Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk

on

"Face Recognition Technology"

Department of Electronics and Communication Engineering organised one day technical talk on Face Recognition Technology.
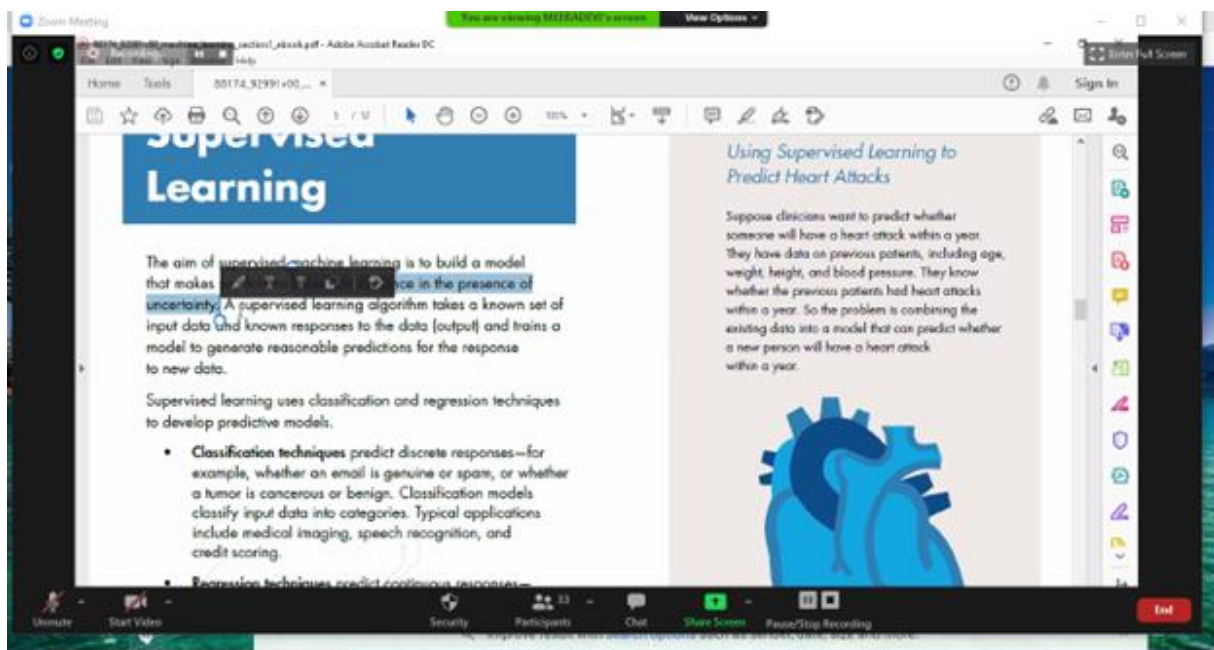
This Technical talk will immensely help the faculty members, researchers and Students to broad base their knowledge on Face Recognition Technology which would enable them to pursue an effective research career. This will be focused on latest research in different domains of electronics and communication engineering, in particular design, communication systems. The book also discusses the emerging applications of novel tools and techniques. He explained about how to recognize the face of the individual. With the innovation of new technology, the system can validate a person using an image or video using a recording device such as a camera. It is widely used to give user-based authorization, protection of data through eye or face detection. It compares the information fetched through the device with the saved information in the database.

RESOURCE PERSON: Dr. Siva Kumar, Hod, GRTIET, Tiruthani

Date	: 09.08.21
Venue	: Gallery, SITAMS.
Target Audience	: FACULTY AND FINAL YEAR STUDENTS

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Tech-Talk on: Introduction to Lifi Technology

Sreenivasa Institute of technology and Management studies Department of Electronics and Communication Engineering organized a Tech-Talk on **"LIFI Technology" on 21st February 2022** in Room no 523 Smart classroom.

The speaker was Presented to Faculties of various engineering colleges, SITAMS. In his talk emphasized the importance of Lifi technology for the developments of engineering applications. Li-Fi is the abbreviation of light fidelity and was expressed by Harald Hass who was a German physicist. In Li-Fi the information is transferred through light signals instead of radio waves and mostly Wi-Fi plays an efficient role for wireless information coverage within the buildings whereas by using Li-Fi we can provide the excel density data coverage in a particular area without any radio interference issue. The lecture started around 10:15 Am and ended by 12:00 pm.

The Faculty found the lecture extremely informative.

Resource person: Dr. P. Bhuvaneswari

For all participants certificates has been distributed

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk
on
"Speech Recognition"

