



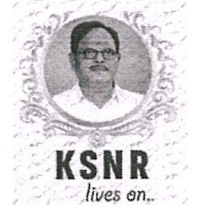
# K.S.R.M. COLLEGE OF ENGINEERING

(UGC-AUTONOMOUS)

Kadapa, Andhra Pradesh, India- 516 003

Approved by AICTE, New Delhi & Affiliated to JNTUA, Ananthapuramu.

An ISO 14001:2004 & 9001: 2015 Certified Institution



Lr./KSRMCE/ (CRI)/2021-22/

Date: **2.09.2021**

To

**The Principal,**  
K.S.R.M.College of Engineering  
Kadapa.

Respected Sir,

**//THROUGH PROPER CHANNEL//**

**Sub:** KSRMCE - (CRI) -Permission to conduct workshop on " Soft computing Techniques" from 12.10.2021 to 15.10.2021 - Reg.

I bring to your kind notice that Centre for Research and Innovation is planning to conduct one week students workshop on "Soft computing Techniques" from 12.10.2021 to 15.10.2021" at Main block, Python Lab, KSRMCE. In this workshop Dr.T.Mariprasath, Associate professor/EE/CRI member and Mr. CH Hussaian Basha Assistant professor/EE/CRI member delivering lecture on above mention topic. So, I request you to give permission to conduct workshop.

Thanking you

Yours Faithfully

*T.M.P.*

**Dr.T.Mariprasath**  
**Associate Professor/EEE**

**CRI Memeber**

**(Name of Concern with Designation & Dept.)**

*Permitted*

*U.S.S. Murthy*

*02/09/2021*



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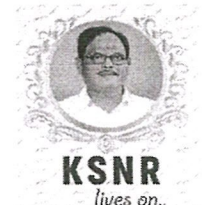
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Cr./KSRMCE/(Dept./admin/General/academics/others)/2021-22/

Date: 2.09.2021

## Circular

This to inform all, Center for research & innovations in association with department of EEE is going to conduct a workshop on “**Soft Computing Techniques**” in between 12.10.2021 to 15.10.2021 (9:00 am to 12 : 00 pm ) 1:00 pm to 5:00 pm.. In this regards, I request you to students, those who are interested for the workshop can register their names with concern co-ordinator.

### Session wise Schedule

Date	Resource Person	Topic Covered	Resource Person	Topic Covered
12.10.2021	Sri CH. Hussaian Basha	Boost converter Design and Analysis	Dr.T.Mariparsath	Solar PV with Perturb Observation MPPT
13.10.2021	Sri CH. Hussaian Basha	High Stepup 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	Sri CH. Hussaian Basha	Optimizing the Duty cycle for an High step-up boost converter
15.10.2021	Sri CH. Hussaian Basha	Fuel cell modeling and analyzing	Dr.T.Mariparsath	Fuzzy Logic Based MPPT

V. S. S. Muly

**Principal**

PRINCIPAL  
K.S.R.M. COLLEGE OF ENGINEERING  
KADAPA-516 003. (A.P.)

Cc to:

The Management / Director /Deans/HoDs/IQAC for information

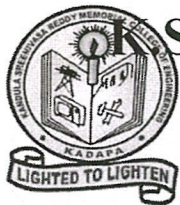


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## **ACTIVITY REPORT**

### **A Workshop On**

**"One week Workshop on Soft computing Techniques"**

**12.10.2021 to 15.10.2021**

<b>Target Group</b>	<b>:</b>	<b>Students</b>
<b>Details of Participants</b>	<b>:</b>	<b>28</b>
<b>Co-coordinator</b>	<b>:</b>	<b>Dr.T.Mariprasath</b>
<b>Organizing Department</b>	<b>:</b>	<b>Department of EEE &amp; CRI</b>
<b>Venue</b>	<b>:</b>	<b>Python Lab</b>

