Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk

on

"Artificial Intelligent Systems"

Department of Electronics and Communication Engineering organised one day technical talk on Artificial Intelligent Systems.

This Technical talk will immensely help the faculty members, researchers and Students to broad base their knowledge on Artificial Intelligent Systems 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 AI design, communication systems. The book also discusses the emerging applications of novel tools and techniques. He explained about how machine intelligence detects the emotions of the individual.

RESOURCE PERSON: Mr.K.Bhanu Prakash

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 Artificial Neural Networks (ANN)& Applications of ANN – Face Recognition

Sreenivasa Institute of technology and Management studies Department of Electronics and Communication Engineering organized a Tech-Talk on "**The Introduction to Artificial Neural Networks (ANN) & applications of ANN – Face Recognition**" **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 ANN for the developments of engineering applications citing examples from the case of Facial Recognition. Face detection is one of the most relevant applications of image processing and biometric systems. Artificial neural networks (ANN) have been used in the field of image processing and pattern recognition. He discussed various networking topologies and types of learning in ANN. The lecture started around 10:15 Am and ended by 12:00 pm. The Faculty found the lecture extremely informative.

Resource person: Dr. S. Dinesh kumar

For all participants certificates has been distributed

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk

on

"Role of ICT Role in Building Smart City based on Wireless Technology"

Department of Electronics and Communication Engineering organised one day technical talk on Role of ICT Role in Building Smart City based on Wireless Technology.

This Effective Technical talk will help the faculty members, researchers and Students to broad base their knowledge on Smart City based on Wireless Technology 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 city design, communication systems. The book also discusses the emerging applications of novel tools and techniques. He explained about how machine intelligence detects the emotions of the individual.

Information Communication Technology is considered the pillar for development/building smart city. In this presentation, the student highlighted the specification of smart city and important features and components of smart city. Briefly ICT architecture will be discussed and try to prove the statement why ICT is necessary and how important ICT is for smart city. The talk will also highlight some of the use cases of the segments/features of smart city driven by ICT.

RESOURCE PERSON: **Mr. Keertika**

Date **: 10.11.21**

Venue **:** Computer lab, SITAMS.

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

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk

on

"Mobile Application"

Department of Electronics and Communication Engineering organised one day technical talk Mobile Applications.

This Effective Technical talk will help the faculty members, researchers and Students to broad base their knowledge on Different types of mobile application 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 mobiles, communication systems.

On account of the technical talk on "MOBILE APPLICATION" the resource person spoke briefly on mobile application & development with 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 mobile application. The basic idea of this event is to enhance the knowledge about Mobile applications to all the participants.

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

RESOURCE PERSON: Dr. Suresh

Date   : **10.1.22**

Venue   : Computer lab, SITAMS.

Target Audience   : FACULTY AND FINAL YEAR STUDENTS

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk
on

"Challenges in E-waste Management"

A Technical talk on "Challenges in E-waste Management" was organized on 18th February 2022 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 "Challenges in E-waste Management". During his presentation he explained that, E-wastes are considered dangerous, as certain components of some electronic products contain materials that are hazardous, depending on their condition and density. The hazardous content of these materials pose a threat to human health and environment. Discarded computers, televisions, copiers, fax machines, electric lamps, cell phones, and batteries if improperly disposed can leach lead and other substances into soil and groundwater. Many of these products can be reused, refurbished, or recycled in an environmentally sound manner so that they are less harmful to the ecosystem. Finally he highlighted the hazards of e-wastes, the need for its appropriate management and options that can be implemented. Dr. K. Gopi, HOD/ECE delivered the vote of thanks. More than 70 students got benifitted

Venue : Gallery, SITAMS.

Target Audience : FACULTY AND FINAL YEAR STUDENTS

Sreenivasa Institute of Technology and Management Studies (SITAMS)

Murukambattu, Chittoor, Andhra Pradesh.

Technical Talk
on
"Wireless Internet Security"

A Technical talk on "Wireless internet Security" was organized on 28th February 2022 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 (mobile phones, PDAs, pagers), that can wirelessly connect to the Internet. These devices are predicted to soon outnumber traditional Internet hosts like PCs and workstations. It is easy to imagine a world in which people rely on connected handheld devices not only to store their personal data, check news and weather reports, but also for more security sensitive applications like on-line banking, stock trading and shopping - all while being mobile. Such transactions invariably require the exchange of private information like passwords, PINs and credit card numbers and ensuring their secure transport through the network becomes an important concern. The rest of this report Describes our experiments in greater detail. Section2 reviews the security architecture of current wireless Internet offerings and analyses its shortcomings

Dr. K. Gopi Hod/Ece delivered the vote of thanks.

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

Venue   : Gallery, SITAMS.

Target Audience   : FACULTY AND FINAL YEAR STUDENTS