SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SreeSainath Nagar, Tirupati- 517 102

Value Added Courses offered
during the Academic Year: 2017-18

Department	Title of the Value Added Course
Electrical and Electronics	Add-on Course on Arduino Based Programming and Circuit Design
	Add-on course on Basic Application Design Using Arduino Uno
Mechanical Engineering	Value Added Course on 3D Printing of Automobile components
Electronics and Communication Engineering	Hands on Training on Modeling and Simulation of Computational Electromagnetics Using Finite Element Method
	Add-on course on GUI Design Using MATLAB – HANDS ON
Computer Science and Engineering	Add-on course on Big data analytics using machine learning algorithms
	Add-on course on Document database programming using MongoDB and Python
Electronics and Instrumentation Engineering	Add on Course on Graphical Programming using LabVIEW
Information Technology	Add-on Course on Preparing and Writing Technical Paper
	Training Program on Digital Image Processing using MATLAB
Computer Science and Systems Engineering	Add-on course on Building AR and VR apps in Unity
	Hands-on Training on Predictive modeling and machine learning with MATLAB
Master of Computer Applications	Skill Development Programme on Machine Learning and Artificial Intelligence Techniques
Placement and Training	A Boot camp Programme on Project Based Learning (PBL) in JAVA by In-house Faculty certified by WIPRO.
Basic Science and Humanities	Hands on Training on ETIQUETTES
	Training on CRITICAL THINKING

DEAN (ACADEMICS)
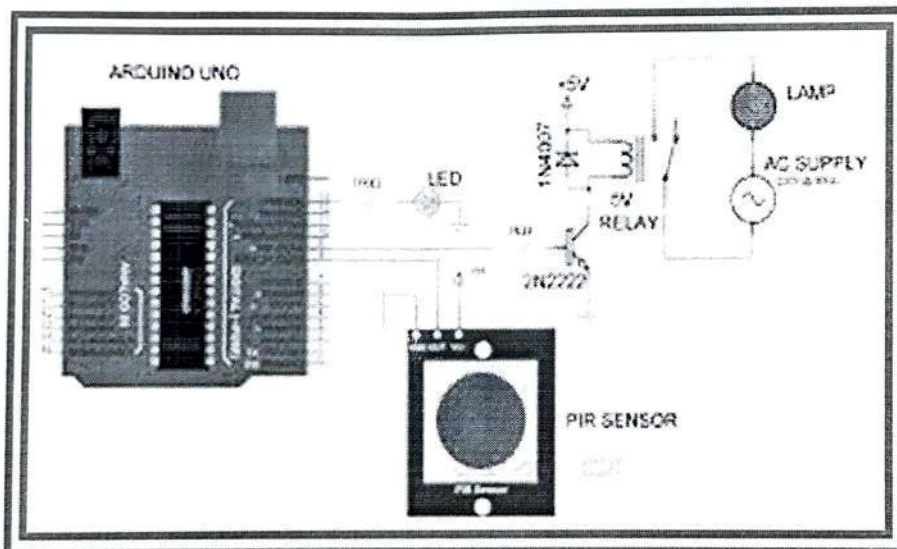
SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, A. Rangampet – 517 102

Add on course
On

Arduino Based Programming and Circuit Design

Date   :   25th Oct to 2nd Nov 2017
Target Group   :   B.Tech EEE Students

Resourse Persons

Dr G Hari Krishnan, Associate Professor, EEE
Mr G S Arunkumar, Assistant Professor, EEE

ADD-ON COURSE

on

ARDUINO BASED PROGRAMMING AND CIRCUIT DESIGN
(25th October to 2nd November 2017)

OBJECTIVE:

To make department of EEE Students Industry ready and competent enough in Core Placements.

COURSE OUTCOME(S):

After successful completion of the course, the students will be able to design and program their circuit for specific applications using Arduino Uno. Also understand the design procedure and hardware and software protocols to be considers for domestic or industrial electrical application design.

COURSE SCHEDULE:

Stage01:	Registrations	Day 1	1 hr
Stage 02:	Inauguration and Welcome address	Day 1	1 hr
Stage 03:	Conducting Trainee Pre-requisite Assessment to understand the knowledge base of the participant, and to modulate the level of training deliverance	Day 1	1 hr
Stage 04:	Discussion on the Pre-requisite Assessment	Day 1	1 hr
Stage 05:	Orientation towared basic programming and circuit design	Day 2	3 hrs
Stage 06:	Class Room Training Sessions	Day 2- Day 6	23 hrs
Stage 07:	Design Exercises (Using Arduino Uno Board, Sensors and relays)		
Stage 08:	Final Assessment for Certification and Valedictory.	Day 6	2 hrs
			32 hrs

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD-ON COURSE

on

ARDUINO BASED PROGRAMMING AND CIRCUIT DESIGN

(25th October to 2nd November 2017)

DETAILED SYLLABUS

(Training Process Flow)

1	Basic building blocks of Embedded Application
2	Selection of embedded processors
3	Arduino Uno Pin configuration, and basic programming
4	Connecting Analog and digital sensor with Arduino Uno
5	Connecting Display devices with Arduino Uno
6	Interfacing relays with Arduino Uno
7	Application design with Ultrasound sensor, IR sensor and temperature sensor
8	Mini project for final assessment.

SREE VIDYANIKETHAN
Engineering College
(Autonomous)

CERTIFICATE OF PARTICIPATION

IEEE
SVEC
STB-62331

This is to certificate that Mr./Ms _DODDI VENKATA SUNIL_ of B.Tech EEE has

participated in Add on Course on "ARDUINO BASED PROGRAMMING AND CIRCUIT DESIGN" held during

25th October to 2nd November 2017 organized by Department of Electrical and Electronics Engineering,

Sree Vidyanikethan Engineering College (Autonomous), Tirupati.

COURSE COORDINATOR

HOD-EEE

HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

SREE VIDYANIKETHAN
Engineering College
(Autonomous)

CERTIFICATE OF PARTICIPATION

IEEE SVEC
STB-62331

This is to certificate that Mr./Ms _P. SAIKRISHNA_ of B.Tech EEE has

participated in Add on Course on "ARDUINO BASED PROGRAMMING AND CIRCUIT DESIGN" held during

25th October to 2nd November 2017 organized by Department of Electrical and Electronics Engineering,

Sree Vidyanikethan Engineering College (Autonomous), Tirupati.

COURSE COORDINATOR

HOD-EEE

HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. RANGAMPET
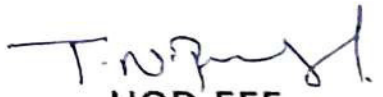CHITTOOR (Dt.) - 517 102, A.P.

SREE VIDYANIKETHAN

Engineering College
(Autonomous)

CERTIFICATE OF PARTICIPATION

IEEE
SVEC
STB-62331

This is to certificate that Mr./Ms _____ **V. LAVANYA** _____ of B.Tech EEE has

participated in Add on Course on "ARDUINO BASED PROGRAMMING AND CIRCUIT DESIGN" held during

25th October to 2nd November 2017 organized by Department of Electrical and Electronics Engineering,

Sree Vidyanikethan Engineering College (Autonomous), Tirupati.

