrika	A	A	A	A	A	A	3	6	9	12
27	199Y1A0257	Y. Chandra Kala	A	3	A	A	6	A	9	12	15	18
28	199Y5A0207	T. Shahansha Khan	A	A	A	3	6	A	9	12	15	18

Faculty Coordinator

Head of the Department