A Five-Day Online Faculty Development Program
On
Imaging and Neural Networks
From 20th July 2020 – 24th July 2020

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ORGANIZED BY
DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING
AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY,
TAMARAM (V), MAKAVARAPALEM (M),
VISAKHAPATNAM-531113

AVANTHI EDUCATIONAL SOCIETY

Avanthi Educational Society under the Leadership of Sri M.Srinivasa Rao garu as chairman was started in the Year 1991. Within a short span of its establishment, the group has made a remarkable stride in the field of education offering various courses at Under Graduate, Post Graduate, Pharmacy & Engineering levels. This milestone is achieved as the institution carved itself to impart quality and career oriented education, countering the challenges of the modern world through planning, dedication, determination, prompt execution and with the innovative ideas of our advisory board.

Today, Avanthi Educational Society is proud to have a strength of over 16000 students with 15 institutions under its ambit. It is the path of glory towards the success during the last 19 years. The institution has been adjudged many times as the second best educational institutions in the twin cities and 16th best in all over India through the impartial survey made by the renowned magazine "India Today".

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

AIET started in the year 1999 and offers various courses at Engineering and PG level.The college is providing with rooms, computer centre, laboratories and seminar hall with audio-visual equipment. Industry Institute interaction is conducted regularly to emphasize on the latest trends in the present market.

Principal
Avanthi Institute of Engg. & Technology
Tamaram, Makavarapalem Md.,
Visakhapatnam District, Pin-531113

It is very near to Narsipatnam. Frequent bus facilities are available both from Visakhapatnam and Narsipatnam. Very safe and secure hostel facility is available for Girl students. These are the additional facilities besides excellent academic atmosphere in the college campus.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics & Communication Engineering was established along with the MECH, ECE and CSE departments. The department has an intake of 120 students. The department has full-fledged laboratories, workshops. The department is staffed with qualified, experienced and dedicated members who engagein research activities. The department with active support from the management is aiming to expand its research activities and industrial consultancies.

ABOUT COURSE

The FDP is designed to get exposure on the neural networks, neural network, and a computer program that operates in a manner inspired by the natural neural network in the brain. The objective of such artificial neural networks is to perform such cognitive functions as problem solving and machine learning, and how it shaped to understand the basics of artificial intelligence by implementing different techniques like convolutional neural networks, shallow neural networks and deep neural networks

PROGRAM SCHEDULE

S.No	DATE	TOPICS COVERED	RESOURCE PERSON
1	20/07/2020 10:00AM-01:00 PM	Basics of imaging techniques.	Mr. E. Govinda
2	21/07/2020 10:00AM-01:00 PM	Basics of neural networks	Mr. E. Govinda
3	22/07/2020 10:00AM-01:00 PM	Shallow neural networks	Mr. E. Govinda
4	23/07/2020 10:00AM-01:00 PM	Deep neural networks	Mr. E. Govinda
5	24/07/2020 10:00AM-01:00 PM	Convolutional neural networks	Mr. E. Govinda

Note: All the faculties Attendance is Mandatory

PROGRAM COORDINATOR:
Mr. T. PATTALU NAIDU, +919502062335, Assistant Professor, ECE.

PRINCIPAL
Dr. C. P.V.N.J Mohan Rao
Avanthi Institute of Engineering & Technology

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AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram, Makavarapalem, Visakhapatnam-531113

TOPIC : A Five Day Faculty Development Program on "Imaging and neural networks"

Date/s : 20-07-2020 to 24-07-2020

List of the participants:

S.No	Name Of The Teaching Faculty	Designation
1.	R. PrasadRao	Associate Professor
2.	T. Pattala Naidu	Assistant Professor
3.	M. RanganathSarat	Assistant Professor
4.	K. Uma Shankar	Assistant Professor
5.	R. AneelKumar	Assistant Professor
6.	D.PavanaKumari	Assistant Professor
7.	P. RaghavaKumari	Assistant Professor
8.	K.Dhilli	Assistant Professor
9.	S. Phanivaraprasad	Assistant Professor
10.	B. AjithaTeja	Assistant Professor
11.	D.SrinivasaRao	Assistant Professor
12.	K. Santosh Kumar	Assistant Professor
13.	G. Sandhya	Assistant Professor
14.	K.V.S. Ganesh	Assistant Professor
15.	B. Mahalakshmi	Assistant Professor
16.	K. Madhavi	Assistant Professor
17.	R. Sireesha	Assistant Professor