COURSE COORDINATOR

HOD-EEE
HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

REPORT - ON
ADD ON COURSE ON
ARDUINO BASED PROGRAMMING AND CIRCUIT DESIGN

25th Oct to 2nd November 2017

ORGANIZED BY: Department of Electrical and Electrical Engineering, SreeVidyanikethan Engineering College

Organizer and Resource Persons:
1. Dr. G. Hari Krishnan, Associate Professor, EEE and
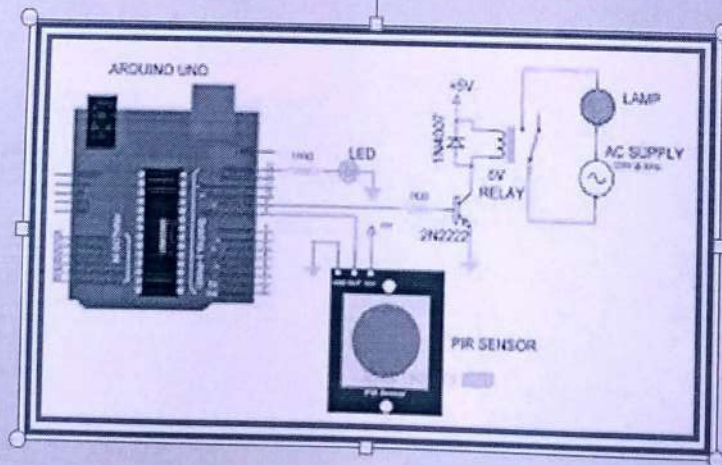2. Mr. G S Arun Kumar, Assistant Professor, EEE

INVITATION

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
Sree Sainath Nagar, A. Rangampet – 517 102

Add on course
On
Arduino Based Programming and Circuit Design

Date   :   25th Oct to 2nd Nov 2017
Target Group :   B.Tech EEE Students

Resourse Persons
Dr G Hari Krishnan, Associate Professor, EEE
Mr G S Arunkumar, Assistant Professor, EEE

Introduction:

The purpose of the Course "Arduino Based programming and Circuit design" is to expse the students to emerging technologies in the area of Embedded Systems. This course provides practical foundation training that enables immediate and effective participation in Arduino Uno related projects. After successful completion of the course, the students will be able to design and program their circuit for specific applications using Arduino Uno. Also understand the design procedure and hardware and software protocols to be considers for domestic or industrial electrical application design.

Hardware Requirements:
   - i3 or above Processor is required
   - 4 GB or above RAM is recommended
   - Arduino uno board
   - Arduino software
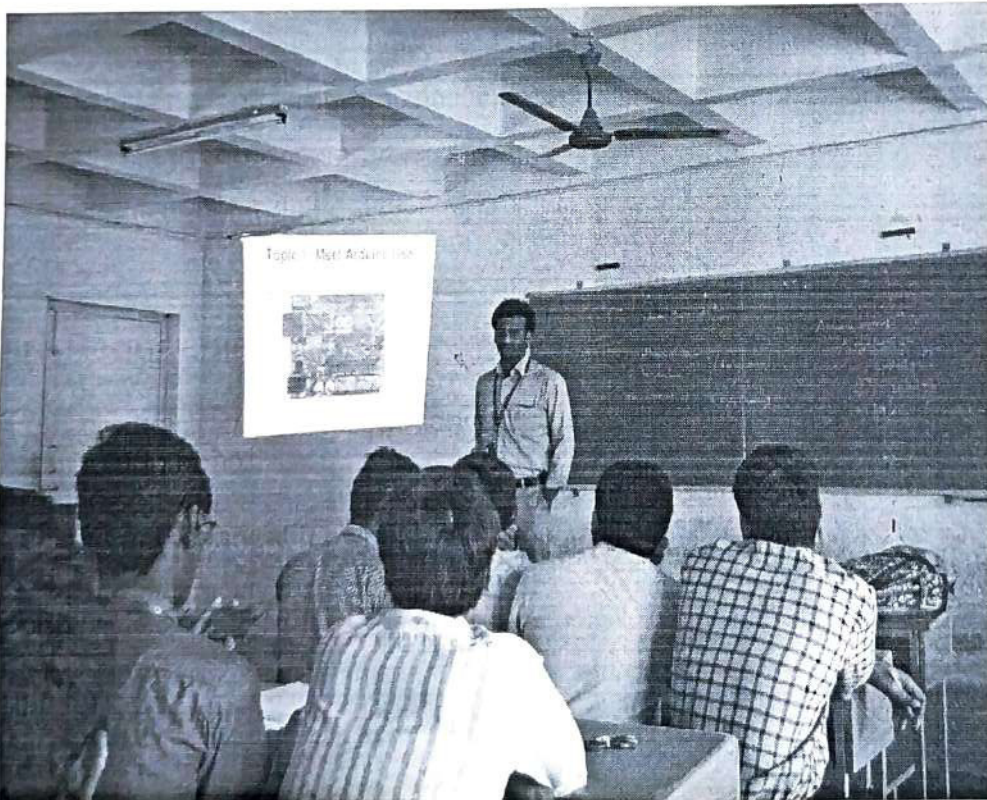   - Sensors and connecting wires

Figure 1: Mr G S Arun Kumar explaining the pin configuration of arduino uno board

During training the on the first day Basic building blocks of Embedded Application were

discussed with the help of ppt and display of Arduino board and sensors. The Selection of embedded processors were explained during second day of the training. During thrid day and fourth day Arduino Uno Pin configuration, and basic programming,Connecting Analog and digital sensor with Arduino Uno. And During fifth day Connecting Display devices with Arduino Uno Interfacing relays with Arduino Uno Application design with Ultrasound sensor, IR sensor and temperature sensor. Mini project for final assessment.

List of Students Participated

S. No.	Name	Roll Number	Year
1.	AGILE CHITHAMBAR REDDY	14121A0205	IV B. Tech-I Semester
2.	DODDI VENKATA SUNIL	14121A0252	IV B. Tech-I Semester
3.	GADWAL SUNIYAS ANJUM	14121A0260	IV B. Tech-I Semester
4.	GORAVA SAIRAM	14121A0270	IV B. Tech-I Semester
5.	K APOORVA	14121A0281	IV B. Tech-I Semester
6.	KANIKAPURAM LOKESH RAJA	14121A0292	IV B. Tech-I Semester
7.	KURUVA HARISH	14121A02A4	IV B. Tech-I Semester
8.	MKEERTHI	14121A02A9	IV B. Tech-I Semester
9.	MADDASANIMOUNIKA	14121A02B5	IV B. Tech-I Semester
10.	MULLA MAINUDDIN	14121A02D8	IV B. Tech-I Semester
11.	P SAIKRISHNA	14121A02F0	IV B. Tech-I Semester
12.	PARIHAR ABHIMANYU SINGH	14121A02F9	IV B. Tech-I Semester
13.	PULIMI DILIP KUMAR	14121A02H5	IV B. Tech-I Semester
14.	RAJA RAGHU SAI SASIKIRAN	14121A02J2	IV B. Tech-I Semester
15.	V LAVANYA	14121A02M3	IV B. Tech-I Semester
16.	S VAZIDALI	15125A0240	IV B. Tech-I Semester
17.	AMPA JASWANTH	15121A0203	III B. Tech-I Semester
18.	BOLISETTY HEMANTH KUMAR	15121A0227	III B. Tech-I Semester

19.	CHAMARTHI SAI THARUN	15121A0234	III B. Tech-I Semester
20.	DOMMARAJU JYOTHSNA	15121A0241	III B. Tech-I Semester
21.	G JAYA PRAKASH	15121A0247	III B. Tech-I Semester
22.	GOKULA HIMALATHA	15121A0253	III B. Tech-I Semester
23.	JALADI VENKATA SAI JASWANTH	15121A0262	III B. Tech-I Semester
24.	PANDLA SREENIVASA ASHOK KUMAR	15121A02E3	III B. Tech-I Semester
25.	PEDDAKOTLA MANOJ KUMAR	15121A02F0	III B. Tech-I Semester
26.	SIBBALA NANDA KUMAR	15121A02J6	III B. Tech-I Semester
27.	SUNDUPALLI KARTHIK	15121A02K4	III B. Tech-I Semester
28.	UPPARA PRATHYUSHA	15121A02L7	III B. Tech-I Semester
29.	VEMINENI RAAJITHA	15121A02M3	III B. Tech-I Semester
30.	Y BALAJI	15121A02M6	III B. Tech-I Semester
31.	B KEERTHI	16125A0202	III B. Tech-I Semester
32.	DANIYALA MOHAN KRISHNA	16125A0206	III B. Tech-I Semester
33.	GADDAM IDRUS BASHA	16125A0211	III B. Tech-I Semester
34.	K YUGANDHAR REDDY	16125A0218	III B. Tech-I Semester
35.	KUNCHAM VIJAYKUMAR	16125A0223	III B. Tech-I Semester
36.	NARREDDY BHARGAVI	16125A0230	III B. Tech-I Semester
37.	PAPIREDDY SASHIKANTH REDDY	16125A0235	III B. Tech-I Semester
38.	PUNJA RAVI KUMAR	16125A0240	III B. Tech-I Semester
39.	MADDERI MAHESH	16125A0249	III B. Tech-I Semester
40.	MALLELA HITHENDRA	16125A0226	III B. Tech-I Semester

