

K.S.R.M. COLLEGE OF ENGINEERING

(AUTONOMOUS)

Kadapa, Andhra Pradesh, India– 516 003

CRI AND ECE

10-8-21

2 Day Workshop

A two day workshop on **Computational Intelligence and its Applications on PV Systems** organized by Centre for Research and Innovation (CRI) on **3rd and 4th Aug., 2021**. Sri. CH. Hussaian Basha, Asst Professor, EEE & CRI member is the Resource person for this workshop. Sri S. Khaja Khizar Assistant Professor CSE dept., CRI member, coordinated the workshop. Total 60 participants from ECE, EEE and CSE departments of the college participated in the workshop.

Syllabus:

DAYS	TIMINGS	COURSE CONTENT
Day1	09.00am to 11.00am	1.A brief introduction of computational intelligence & its applications. 2.The solar photovoltaic characteristics at different irradiation and temperature conditions.
Day2	09.00am to 11.00am	1.Mathematical modelling of single diode circuit based solar PV cell by using Matlab/Simulink Window. 2.Mathematical modelling of double diode circuit based solar PV cell by using Matlab/Simulink Window. 3.Design and explanation of importance of maximum power point tracking techniques

Outcome of the FDP Program:

- The students can go for internship and faculty can try to publish a Scopus paper.



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



2 DAY WORKSHOP ON COMPUTATIONAL INTELLIGENCE AND ITS APPLICATIONS ON PV SYSTEMS

Organized by

Centre for Research and Innovation

Event on

03rd & 04th August 2021

@ 09 am - 11am

Resource person : CH. Hussaian Basha,
Assistant professor,
EEE & CRI Member, KSRMCE

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Sri S.khaja Khizar
Coordinator

Dr. M.V.Narayana
Dean CRI

Dr. V.S.S. Murthy
Principal

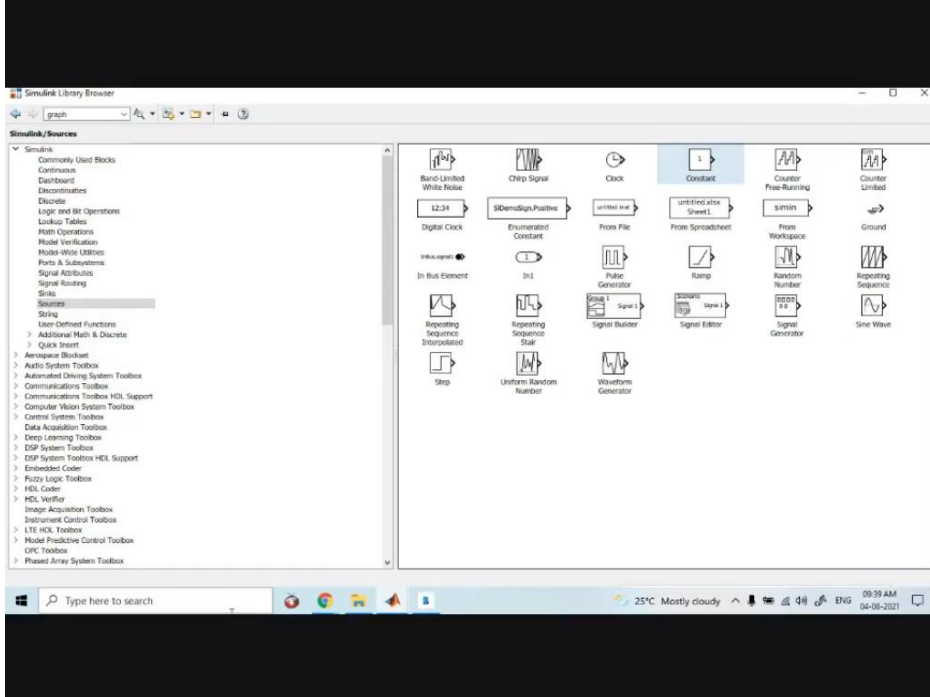
Prof. A. Mohan
Director

Sri. K. Chandra Obul Reddy
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Smt K. Rajeswari
Correspondent,
Secretary, Treasurer

Sri K. Madan Mohan Reddy
Vice-Chairman

Sri K. Raja Mohan Reddy
Chairman



CH Hussaian Basha

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Coordinator

Principal