Department of Electronics and Communication Engineering organised one day technical talk on Speech Recognition.
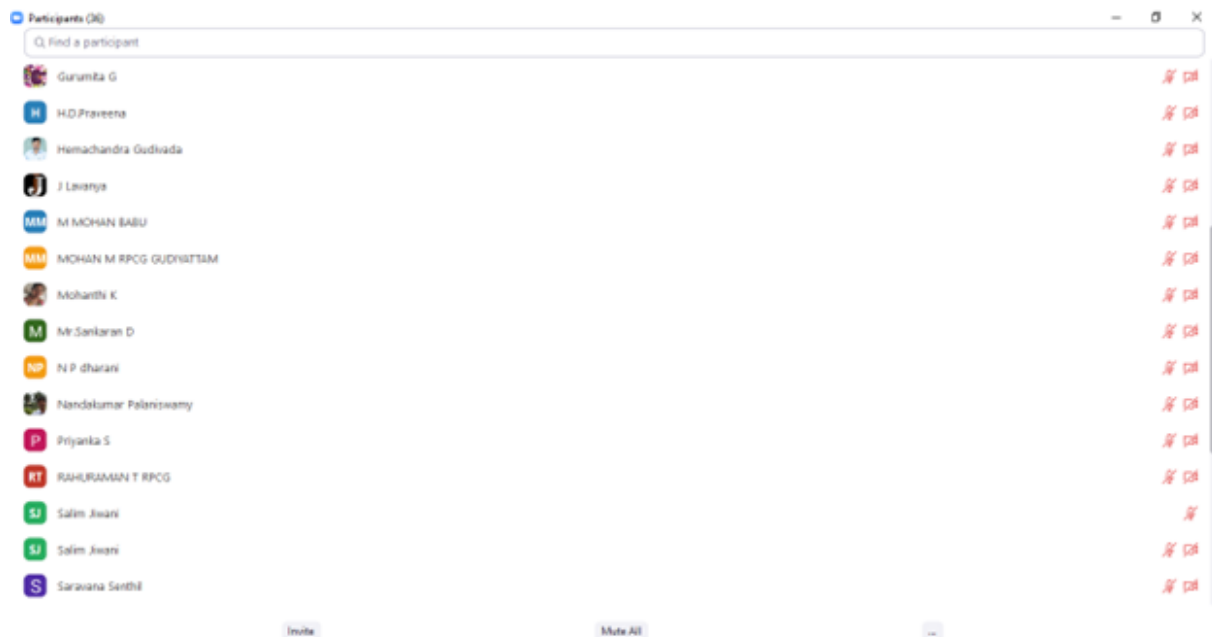
This Effective Technical talk will help the faculty members, researchers and Students to broad base their knowledge on Speech Recognition would enable them to pursue an effective research career in their growth. This will be focused on latest research in different domains of Electronics and Communication Engineering, in particular Smart Recognition design, communication systems. The book also discusses the emerging applications of novel tools and techniques. He explained about how the Problems has been rectified, applications emotions of the individual.

RESOURCE PERSON: **Mr. K. Vinaygam**

Date : **10.12.19**

Venue : Online.

Target Audience : FACULTY

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk

on

"Under water on Wireless Communication"

Department of Electronics and Communication Engineering organised one day technical talk on Under water on Wireless Communication.

This Effective Technical talk will help the faculty members, researchers and Students to broad base their knowledge on Different types of Wireless Communication would enable them to pursue an effective research career in their growth. This will be focused on latest research in different domains of Electronics and Communication Engineering, in particular to design the application in communication systems.

On account of the technical talk on "Under water on Wireless Communication" the resource person spoke briefly on the recent technologies and also talked about programming skills what students require to compete in the emerging technical world. He motivated the students to eagerly participate in the events. The technical talk was very interesting and gave the opportunity to discuss about the recent technologies on Wireless Communication. The basic idea of this event is to enhance the knowledge about Wireless Communication to all the participants.

The program was successfully concluded with a formal vote of thanks by (Principal) to the resource person and to all the participants.

RESOURCE PERSON: Dr. Dinesh Kumar

Date   **: 10.1.21**

Venue   **:** SITAMS.

Target Audience **:** FACULTY AND FINAL YEAR STUDENTS

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk
on
"SWARM ROBOT"

A Technical talk on **"SWARM ROBOT"** was organized on 19th February 2021 by Department of Electronics and Communication Engineering at **Sreenivasa Institute of Technology and Management Studies**, Chittoor. Chief Guest Dr. G. P. Ramesh, Chairman, presented a session on **"SWARM ROBOT"**. During his presentation he explained that, Swarm robotics is a step to go near to the collective robotics which is influenced by the self-organized behavior of social animals. With the local interactions and the simple rules, the swarm robotics has the goal to design a huge number of robots with the collection of behaviours like flexible, scalable, and robust. Now, coming to the swarm engineering then it is a discipline which is coming out from a difficult situation or condition and has the goal of defining well-founded methods finally meeting has been concluded.

Dr. K. Gopi, delivered the vote of thanks. More than 70 Participants got benifitted

Venue   **:** Gallery, SITAMS.

Target Audience   **:** FACULTY and Students

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk
on
"EUV LITHOGRAPHY"

A Technical talk on **"EUV LITHOGRAPHY"** was organized on 27th February 2021 at **Sreenivasa Institute of Technology and Management Studies**, Chittoor.

In the past few years, there has been an explosive growth in the popularity and availability of small, handheld devices. EUV lithography (EUVL) is one of the cardinal NGL technologies; others include x-ray lithography, ion-beam projection lithography, and electron-beam projection lithography. Microprocessors made by euvl are up to to 100 times faster than today's most powerful chips. Decrease in size of chip but the speed increases. EUVL technology attains good profundity of focus and linearity for both dense and isolated lines with low NA. Increase in storage capacity. The low thermal expansion substrates provide good image placement.

Dr. K. Gopi delivered the vote of thanks.

Resource person : **Dr. E. Anbarasu**

Venue : Gallery, SITAMS.

Target Audience : FACULTY AND FINAL YEAR STUDENTS