HOD-EEE

COORDINATOR

HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)
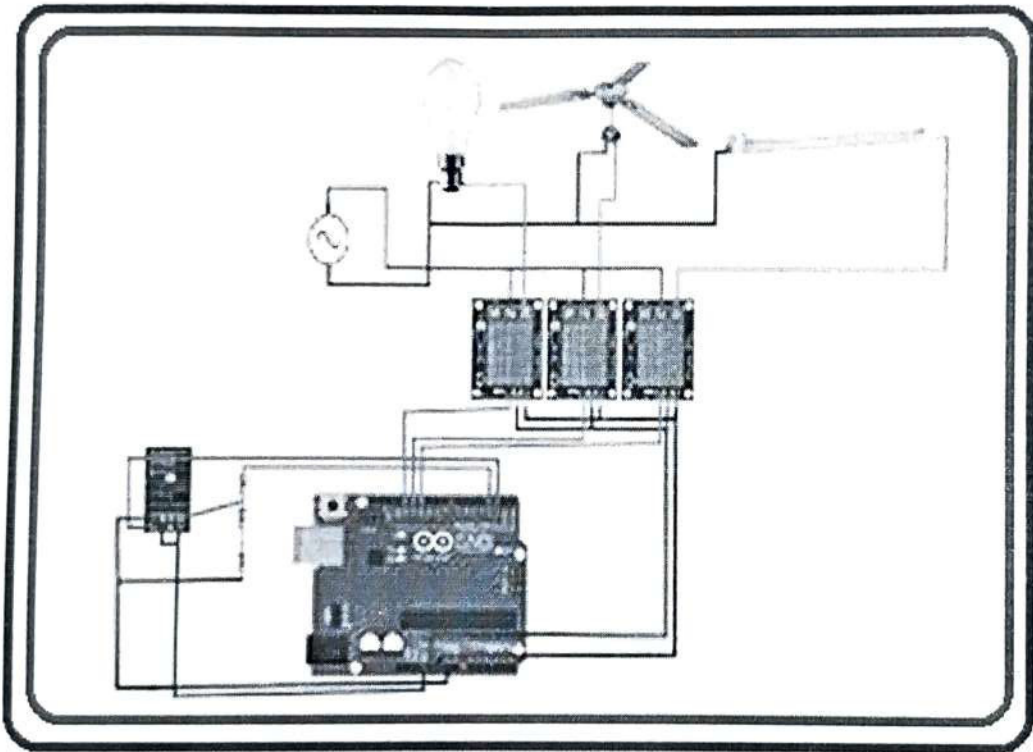
Sree Sainath Nagar, A. Rangampet – 517 102

Add on course
On

Basic Application Design Using Arduino Uno

Datem   :   5th to 10th February 2018

Target Group   :   B.Tech EEE Students

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD-ON COURSE

on

BASIC APPLICATION DESIGN USING ARDUINO
(5th to 10th February 2018)

OBJECTIVE:

To make department of EEE Students Industry ready and competent enough in Core Placements.

COURSE OUTCOME(S):

After successful completion of the course, the students will be able to design and program their circuit for specific applications using Arduino Uno. Also understand the design procedure and hardware and software protocols to be considers for domestic or industrial electrical application design.

TRAINING PROCESS FLOW:

Stage01:	Registrations	Day 1	1 hr
Stage 02:	Inauguration and Welcome address	Day 1	1 hr
Stage 03:	Conducting Trainee Pre-requisite Assessment to understand the knowledge base of the participant, and to modulate the level of training deliverance	Day 1	1 hr
Stage 04:	Discussion on the Pre-requisite Assessment	Day 1	1 hr
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Stage 07:	Design Exercises (Using Arduino Uno Board, Sensors and relays)		
Stage 08:	Final Assessment for Certification and Valedictory.	Day 6	2 hrs
			32 hrs

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ADD-ON COURSE

on

BASIC APPLICATION DESIGN USING ARDUINO
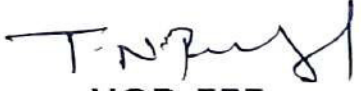## (5th to 10th February 2018)

DETAILED SYLLABUS

(Training Process Flow)

S.No	Contents
1	Basic building blocks of Embedded Application
2	Selection of embedded processors
3	Arduino Uno Pin configuration, and basic programming
4	Connecting Analog and digital sensor with Arduino Uno
5	Connecting Display devices with Arduino Uno
6	Interfacing relays with Arduino Uno
7	Application design with Ultrasound sensor, IR sensor and temperature sensor
8	Mini project for final assessment.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SREE VIDYANIKETHAN
Engineering College
(Autonomous)

CERTIFICATE OF PARTICIPATION

IEEE
SVEC
STB-62331

This is to certificate that Mr./Ms P KRISHNA KARTHIK of

B.Tech EEE has participated in Add on Course on "BASIC APPLICATION DESIGN USING ARDUINO UNO" held during 5th to 10th February 2018, organized by Department of Electrical and Electronics Engineering, Sree Vidyanikethan Engineering College (Autonomous), Tirupati.

COURSE COORDINATOR

HOD-EEE
HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLE
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

CERTIFICATE OF PARTICIPATION

SREE VIDYANIKETHAN
Engineering College
(Autonomous)

IEEE
SVEC
STB-62331

This is to certificate that Mr./Ms _AKULA SWATHI_ of

B.Tech EEE has   participated in Add on Course on "BASIC APPLICATION DESIGN USING

ARDUINO   UNO"   held during 5th to 10th February 2018, organized by Department of

Electrical   and   Electronics   Engineering,   Sree   Vidyanikethan   Engineering   College

(Autonomous), Tirupati.

COURSE COORDINATOR

HOD-EEE

HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar A. R.........
........OUR (Dt.) - 517 102 A.P

SREE VIDYANIKETHAN
Engineering College
(Autonomous)

CERTIFICATE OF PARTICIPATION

IEEE
SVEC
STB-62331

This is to certificate that Mr./Ms ___KOTA BHAVITHA___ of

B.Tech EEE has participated in Add on Course on "BASIC APPLICATION DESIGN USING

ARDUINO UNO" held during 5th to 10th February 2018, organized by Department of

Electrical and Electronics Engineering, Sree Vidyanikethan Engineering College

(Autonomous), Tirupati.