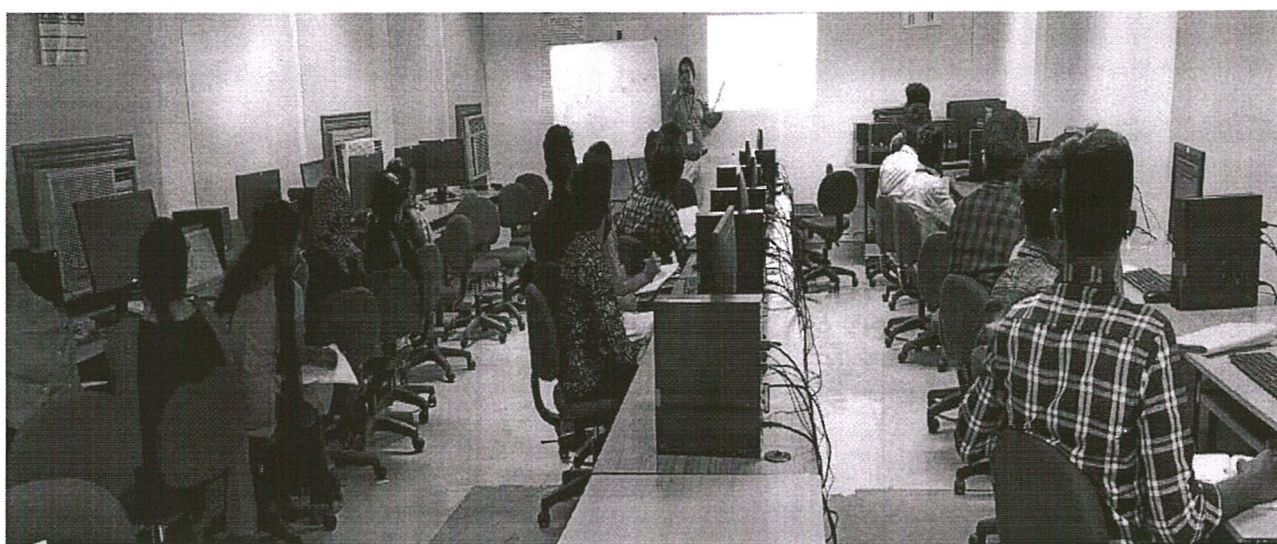
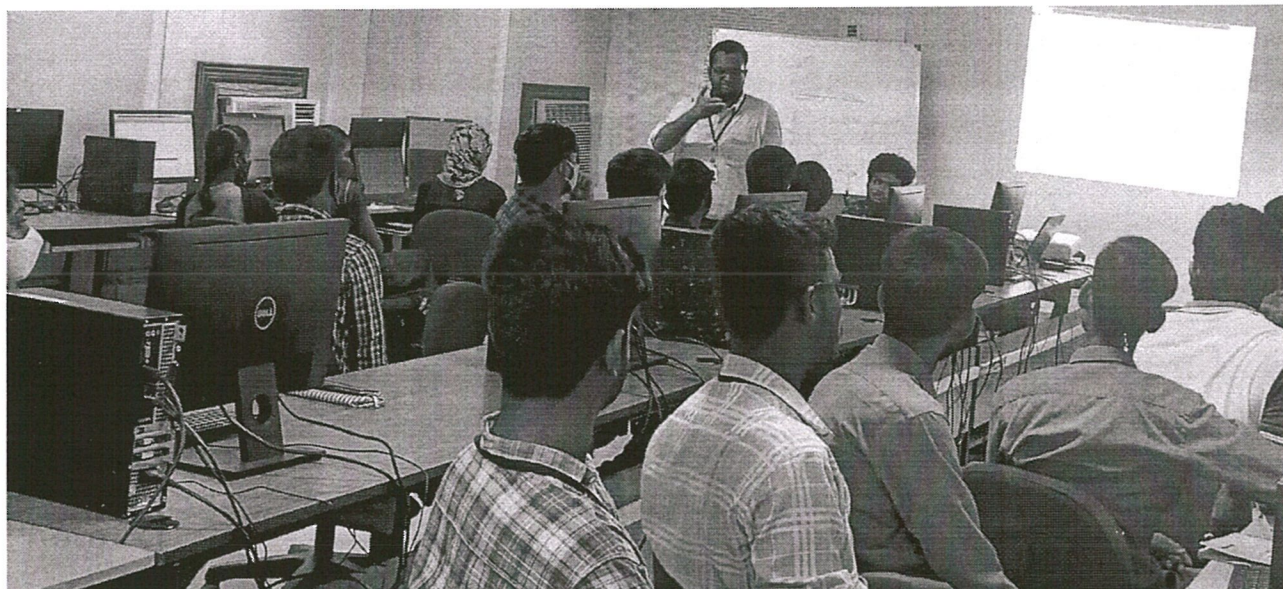
### **Description :**