Coordinator

Principal
Avanthi Institute of Engg. & Technology
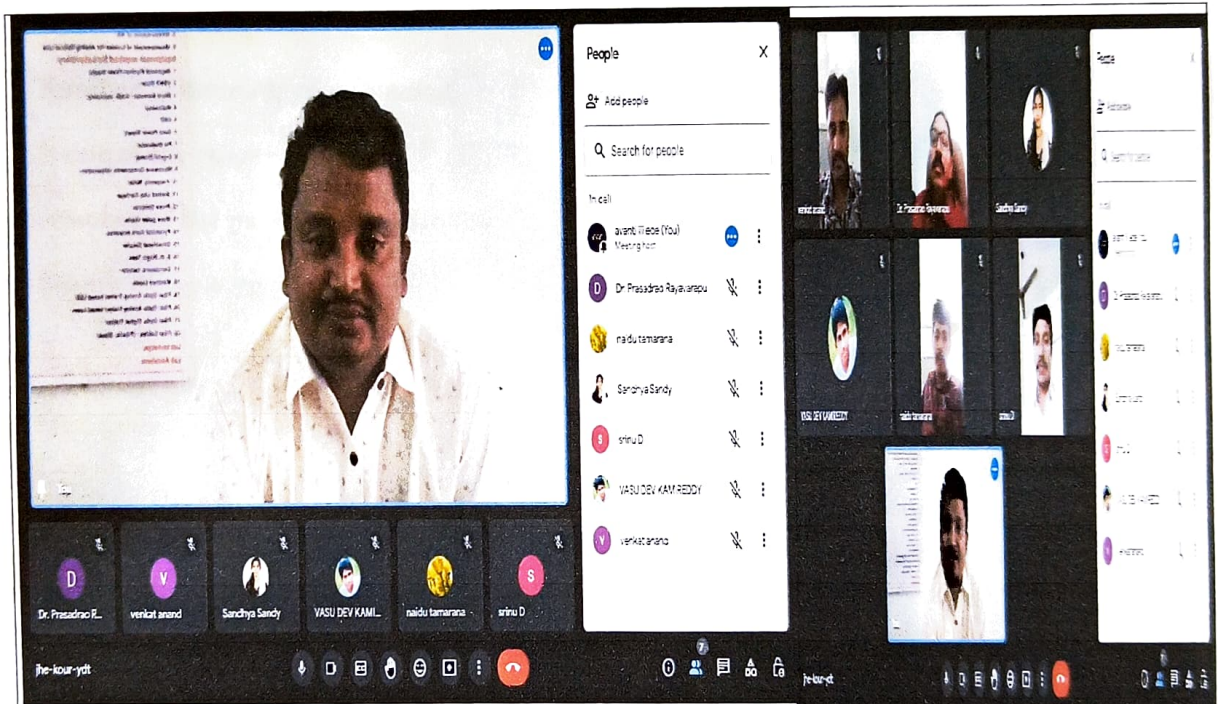Tamaram, Makavarapalem Md.,
Visakhapatnam District, Pin-531113

Name of the program: Imaging and Neural Networks

Date/s : 20-07-2020 to 24-07-2020

Organized by : Department Of Electronics & Communication Engineering

Participants And Resource Person Attending The Faculty development Program On "Imaging and neural networks"

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Coordinator

PROGRAM REPORT

A brief report on the Faculty Development Program conducted during 20-07-2020 to 24-07-2020 by Department of Electronics & Communication Engineering, AIET, makavarapalem for ECE faculty for 5days. The details of the program are as follows.

Name of the Program	:IMAGING AND NEURAL NETWORKS
Number of hours/days conducted	: 15/5
Name of the resource person	: Mr. E. Govinda
Number of the participants attended	: 17
Details of the topics covered	: Basics of imaging techniques, neural networks basics, shallow neural networks, deep neural networks, convolutional neural networks.
Outcome of the program	: This program benefitted the faculty to learn and understand about the deep learning process in neural networks and the different algorithms that are used to analyse the behaviour of an AI.

Coordinator

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