COURSE COORDINATOR

HOD-EEE
HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

REPORT - ON
ADD ON COURSE ON
BASIC APPLICATION DESIGN USING ARDUINO UNO
5th to 10th February 2018

ORGANIZED BY: Department of Electrical and Electrical Engineering, SreeVidyanikethan Engineering College

Organizer and Resource Persons:
1. Dr. G. Hari Krishnan, Associate Professor, EEE and
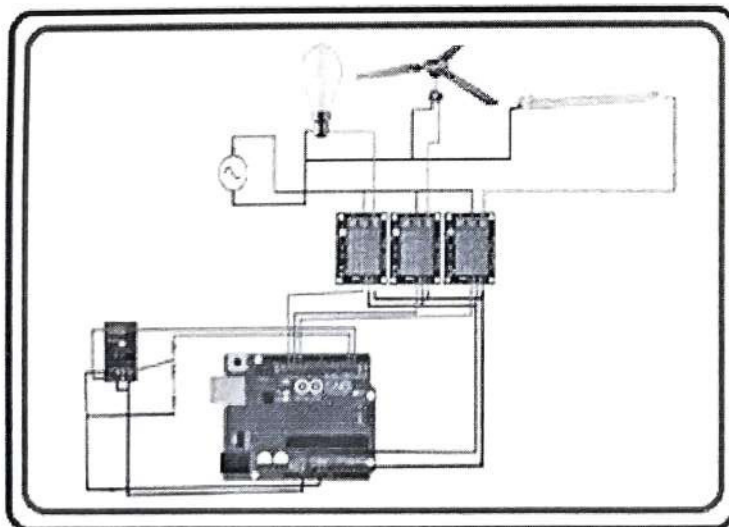2. Mr. G S Arun Kumar, Assistant Professor, EEE

INVITATION

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
Sree Sainath Nagar, A. Rangampet – 517 102

Add on course
On

Basic Application Design Using Arduino Uno

Datem	:	5th to 10th February 2018
Target Group	:	B.Tech EEE Students

Introduction:

The purpose of the Course "Arduino Based programming and Circuit design" is to expse the students to emerging technologies in the area of Embedded Systems. This course provides practical foundation training that enables immediate and effective participation in Arduino Uno related projects. After successful completion of the course, the students will be able to design and program their circuit for specific applications using Arduino Uno. Also understand the design procedure and hardware and software protocols to be considers for domestic or industrial electrical application design.

Hardware Requirements:
- i3 or above Processor is required
- 4 GB or above RAM is recommended
- Arduino uno board
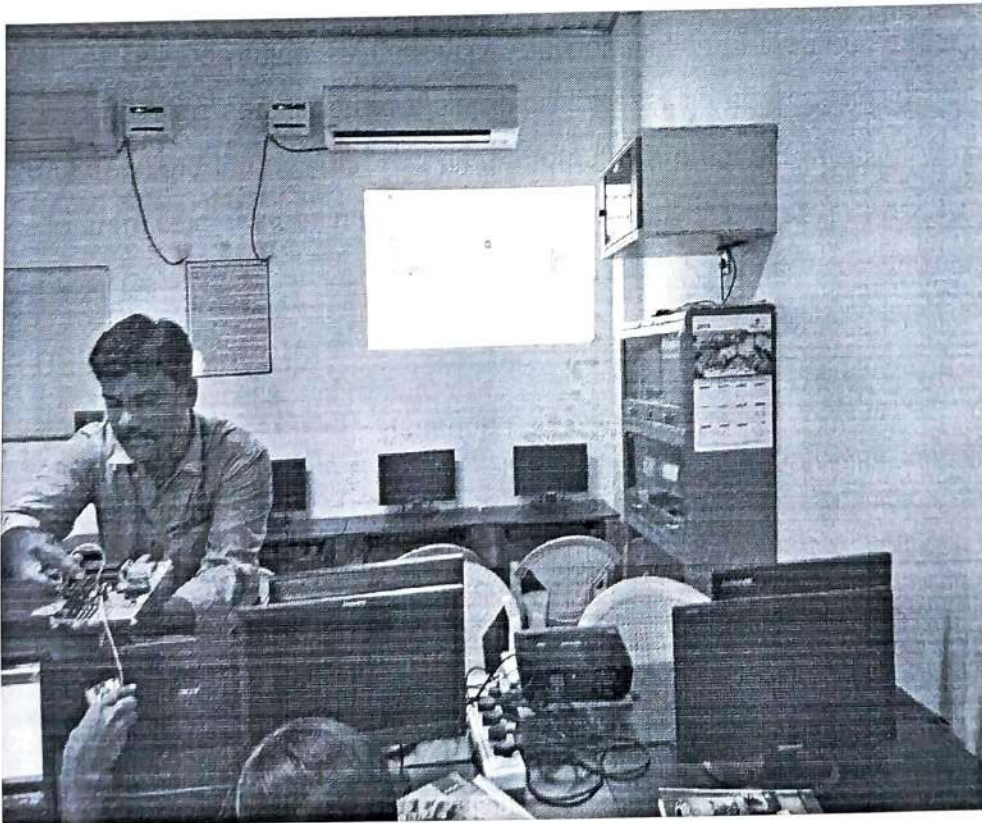- Arduino software
- Sensors and connecting wires

Figure 1: Dr G Hari Krishnan explaining about developer board components

During training the on the first day Basic building blocks of Embedded Application were

discussed with the help of ppt and display of Arduino board and sensors. The Selection of embedded processors were explained during second day of the training. During thrid day and fourth day Arduino Uno Pin configuration, and basic programming,Connecting Analog and digital sensor with Arduino Uno. And During fifth day Connecting Display devices with Arduino Uno Interfacing relays with Arduino Uno Application design with Ultrasound sensor, IR sensor and temperature sensor. Mini project for final assessment.

List of Students Participated

S. No.	Name	Roll Number	Year
1.	ACCHUKATLA DADAPEER	14121A0203	IV B. Tech-I Semester
2.	AMMITI THIMOTHI RAJ	14121A0208	IV B. Tech-I Semester
3.	BOILLA HEMANTH	14121A0225	IV B. Tech-I Semester
4.	C SAISWETHA	14121A0231	IV B. Tech-I Semester
5.	CHEEKATIPALLI SAI PRASAD	14121A0245	IV B. Tech-I Semester
6.	GANTHALA AKHILA	14121A0264	IV B. Tech-I Semester
7.	K V JAYA KUMAR	14121A0286	IV B. Tech-I Semester
8.	KONKALA NAGASUSHMA	14121A02A2	IV B. Tech-I Semester
9.	MARUPURU HARSHAVARDHAN	14121A02C2	IV B. Tech-I Semester
10.	MOPURI VINOD	14121A02D2	IV B. Tech-I Semester
11.	P KRISHNA KARTHIK	14121A02E8	IV B. Tech-I Semester
12.	PINJARI MANSOOR	14121A02G7	IV B. Tech-I Semester
13.	RAJA RAGHU SAI SASIKIRAN	14121A02J2	IV B. Tech-I Semester
14.	TAMIDALAPATI LAHARI	14121A02K9	IV B. Tech-I Semester
15.	BOGGULA PAVANI	15125A0204	IV B. Tech-I Semester
16.	DONTU KRISHNA VAMSI	15125A0210	IV B. Tech-I Semester
17.	KONETI ASHOK KUMAR	15125A0222	IV B. Tech-I Semester
18.	SHAIK AFROZ	15125A0242	IV B. Tech-I Semester
19.	VELATI DINESH	15125A0253	IV B. Tech-I Semester
20.	AKULA SWATHI	15121A0202	III B. Tech-I Semester
21.	AVULA MANOJ KUMAR REDDY	15121A0210	III B. Tech-I Semester
22.	CHOWDAM GAYATHRI	15121A0238	III B. Tech-I Semester
23.	GOTURU SAI ABHISHEK	15121A0257	III B. Tech-I Semester
24.	JAKKALA LAVANYA	15121A0261	III B. Tech-I Semester
25.	KOTA BHAVITHA	15121A0286	III B. Tech-I Semester
26.	MACHANI AISWARYA	15121A0296	III B. Tech-I Semester
27.	MALA DASARI MAHEEDHAR	15121A02A2	III B. Tech-I Semester
28.	MERUVA DEEPTHI PRIYA	15121A02B6	III B. Tech-I Semester
29.	NARESEAPALLE SREEJA	15121A02D1	III B. Tech-I Semester
30.	P BHASKAR	15121A02D6	III B. Tech-I Semester
31.	RAPURI SUPRAJA	15121A02G3	III B. Tech-I Semester

