Workshops

Organizing workshop help to acquire knowledge in a particular field. It provides a chance to interact with experts from the specific field. Students tend to learn about latest information and skills related specific domain which meets industry requirements.

Nowadays, the market is very much demanding and we often come across the issue regarding the level of higher education not meeting the industry expectation. To bridge this gap and equip the students of current generation with new-age technologies, seminars and workshops play an imperative role. Ensuring a proper flow of knowledge Seminars and Workshops assist in passionate interaction and active participation boosting the skills and expertise of students.

Workshops are great for sharing knowledge around a specific topic and teaching participants practical skills in a short period of time. Workshop PowerPoint presentation is what you need to introduce your audience into a one-of-a-kind educational experience or create a new one from scratch with the workshop.

Shridevi Institute of Engineering and Technology regularly organizing workshops on latest technologies which satisfy industry requirements.

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Workshop conducted under IEEE

Date: 22.10.17
Venue: Mechanical Seminar Hall, SIET, Tumkur
Time: 9 A.M to 5 P.M.

IEEE Student Branch Shridevi Institute of Engineering & Technology, Tumkur organized a Workshop on IOT TECHNOLOGY TRENDS & the chief guest Valache Siddalingappa, advisor & project consultant, Pragna Microdesign, INTELNET Technologies, BHEL, Bangaluru were present to deliver his speech about the iots. The chief guest honored by Prof. Aijaz Ahamed Sharief, HoD Dept .Of ECE This event was open to all IEEE members of SIET Tumkur.

Workshop conducted under IEEE

Prof.Aijaz Ahmed Sharief felicitating Chief guest Valache Siddalingappa

Group photo of workshop

The paper presentation competition was conducted on 23/03/2018.the students of 6th & 8th semester had participated. The students who won the prizes are :

WORKSHOP AND PAPER PRESENTATION DETAILS OF STUDENTS:

Student name	semester	Prize
Priyanka	6th	1st
Y Mahesh sigh	6th (2010 Scheme)	2nd
Vinay S.P	6th	3rd

Audience gathering during paper presentation

Vote of thanks delivered by Prof. Raghavendra D

Prof.Aijaj Ahmed Sharief distributing certificates to participants

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Two Day's Workshop On Analog Design

Title: Analog design
When: 15.11.2018 to 16.11.2018
Where: Shridevi Institute of Engineering & Technology ,Tumkur
Category: Workshop
Target Audience: Students of 3rd & 5th Semester students of ECE & EEE
Venue : EDUSAT Hall & VLSI Lab
Resource Person: Sri Saragur Narasimhan, System Architect, Saroja Enterprises & Saragur Systems,Mysuru

In collaboration with Shridevi Institute of Engineering & Technology and BITES announces two days workshop on
Analog Design
Venue – EDUSAT Hall,ECE Department, Shridevi Institute of Engineering & Technology, Sira Road, Tumkur
November 15 & 16, 2018.

Description:

It was the great day for ECE & EEE Dept. of SIET when the Two Days Hands-on Workshop on Analog design was inaugurated by the principal Dr.T Hemadri Naidu, presence of Vice Principal Dr. H.B. Pani raju, HOD Dept. of ECE Mr. Aijaz Ahamed Sharief & coordinator madhu B.C dated on November 15, 2018

Workshop Summary:

This is two days orientation workshop to analog design. Sri Saragur Narasimhan, System Architect, Saroja Enterprises & Saragur Systems,Mysuru taught the students introduction about analog design and analog mathematics, simulations on opamp such as differential opamp, integrator and inverting and non inverting amplifiers ,non inverting summer ,MOSFET ,Differential opamp. the simulations conducted using software tina done by hands-on experience. This workshop gives an exposure to participants about analog design, simulation & its applications. we are thank full to Sri Saragur Narasimhan, System Architect, Saroja Enterprises & Saragur Systems,Mysuru & sri KNM murthy, chairman, BITES on behalf of management, principal ,staffs & students.

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Inauguration of two days workshop on Analog Design by Dr. Hemadri Naidu, Principal, SIET,Tumkur.

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Technical Symposium & Quiz Contest 2019

Department of Electronics and Communication Engineering organized a one day Technical Symposium and Quiz Contest "Pragnya 2019" on 21/03/2019 at EduSat Hall, SIET Main Block.

Date   : 21/03/2019

Venue   : EduSat Hall

Target Audience: All Students of 4th, 6th & 8th Semester.