Department of EEE, in Association with Centre for innovation conduct a one week workshop on **soft computing Techniques** from 12.10.2021 to 15.10.2021 at Python Lab main building. Professor K. Amaresh delivers the welcome address & important of workshop, Professor M.V. Narayana inaugurates the workshop. Sri CH Hussaian Basha CRI member, Assistant Professor/EEE, and Dr.T.Mariprasath CRI member Associate Professor/EEE deliver valuable information about application of soft computing techniques in solar PV systems. From the department of EEE, 16 final years and 12 third years is participated. 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.





Photo :



*T.M.7*  
Co-ordinator

*M.V.N*  
CRI Dean

*V. S. S. Mmly*  
Principal

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Sl.No	Roll No	Student name	12.10.2021		13.10.2021		14.10.2021		15.10.2021	
1.	189Y1A0205	MANASA	3	6	9	12	15	18	21	24
2.	189Y1A0211	GURAI AHGARI PAVAN KALYAN	3	6	9	12	15	18	21	24
3.	189Y1A0212	HASANAPURAMCHARANPRAKASH	3	6	9	12	15	18	21	24
4.	189Y1A0222	KONANAVANI (W)	3	6	9	12	15	18	21	24
5.	189Y1A0228	MACHA HARSHITH	3	6	9	12	15	18	21	24
6.	189Y1A0235	PULIMADYALA MOHAMMED SADAK	3	6	9	12	15	18	21	24
7.	189Y1A0238	PUTLURU BHARATH KUMAR REDDY	3	6	9	12	15	18	21	24
8.	189Y1A0243	SHAIK AISHA (W)	3	6	9	12	15	18	21	24
9.	189Y1A0244	SHAIK KHALEefa	3	6	9	12	15	18	21	24
10.	189Y1A0245	SHAIK MULLA KHAJA MOINUDDIN	3	6	9	12	15	18	21	24
11.	189Y1A0246	SHAIK NAZEER BASHA	A	A	A	A	A	A	3	6
12.	189Y1A0247	SHAIK YOUSUF	3	6	9	12	15	18	21	24
13.	199Y1A0201	BANDI SAI SREE (W)	A	A	A	3	6	A	9	12
14.	199Y1A0207	CHITTIBOINA HARI PRASAD	3	6	A	9	12	15	18	21
15.	199Y1A0208	CHOWDAM MOHAN KRISHNA	A	A	A	3	6	9	12	15
16.	199Y1A0209	DERANGULA NAVEEN SAI	3	6	A	9	12	A	A	A
17.	199Y1A0210	DODDA MAREPPA GARI BOJE GOWD	3	6	A	9	A	A	12	15
18.	199Y1A0223	KATLAGALLU NIKHAT SULTHANA (W)	3	6	A	9	12	A	15	18
19.	199Y1A0229	MANNE SATHWIKA (W)	3	6	A	A	9	A	12	15
20.	199Y1A0231	MIDDE GURU TEJA	3	6	A	9	12	A	15	18
21.	199Y1A0232	MOGASALA RUTHESH KUMAR	3	A	A	6	9	12	15	18
22.	199Y1A0234	NAGIREDDY MANIKANTA REDDY	3	6	A	9	12	A	15	18
23.	199Y1A0238	P VIREDDYGARI CHINNA PEDDI	3	6	A	9	12	15	18	21
24.	199Y1A0244	SHAIK SAMEER BASHA	3	6	A	9	12	A	15	18
25.	199Y1A0253	VALLURU DIVYA TEJA (W)	A	3	A	6	9	A	12	15
26.	199Y1A0255	YAKKALURU CHANDRIKA (W)	A	A	A	A	A	A	3	6
27.	199Y1A0257	YERRAGUDIPADU CHANDRA KALA (W)	A	3	A	A	6	A	9	12
28.	199Y5A0207	TIPPUGARI SHAHANSHA KHAN	A	A	A	3	6	A	9	12