32.	S SUNIL KUMAR BHARADWAJ	15121A02G8	III B. Tech-I Semester
33.	SONAGIRI MADHAN MOHAN	15121A02K0	III B. Tech-I Semester
34.	SUNDUPALLI KARTHIK	15121A02K4	III B. Tech-I Semester
35.	UPPARA PRATHYUSHA	15121A02L7	III B. Tech-I Semester
36.	VALLIVEDU MOUNIKA	15121A02M2	III B. Tech-I Semester
37.	DANIYALA MOHAN KRISHNA	16125A0206	III B. Tech-I Semester
38.	ESIKELA SREEKANTH	16125A0210	III B. Tech-I Semester
39.	GALETI ZAHEERABBAS	16125A0212	III B. Tech-I Semester
40.	K S SRINADH	16125A0217	III B. Tech-I Semester
41.	P SASHIKANTH REDDY	16125A0235	III B. Tech-I Semester
42.	SOMAGUTTA LAVANYA	16125A0244	III B. Tech-I Semester

HOD-EEE

COORDINATOR

HOD
Department of EEE
SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)

Sree Sainath Nagar, Tirupati – 517 102

DEPARTMENT OF MECHANICAL ENGINEERING
Value Added Course

on

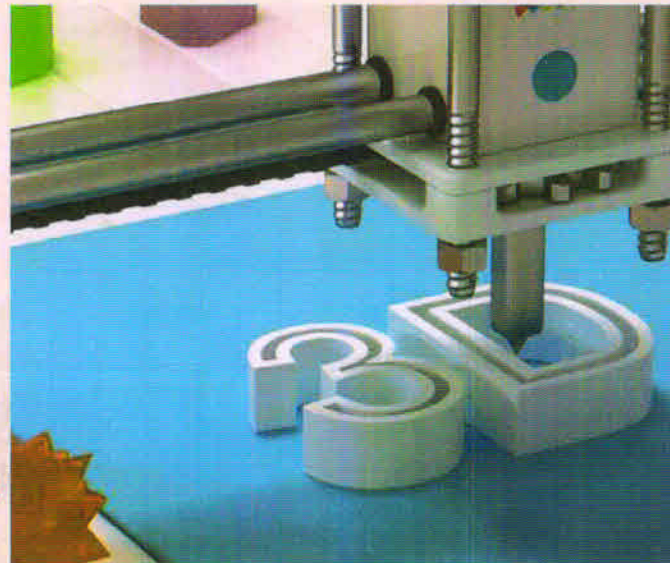### 3D Printing of Automobile Components

Speaker(s):

Mr. Rakesh Koppunur,
Engineer, Think3D,
Hyderabad

Dr.K.C.Varaprasad,
Professor & Head,
Mechanical Engg. SVEC

Date: 26th - 31st March, 2018

Timings : 09:00 AM to 01:00 PM
&
02:00 PM to 05:00 PM

Target Group:

II/IIII/IV B.Tech Students

Contents

Introduction to 3D Printing
Functions of 3D printing and Scanning
Create New Part document
Create a 3D transition figure
Gear Systems
Dynamic Surfaces and Chains
The Future of Fabrication
Parametric Design
Prototype Printing
Prototype Printing & Testing
Sound Printing
Fluid Dynamics
Post-Processing
Carbon Footprint
Printing of Automobile components

VALUE ADDED COURSE
ON

3D Printing of Automobile Components

(26th - 31st March, 2018)

Speaker(s): Mr. Rakesh Koppunur, Engineer, Think3D, Hyderabad

Dr.K.C. Varaprasad, Professor & Head, Mechanical Engg. SVEC

Target Group: II/III/IV B.Tech. Mechancial Engineering

Course Outcomes:

- Perform CAD application in 2D interface
- Create and plot assembly and detail views of simple geometrical solid with Dimension, Tolerance & Annotation in 3D Modelling
- Make the part applicable for Additive Manufacturing
- Develop a prototype/ end use product
- Make a simple fixture for functional requirement

Dr. K.C. VARAPRASAD
Professor & Head
Department of Mechanical Engineering
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
SREE SAINATH NAGAR, A. RANGAMPETA, TIRUPATI-517 102.

DEPARTMENT OF MECHANICAL ENGINEERING

DETAILED SYLLABUS

S.No.	Topic Name	No. of Hours
1.	Introduction to 3D Printing	02
2.	Demonstrate the functions of 3D printing and Scanning	02
3.	Perform Computer operation	02
4.	What is a Mesh?	01
5.	Create New Part document	01
6.	Create a 3D transition figure	01
7.	Gear Systems Part I	02
8.	Gear Systems Part II	02
9.	Dynamic Surfaces and Chains	01
10.	The Future of Fabrication	02
11.	Parametric Design	01
12.	Prototype Printing	02
13.	Prototype Printing & Testing	02
14.	Sound Printing	01
15.	Fluid Dynamics	01
16.	Post-Processing	01
17.	Carbon Footprint	01
18.	Printing of Automobile components -I	02
19.	Printing of Automobile components –II	02
20.	Printing of Automobile components –III	02
21.	Printing of Automobile components –IV	02
22.	Printing of Automobile components -V	02
	Total Hours	**35**

Number of Students attended: 40

Dr. K.C VARAPRASAD
Professor & Head
Department of Mechanical Engineering
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
SREE SAINATH NAGAR, A. RANGAMPETA, TIRUPATI-517 102.

DEPARTMENT OF MECHANICAL ENGINEERING

2017-18

Name of the Department	Name of the value added course	Course Code	Start and end dates	Name of the resource person and affiliation	Year of offering	No. of students enrolled in the year for the course	No. of students completed the course in the year for the course
Mechanical Engineering	3D Printing of Automobile components	---	26.03.2018 to 31.03.2018	Mr. Rakesh Koppunur, Engineer, Think3D, Hyderabad Dr. K.C. Varaprasad, Hod & Profeesor, Mechanical Engineering, SVEC	2018	40	40

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	ATHIVARAM SYAM SAI	14121A0309	IV B.Tech. II Semester
2.	BANDI VASANTHI	14121A0317	IV B.Tech. II Semester
3.	BELUM RAKESHWARA REDDY	14121A0321	IV B.Tech. II Semester
4.	BOMPALLI MAHESH	14121A0325	IV B.Tech. II Semester
5.	ENAMALA PREMKUMAR	14121A0339	IV B.Tech. II Semester
6.	GUDI JYOTHI KRISHNA	14121A0350	IV B.Tech. II Semester
7.	J SHRAVYA	14121A0357	IV B.Tech. II Semester
8.	KONDAPUR LIKHITHA	14121A0369	IV B.Tech. II Semester
9.	KUNDAVARAM THARUN KUMAR	14121A0374	IV B.Tech. II Semester
10.	M HARI PRASAD	14121A0380	IV B.Tech. II Semester
11.	M SASIDHAR	14121A0382	IV B.Tech. II Semester
12.	PANCHAGUNDELA SAMUEL SATHWIK	14121A03A5	IV B.Tech. II Semester
13.	PAPPALA DURGA PRASAD	14121A03A8	IV B.Tech. II Semester
14.	RAMA GNANA PRAKASH	14121A03C4	IV B.Tech. II Semester
15.	S BHARATH REDDY	14121A03C9	IV B.Tech. II Semester
16.	SHAIK IMRAN	14121A03D7	IV B.Tech. II Semester
17.	THALLEM ROHITH REDDY	14121A03F4	IV B.Tech. II Semester
18.	KUPPALA RAMCHARAN	14121A03H0	IV B.Tech. II Semester
19.	KANAGALURU GOPI KRISHNA	15125A0317	IV B.Tech. II Semester
20.	MOHAMMAD SHUAIBHUSSAIN SHAIK	15125A0323	IV B.Tech. II Semester
21.	V BALAJI	15125A0340	IV B.Tech. II Semester