One day Technical Symposium and Quiz Contest

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Department of Computer Science & Engineering

Cordially Invite you for the Inauguration of

A One Day Workshop on

BIG DATA & DATA ANALYTICS

In association with

SEP SKENPER
TECHNOLOGIES
SCALABILITY · ENRICHMENT · PERFORMANCE

Inauguration by

Dr. M. R. HULINAYKAR
Chairman & Managing Trustee,
Sri Shridevi Charitable Trust (R.), Tumakuru

Sri. M. S. PATIL
Director - HR & IT, SCT, Tumakuru

Chief Guest

Dr. PRADEEP PATIL
Director
Skenper Technologies, Tumakuru

President

Dr. HEMADRI NAIDU T.
Principal, SIET

Organising under:

COMPUTER SOCIETY OF INDIA
ESTD. 1965

CSI - SIET STUDENT CHAPTER

Date: 22nd March 2019

Time: 8:30 am

Venue: EduSat Hall, SIET Main Block

Prof. CHETHAN M. S.
Asst. Professor - CSE
Programme Coordinator

Prof. SHANMUKA SWAMY C. V.
Associate Professor & Head - CSE
Convener

PRINCIPAL
SIET., TUMAKURU.

Three day Workshop on "Embedded Systems and IoT"

Date of Conduction : 22-04-2019 to 24-04-2019
Venue   : Network lab and microprocessor Lab, SIET, Tumakuru
Activity   : **Workshop**
Description:

A Three day workshop was organized by Dept., of CSE on "EMBEDDED SYSTEMS AND IOT" in association with BITES under CSI-SIET student chapter in SIET, Tumakuru from 22-04-2019 to 24-04-2019 for 8th & 6th Sem CSE & ISE students. The objective of this workshop was to cover the programming in Embedded systems and integration of IOT.

The inauguration ceremony for the workshop was conducted at 9.30AM on 22-04-2019 in Edusat Hall. The inaugural programme was graced by chief guest Sri. Narasimhan.S.M, CEO, Saroja Enterprizes, Mysuru. Guest of honor Sri. M.S.Patil, Director, HR & IT, SCT, Tumakuru, Presided by Dr. M.R. Hulinaykar, Chairman, Sri Shridevi Charitable trust, Tumakuru, Dr. T. Hemadri Naidu, Principal, SIET, Tumakuru, Prof. C V Shanmuka swamy, Convener, Associate Professor & Head, CSE dept., SIET, Tumakuru & Prof. Chethan M S, Assistant Professor &, workshop coordinator, Prof. Raghu Nandan.R Assistant Professor and CSI Coordinator CSE dept. Faculty members of CSE Department and participants (8th & 6th sem CSE & ISE students) were present in the function. The Master of ceremony was Prof. Raghu Nandan.R , Asst professor, CSE dept. The function started with invocation by Ms. Bhargavi Bapu.M 8th Sem CSE , welcome speech delivered by Ms. Prarthana. M. G, 8th Sem CSE. The inaugural function was inaugurated by lighting the lamp by dignitaries on the dais, Prof. Chethan M S, Assistant professor, CSE dept., introduced the chief Guest Sri. Narasimhan.S.M, Dr. T. Hemadri Naidu, Principal, addressed the gathering and vote of thanks was delivered by Ms. Harshitha.B.C.

The chief Guest Sri. Narasimhan.S.M addressed the gathering. He congratulated the participants and organizers for taking the initiative for organizing workshop Embedded Systems and IOT. He highlighted the scope of Embedded system and integration of IOT. Dr. Hemadri Naidu T, Principal, in his address described about scope of learning new and upcoming technologies that enhances the placement opportunities. He motivated the students to avail best out of this three day workshop and gain insight into design aspects to take up the innovative projects. The inaugural was closed by Thanksgiving. Vote of thanks was offered by Ms. Harshitha.B.C CSE student. She thanked all the invited guests and participants for gracing the occasion by their solemn presence.

On day-1 the sessions of workshop was started by inauguration. The speaker Sri. Narasimhan.S.M, CEO, Saroja Enterprizes, Mysuru has deliberated the basic programming interface of embedded programming.
The website for the IDE is www.embed.com in this website the program can be written and compiled.

Embedded Design Solutions Workshop

1. Introduction to ARM University program and registration

2. Introduction to Open source Embedded Systems

3. Introduction to the ARM Architecture

4. Introduction to few multiple vendor platforms (NXP, SiLabs, ST Micro etc)

5. Introductions to Boards, Modules and Components

6. Hands on software/firmware for all the experiments listed below

After lunch the afternoon session started, in this session hardware components were distributed to batches and a basic blinky Led program was written.
The program was written and compiled for different boards and taught how to load the program into the board.