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Sl. No.	Name of the student	Roll number	Class and Semester
22.	VADITHYA RAMULU NAIK	15125A0341	IV B.Tech. II Semester
23.	ANDE KALYAN KUMAR	15121A0309	III B.Tech. II Semester
24.	E RAMESH	15121A0337	III B.Tech. II Semester
25.	KARANAM PARTHAVENDRA	15121A0361	III B.Tech. II Semester
26.	MANVI JEEVAN KUMAR	15121A0385	III B.Tech. II Semester
27.	SANAPUTHUR NAVEENSURYA	15121A03D2	III B.Tech. II Semester
28.	UPPU VENKATA SAI LAKSHMAN	15121A03F8	III B.Tech. II Semester
29.	UYYALA HAREESH	15121A03F9	III B.Tech. II Semester
30.	BUKKE RAJA GOPAL NAIK	16121A0316	II B.Tech. II Semester
31.	CHINTALA KUNTA SAI PRAVEEN	16121A0323	II B.Tech. II Semester
32.	E DILIP	16121A0340	II B.Tech. II Semester
33.	GANGASANI MAMATHA	16121A0348	II B.Tech. II Semester
34.	GODUGUCHINTA SAI KUMAR	16121A0352	II B.Tech. II Semester
35.	GOGULA VENKATESH	16121A0353	II B.Tech. II Semester
36.	PINJARI NADEEM	16121A03C3	II B.Tech. II Semester
37.	RENATI REDDY RAVITEJA	16121A03D2	II B.Tech. II Semester
38.	SEELAM VENKATA NAVEEN REDDY	16121A03E0	II B.Tech. II Semester
39.	ANJIMETI RAJASEKHAR	17125A0303	II B.Tech. II Semester
40.	GOLLAPINNI SIVARAJA SEKHAR	17125A0318	II B.Tech. II Semester

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Brief Profile

Mr. Rakesh Koppunur, working as Sales Head in Think3d has completed his Bachelors of Engineering in Mechanical engineering and Master's in Advance Manufacturing systems and also completed his MBA in International business.

In Think3d he had played a very vital role in expanding the company in various locations across India.

Presently he is working from Think3d's head office in Hyderabad has dealt with various customers from various backgrounds across India it's related to educational institutions or else MNC's or Medical field or architecture etc...

He has immense experience in experimenting with the various 3D printing technologies and sharing best of knowledge to the clients and providing solutions in 3d printing and support to customers.

Dr. K.C. VARAPRASAD
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Bio-Data of Dr.Karu Clement Varaprasad

Dr. Karu Clement Varaprasad graduated in B.Tech Mechanical Engineering from Sri Krishna Devaraya University, Ananthapur, Andhra Pradesh, India in the year 1999 and Post-Graduation in M.Techin Production Engineering from Sri Venkateswara University, Tirupati, Andhra Pradesh, India in the year 2002. He received his Ph.D. from Jawaharlal Nehru Technological University Anantapur, Anantapuramu, Andhra Pradesh, India in the year 2011. Currently, he is working as Professor & Head, Department of Mechanical Engineering, Sree Vidyanikethan Engineering College, Tirupati, Andhra Pradesh, India. He is the founder Head of the Department of Mechanical Engineering. He established nearly15 state-of-art laboratories with advanced technology equipment. He has got 18 years and 8 months of teaching and industrial experience. His research area of interest includes Industry 4.0, Mechatronics, Micromachining,3D Printing, Industrial Automation and Robotics, Flexible Manufacturing System (FMS) and CNC machining. He is having rich teaching experience in the subjects: Manufacturing Technology and Tool Design, Computer Aided Engineering Drawing, Manufacturing Technology, Machine Drawing, Machine Tools, Engineering Metrology, Tool Design, Industrial Engineering & Management, Elements of Production Drawing, Automation in Manufacturing, CAD/CAM, Mechatronics, Industrial Robotics, Instrumentation & Control Systems, Unconventional Machining Process, Hydraulics & , Pneumatics, Non Conventional Sources of Energy, Computer Integrated Manufacturing, Engineering Mechanics, Flexible Manufacturing Systems, Computer Integrated Manufacturing, Automation in Manufacturing, Mechatronics, Computer Aided Process Planning, CNC Technology & Programming. He is a professional member in various organizations: Life Member of Indian Society for Technical Education (MISTE)., Life Member of Institution of Engineers (INDIA) (MIE), Life Member of American Society of Mechanical Engineers (ASME), Life Member of Indian Institution of Production Engineers(IIPE), Life Member of Additive Manufacturing Society of India (AMSI), Life Member of Indian Science Congress Association (ISCA) and Life Member of Indian Welding Society (IWS)He is an Editorial Board Membership of Reviewer for international journal of mechanical computational and manufacturing research and reviewer team member of American Journal of Mechanical and Materials Engineering. In his career, he performed various roles like Head of the Department (ME), NBA Coordinator, NAAC Coordinator, Research Cluster Coordinator and Skill Development Center in-charge. He has presently guiding 03 Ph.D scholars.He has published more than 39 papers in International Journals and Conferences. He organized nearly 100+ academic oriented events for the students and faculty. He has attended more than 100 Workshops, Symposiums and Seminars. He has conducted/coordinated and acted as resource person in various International or National Conferences, Workshops, Symposiums and Seminars. He has published 04 Book Chapters. Some of his publications are listed in digital libraries such as IEEE Xplorer, Elsevier Xplorer, Taylor & Francis,Scopus, SCI Indexed Journals,International Journal of Computer Applications in Engineering, Technology and Sciences (IJ-CA-ETS-ISSN: 0974-3596),International Journal of Engineering Research and Industrial Applications(ISSN: 0974-1518),International Journal of Mathematical Sciences and Engineering Applications(ISSN: 0973-9424), International Journal of Technology World, Malaysia, (ISSN 2180-0987),Trans Tech Publications, Switzerland, SAE International Journal of Materials and Manufacturing. He is a committed, dedicated and efficient administrator. Recently, he filed an Indian design Patent.
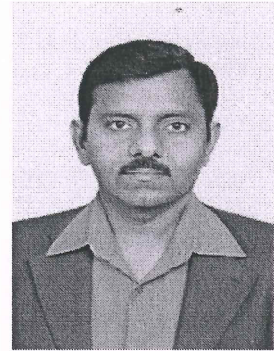
Dr. K. VARAPRASAD
Professor and
Professor of Mechanical Engineering
Department of Mechanical Engineering
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SREE VIDYANIKETHAN ENGINEERING COLLEGE

Sree Sainath Nagar, A. Rangampet, Tirupati – 517102.
(An Autonomous Institution, Affiliated to JNTUA, Anantapur)

DEPARTMENT OF MECHANICAL ENGINEERING

Report on

Value Added Course

on

"3D Printing of Automobile Components"

(26th - 31st March, 2018)
Speaker(s): Mr. Rakesh Koppunur, Engineer, Think3D, Hyderabad
Dr.K.C. Varaprasad, Professor & Head, Mechanical Engg. SVEC

3D Printing is an Additive Manufacturing technique that creates a physical object from a virtual 3D CAD model in faster and effective way. It has gained a lot of attention as it has changed the way a product can be manufactured. The concept of "Additive Manufacturing" is yet another technological advancement made possible by the transition from analog to digital processes. In recent decades, communications, imaging, architecture and engineering have all had undergone their own digital revolutions.

To enhance the knowledge of students on 3D printing, Value added course was organized on **"3D Printing of Automobile Components"** by Mechanical Engineering Department for II/III/IV B.Tech. students from **26th to 31st March 2018.**

Dr.K.C.Varaprasad presented on the topic "Overview of 3D printing and Scanning techniques" in which Dr.Varaprasad explained 3D printing as a process in which material is joined or solidified under computer control to create a three-dimensional object with material being added together. The Additive manufacturing also uses data computer-aided-design (CAD) software or 3D object scanners to direct hardware to deposit material, layer upon layer, in precise geometric shapes. Dr.Prasad also explained various techniques in 3D printing i.e., SLS, FDP, SLA etc., with their applications, methodology and differences.

Mr. K. Rakesh gave practical applications and examples in which 3D printing has been used in a wide spread Manufacturing of Automobile components. Mr. Rakesh demonstrated about Flash Forge 3D printer with its working principle and printed some models. A hands-on-session was conducted for the participants to

Professor & Head
Department of Mechanical Engineering
SREE VIDYANIKETHAN ENGINEERING COLLEGE
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demonstrate the use of Flash Print software. Mr.Rakesh gave deep insights into industry needs and requirements in the field of 3D printing. The students came to know about the areas of research in 3D printing and scanning. Later Mr. Rakesh demonstrated practically some trouble shootings in printer and scanner.
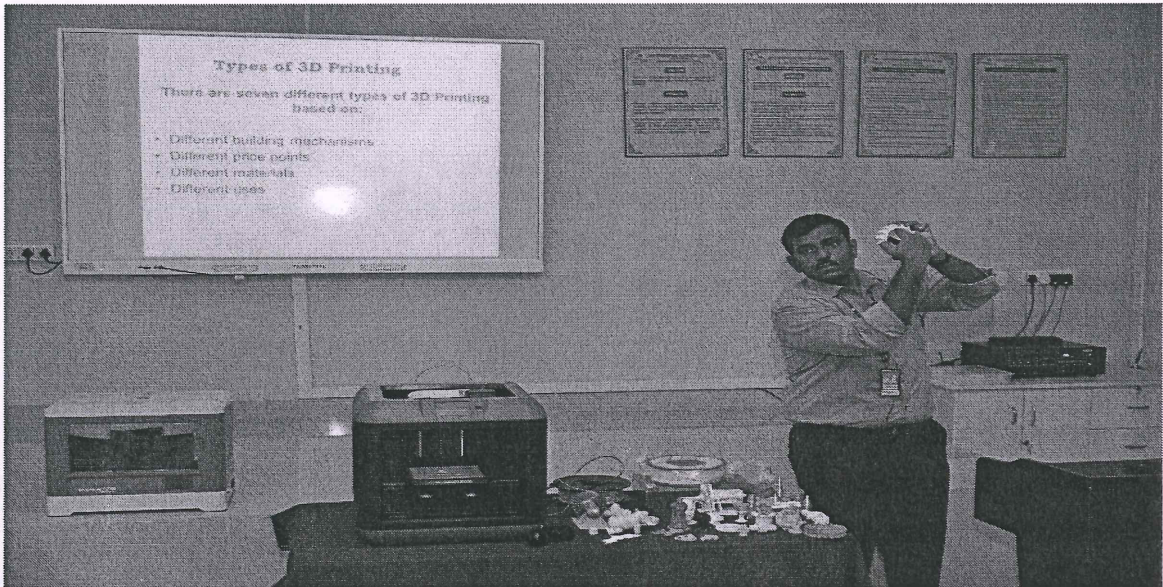
Dr.K.C.Varaprasad explaining the 3D printing techniques

Mr. K. Rakesh demonstrating the 3D printer

Dr. K.C. VARAPRASAD
Professor & Head
Department of Mechanical Engineering
SREE VIDYANIKETHAN ENGINEERING COLLEGE
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3D printer and 3D printed models

SREE VIDYANIKETHAN ENGINEERING COLLEGE

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Sree Sainath Nagar, A. Rangampet, Tirupati-517102.

Value Added Course – Certificate

This is to certify that

GANGASANI MAMATHA

bearing roll No. __16121A0348__ *of*

Mechanical Engineering Department

has participated and sucessfully completed the Value Added Course on

3D Printing of Automobile Components

(26.03.2018 to 31.03.2018)

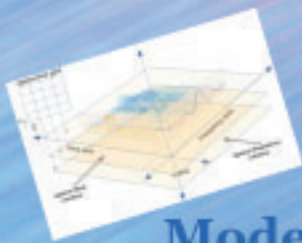### ORGANIZED BY DEPARTMENT OF MECHANICAL ENGINEERING

Sree Vidyanikethan Engineering College

Head of Department

Principal, SVEC

Hands on Training

on

Modeling and Simulation of Computational Electromagnetics Using Finite Element Method

(05-23 Feb' 2018)

Organized
by
Department of Electronics and Communication Engineering
Sree Vidyanikethan Engineering College, Tirupati

About the workshop

The workshop is featured with presentations and discussion on current efforts to understand Modeling and Simulation of Computational Electromagnetics Using Finite Element Method. The goal of the workshop is to bring together experimental and computational experts in the field of Electromagnetics and to present the results of their work, explore collaborative challenges and opportunities in the field.

Major Course Contents:

Introduction to COMSOL
Computing the Resistance of a Wire
Computing the Effect of Fringing Fields on Capacitance
Simulation of Mutual Inductance and Induced Current Between Single-Turn Coils
Finding the Impedance of a Coaxial Cable
Connecting a 3D Electromagnetic Wave Model to an Electrical Circuit
Quarter-Wave Transformer
Modeling of a 3D Inductor
Magnetically Permeable Sphere in a Static Magnetic Field
Electric Sensor
Transmission Line

Target Group: II ECE

Resource persons:
Dr. P.Geetha, Asso. Professor, ECE
Dr. V.R.Anitha, Professor, ECE
Dr. N. Padmaja, Professor, ECE
Dr. D.Leela Rani, Professor, ECE

Interested participants please register through the link
https://forms.gle/SZM3pa6tLcveqgRJ9 **on or before Feb' 03, 2018**

Venue: Room No:317

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, Tirupati – 517 102

SREE
VIDYANIKETHAN
Engineering College

Department of Electronics and Communication Engineering

Workshop on
"Modeling and Simulation of Computational Electromagnetics Using Finite Element Method"
(05-23 February, 2018)

Course Description

The workshop is featured with presentations and discussion on current efforts to understand Modeling and Simulation of Computational Electromagnetics Using Finite Element Method. The goal of the workshop is to bring together experimental and computational experts in the field of Electromagnetics and to present the results of their work, explore collaborative challenges and opportunities in the field.

Broad Course Contents

Introduction to COMSOL

Computing the Resistance of a Wire

Computing the Effect of Fringing Fields on Capacitance

Simulation of Mutual Inductance and Induced Currents Between Single-Turn Coils

Finding the Impedance of a Coaxial Cable

Connecting a 3D Electromagnetic Wave Model to an Electrical Circuit

Quarter-Wave Transformer

Modeling of a 3D Inductor

Magnetically Permeable Sphere in a Static Magnetic Field
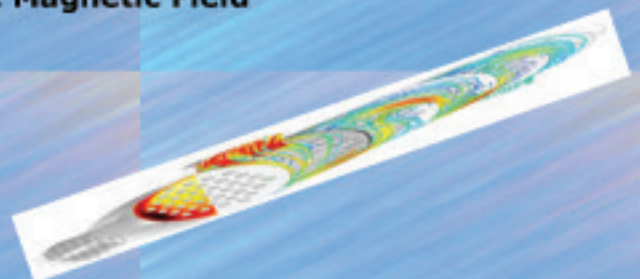
Electric Sensor

Transmission Line

Coordinator

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Department of Electronics and Communication Engineering

SCHEDULE OF THE PROGRAM

Workshop On
"Modeling and Simulation of Computational Electromagnetics Using Finite Element Method" (05-23 February, 2018)