Hands on (complete H/W and S/W) the below experiments on three platforms

General purpose IO interfaces

Blink LED to start with

PWM output on led ports

Segment LED interface

LCD interface

Key buttons interface

The day ended with lab session on the learnt programs of the day.

On day-2, The speaker Sri. Narasimhan.S.M, CEO, Saroja Enterprises, Mysuru; taught about Timer interface, Interrupts handling, ADC interface, DAC Interface. Motor interface, Relay interface, Waveforms generations for specific drives (Sine, Ramp, triangular etc), Different types of Sensors interface (Ultra Sound, Temperature), Infra red LED interface, USB Interface, RS232 Board to Board communication, Board to PC communications, I2C Board to Board Communications, SPI Board to Board Communications, Details of Module interfaces like Xbee, Blue tooth, Wi-Fi, GSM, GPS etc, Test points are available for waveform measurements with the scope.

On Day 3 , the resource person thought about the Advance Modular Interface Programming . In the morning session, the students coded temperature variation program, the port consists of Temperature Sensing Unit, LCD Module, Switching Device, Driver, PWM generator,. It will operate based on the values or ranges of temperature in the system which is detected by the Temperature Sensor. The Temperature Sensor consists of an LM35 IC. The temperature sensor is connected to the ADC input of the PIC μC. It converts the analog input to a digital value.

Next student's coded sine and cosine wave signal generation program, to generate sine wave one needs to output various analog voltages of different values between -1 to +1 multiplied by amplitude. Here for the experiment 20 different values, students repeated them thus generating a periodic approximation sine wave.

In an Afternoon session, coding was done for detecting targeted object using Ultrasonic sensors. Ultrasonic Sensors measure the distance of target objects or materials through the air using "non-contact" technology. They measure distance without damage and are easy to use and reliable. This kind of sensors is very common maker's community as well as industrial applications. They are pretty cheap and interfaced with minimal electrical circuitry setup.

Ultrasonic sensors operations mainly dependent on ultra-sound waves. They send some sound waves in the air, which will reflect back to them to tell how close an object is to the source of the sound wave.

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The Resource person Sri. Narasimhan.S.M, CEO, Saroja Enterprizes, Mysuru addressed the gathering of the valedictory function. He expressed his appreciation towards the participant's enthusiasm in the workshop. Dr. Hemadri Naidu T, Principal, SIET, felicitated the resource person and also addressed the gathering. He described about how embedded technology is used in smart cities. The certificates were distributed to the participants by the dignitaries. The participants were given chance for the impression on the workshop. The Valedictory function was closed by Thanksgiving. Vote of thanks was offered by Ms. Chandana H, 8th sem CSE student. She thanked all the invited guests and participants for gracing the occasion by their solemn presence.
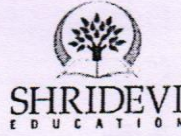

Inaugural Function

Workshop in Progress

Valedictory Function-Certificate distribution

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Department of Computer Science & Engineering

Cordially Invite you for the Inauguration of

A Two Day Workshop on

● MACHINE LEARNING AND ITS APPLICATIONS

Inauguration by
Dr. M. R. HULINAYKAR
Chairman & Managing Trustee,
Sri Shridevi Charitable Trust (R.), Tumakuru

Sri. M. S. PATIL
Director - HR & IT, SCT, Tumakuru

Chief Guest
Dr. DINESH R.
Principal Engineer
Samsung Electro Mechanics, Bengaluru

Guest of Honor
Dr. HEMADRI NAIDU T.
Principal, SIET

President
Prof. SHANMUKA SWAMY C. V.
Associate Professor & Head - CSE
Convener
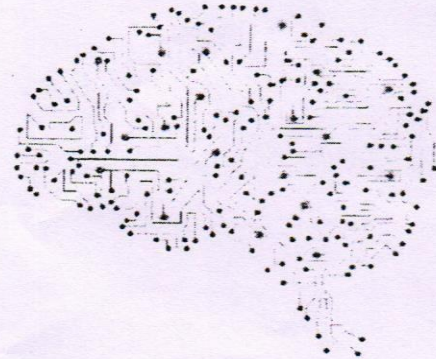
Conducting under:

CSI - SIET STUDENT CHAPTER
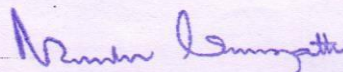
Date: 19ᵗʰ November, 2018

Time: 9:00 AM

Venue: Edusat Hall, SIET Main Block

Hearty Welcome by
HOD, Staff and Students of CSE

Prof. CHETHAN M. S.
Asst. Professor - CSE
Programme Coordinator

PRINCIPAL
SIET., TUMAKURU.

A two - day workshop on "machine learning and its applications".

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2. **Department of Electronics & Communication Engineering in Association with IETE(ISF) Bengaluru**

Report on
"TWO DAYS WORKSHOP ON MACHINE LEARNING & WEKA TOOL"
At
Shridevi Institute of Engineering & Technology, Tumkur
On
27th & 28th May 2022

Department of Electronics and Communication Engineering at Shridevi Institute of Engineering & Technology, Tumkur in association with IETE (ISF) bengaluru has organised **online two days workshop on "Machine Learning and WEKA Tool"**. Using google meet app platform on 27th and 28th may 2022.

Dr.Narendra Vishwanath, princiapl SIET appreciated the efforts of department for organising technical activities.

Prof.Aizaz Ahmed Sharief, department Head, advised all students to increase their programming skill which required in software companies by attending technical session .
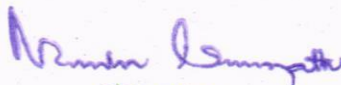
Event coordinator Dr.umesha G B has addressed welcome speech and discussed about importance of machine learning in software field. **Resource person Dr.Padmaja Grandhe , Professor , PSCMR college of engineering & Technology, Vijayawada , Andrapradesh ,** has delivered useful information about fundamental of machine learning , applications of machine learning and explained about future trends in machine learning application in medical sectors and **other resource person Prof.P S Silpa,Associate Professor PSCMR college of engineering & Technology, Vijayawada , Andrapradesh ,** explained about how to use and install WEKA Tool for machine learning applications.

Venue: Edusat Hall

Place: SIET Campus

Date: 27th and 28th May 2022

Online workshop on "Machine Learning & WEKA Tool " by Dr.Padmaja Grandhe and Prof.P S Silpa Associate Professor.

PRINCIPAL
SIET., TUMAKURU.

Picture1: Online Workshop by Dr. Padmaja Grandhe

Picture2: Event Group Photo

Department of Electronics & Communication Engineering in Association with IETE(ISF) Bengaluru

Report on

"Online workshop on NPTEL Local Chapter Awareness Programme"

At

Shridevi Institute of Engineering & Technology, Tumkur

On

25th May 2022

Department of Electronics and Communication Engineering at Shridevi Institute of Engineering & Technology, Tumkur in association with IETE (ISF) bengaluru has **fecilated Online workshop on NPTEL Local Chapter Awareness Joint intiative Programme of IIT'S & IISc under MHRD , Govt of India.** Using you tube live streaming platform on may 25h 2022.Dr.Narendra Vishwanath, princiapl SIET appreciated advised students to participate in different quality improvement programmes to reach industrial requirements. Prof.Aizaz Ahmed Sharief , department Head , wished students to upgrade their technical knowledge and awareness about NPTEL online certificate courses by attending technical session .

Event coordinator Dr.umesha G B has addressed welcome speech and discussed about importance of how to make use of NPTEL cerfication courses in multi dimension . Resource person from IITs has explained in detail about NPTEL ONLINE certificate courses eligibility conditons , registration fees , certificates categories and its weightsge across the country.
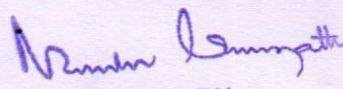
Dr.Pradeep K G M , Associate Professor & ISF coordinator has expressed token of gratitude to all who involved in making the technical talk successful.

Students of ECE department Second , Third year were actively participated in this event .Prof .Raghavendra , Prof.pradeep kumar SS has wished and advised students to improve their technical knowledge in latest technologies.

Venue: Edusat Hall
Place : SIET Campus
Date: 25-05-2022

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Picture1: Welcome Speech addressed by E&C HOD

Picture2: Event Group Photo

Event Conducted : **Two days hands on workshop on R- Programming**
Date of event : **20-09-2021 to 21-09-2021**
Venue : **Network Lab**
Resource Person : **Dr. Sunitha N R, Professor, Department of CSE, SIT-Tumkur .**
Target Audience : **CSE & ISE students**

A two day workshop on " R-Programming" was conducted by CSE department under CSI-SIET student chapter in SIET ,Tumkuru from 20-09-2021 to 21-09-2021for engineering students. The objective of this workshop was to train students to develop software using R-language .which help in statistical computing, design and data analysis in big data.

Inauguration of two days workshop on R-Programming by Dr. Narendra Viswanath, Principal, SIET, Tumkur.

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Dr.Narendra Viswanath, Principal giving memento to the resource person