Date	Time	Particulars
05.02.2018	02.30 P.M to 03.30 P.M	Session 1 : Introduction to COMSOL Resource Person : Dr. P.Geetha, Associate Professor, ECE
	03.40 P.M to 04.40 P.M	Session 2 : Introduction to COMSOL (Contd...) Resource Person : Dr. P.Geetha, Associate Professor, ECE
06.02.2018	02.30 P.M to 03.30 P.M	Session 3 : Computing the Resistance of a Wire Resource Person : Dr. P.Geetha, Associate Professor, ECE
	03.40 P.M to 04.40 P.M	Session 4 : Computing the Resistance of a Wire (Contd...) Resource Person : Dr. P.Geetha, Associate Professor, ECE
07.02.2018	02.30 P.M to 03.30 P.M	Session 5 : Computing the Effect of Fringing Fields on Capacitance Resource Person : Dr. P.Geetha, Associate Professor, ECE
	03.40 P.M to 04.40 P.M	Session 6 : Computing the Effect of Fringing Fields on Capacitance (Contd...) Resource Person : Dr. P.Geetha, Associate Professor, ECE
08.02.2018	02.30 P.M to 03.30 P.M	Session 7 : Simulation of Mutual Inductance and Induced Currents Between Single-Turn Coils Resource Person : Dr. P.Geetha, Associate Professor, ECE
	03.40 P.M to 04.40 P.M	Session 8 : Simulation of Mutual Inductance and Induced Currents Between Single-Turn Coils (Contd...) Resource Person : Dr. P.Geetha, Associate Professor, ECE
09.02.2018	02.30 P.M to 03.30 P.M	Session 9 : Finding the Impedance of a Coaxial Cable Resource Person : Dr. V.R.Anitha, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 10 : Finding the Impedance of a Coaxial Cable (Contd...) Resource Person : Dr. V.R.Anitha, Professor, ECE
12.02.2018	02.30 P.M to 03.30 P.M	Session 11 : Finding the Impedance of a Coaxial Cable (Contd...) Resource Person : Dr. V.R.Anitha, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 12 : Connecting a 3D Electromagnetic Wave Model to an Electrical Circuit Resource Person : Dr. V.R.Anitha, Professor, ECE
13.02.2018	02.30 P.M to 03.30 P.M	Session 13 : Connecting a 3D Electromagnetic Wave Model to an Electrical Circuit (Contd...) Resource Person : Dr. V.R.Anitha, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 14 : Connecting a 3D Electromagnetic Wave Model to an Electrical Circuit (Contd...) Resource Person : Dr. V.R.Anitha, Professor, ECE
14.02.2018	02.30 P.M to 03.30 P.M	Session 15 : Half-Wave Transformer Resource Person : Dr. N. Padmaja, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 16 : Half -Wave Transformer (Contd...) Resource Person : Dr. N. Padmaja, Professor, ECE

Date	Time	Particulars
15.02.2018	02.30 P.M to 03.30 P.M	Session 17 : Quarter-Wave Transformer Resource Person : Dr. N. Padmaja, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 18 : Quarter-Wave Transformer (Contd...) Resource Person : Dr. N. Padmaja, Professor, ECE
16.02.2018	02.30 P.M to 03.30 P.M	Session 19 : Modeling of a 3D Inductor Resource Person : Dr. N. Padmaja, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 20 : Modeling of a 3D Inductor Resource Person : Dr. N. Padmaja, Professor, ECE
19.02.2018	02.30 P.M to 03.30 P.M	Session 21 : Modeling of a 3D Inductor (Contd...) Resource Person : Dr. N. Padmaja, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 22 : Magnetically Permeable Sphere in a Static Magnetic Field Resource Person : Dr. D.Leela Rani, Professor, ECE
20.02.2018	02.30 P.M to 03.30 P.M	Session 23 : Magnetically Permeable Sphere in a Static Magnetic Field (Contd...) Resource Person : Dr. D.Leela Rani, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 24 : Magnetically Permeable Sphere in a Static Magnetic Field (Contd...) Resource Person : Dr. D.Leela Rani, Professor, ECE
21.02.2018	02.30 P.M to 03.30 P.M	Session 25 : Sensor1 Resource Person : Dr. D.Leela Rani, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 26 : Sensor1 (Contd...) Resource Person : Dr. D.Leela Rani, Professor, ECE
22.02.2018	02.30 P.M to 03.30 P.M	Session 27 : Sensor2 Resource Person : Dr. D.Leela Rani, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 28 : Sensor2 (Contd...) Resource Person : Dr. D.Leela Rani, Professor, ECE
23.02.2018	02.30 P.M to 03.30 P.M	Session 29 : Transmission Line Resource Person : Dr. D.Leela Rani, Professor, ECE
	03.40 P.M to 04.40 P.M	Session 30 : Transmission Line (Contd...) Resource Person : Dr. D.Leela Rani, Professor, ECE

Coordinator

Profile of the Resource Person

1.	Name of Teaching Staff*	Dr. D. Leela Rani		
2.	Designation	Professor		
3.	Department	Electronics and Communication Engineering		
4.	Date of Joining the Institution	12.12.2003		

5.	Qualifications with Class/Grade		UG	PG	Ph.D
		Degree	B.Tech (ECE)	M.Tech (LICS)	Ph.D.,(ECE)
		University	S.V. University	S.V. University	S.V. University

6.	Total Experience in Years	Teaching	Industry	Research
		16.5 Years	-	12

7.	Papers Published	National	International
		Nil	16

8.	Papers Presented in Conferences	National	International
		2	13

9.	Conference/ Workshops/ FDPs Attended	58
10.	Conference/ Workshops/ FDPs Organized	8

11.	Ph.D Guide? Give field & University	Field :- -	University : -
12.	Ph.Ds/Projects Guided	PhDs :- -	Projects at Masters Level : 12
13.	Books Published/IPRs/Patents	Books chapters (3)	
14.	Professional Memberships	**Fellow member IRED,** IEEE, ISTE, ISCA, IAENG	
15.	R&D Projects and Consultancy Activities	-	
16.	Awards	Received Elite+Silver Medal Certificate from NPTEL for the course on Effective Engineering Teaching in Practice with 75% score.	
17.	Grants fetched	Received 1.6 lakhs from AICTE under AQIS scheme (AQIS Application id. 1-3569961424) for Short Term Training Program in the year	
18.	Interaction with Professional and other Institutions	Keynote Speaker, Resource Person, Judge, Evaluator, Session chair	

Profile of the Resource Person

| 1.	Name of Teaching Staff*	Dr. P. Geetha			
2.	Designation	**Associate Professor**			
3.	Department	**Electronics and Communication Engineering**			
4.	Date of Joining the Institution	**07.10.2015**			
5.	Qualifications with Class/Grade		UG	PG	Ph.D
		Degree	**B.E (ECE)**	**M.E (A.E)**	**(Nano Electronics)**
		University	**Madras University**	**Madras University**	**Anna University**
		Class/Grade	**I Class**	**I Class**	
6.	Total Experience in Years	Teaching		Industry	Research
		23 Years		-	13
7.	Papers Published	National			International
		Nil			9
8.	Papers Presented in Conferences	National			International
		11			9
9.	Conference/ Workshops/ FDPs Attended	48			
10.	Conference/ Workshops/ FDPs Organized	09			
11.	Ph.D Guide? Give field & University	-		-	
12.	Ph.Ds/Projects Guided	-		Projects at Masters Level : 25	
13.	Books Published/IPRs/Patents	Book (1)			
14.	Professional Memberships	1. Life member in ISTE –LM31237 2. IEEE Member 94184046 3. Member of Indian Science Congress A7198 4. Life member Agrinanotech L238/2017			
15.	R&D Projects and Consultancy Activities	Principal Investigator for Visually Challenged to Write, Nano Mission DST (Under Review). Co-Investigator for "Early Detection of Forest Fire in Tropical Countries", 3 Years-Applied to Department of Environment and Forest Research worth Rs.19.88/- (Under Review). Co-Investigator for "Low power CMOS Piezoelectric Energy harvesting system for Automatic Vehicle Tire Pressure Monitoring", 2 Years Applied to SEED(Institutional) Fund Worth Rs.24,35,000/- Principal Investigator for "Implementation of Force sensor of robotic exoskeleton to ease the balance for elderly and orthopedically challenged", 2 Years, worth Rs.24,35,000/- applied to INUP. Principal Investigator for "E-paper for enabling visually challenged to write" 2 years, worth 24,35,000/-(Institutional-On going) Principal Investigator for "E-Waste Management", collaboration with Department of Civil engineering.(Institutional-On going)			
16.	Awards	Received Elite + Silver Medal Certificate from NPTEL for the course on E-waste management			
17.	Grants fetched	AICTE sponsored Seminar Grant Research issues on Nano-particles and Nano-bio sensor in Agriculture.(Rs.1,00,000/-)			
18.	Interaction with Professional and other Institutions	Resource Person, Organizing committee member, Expert Panel Member, Reviewer in International Journal and Conferences.			

Dr. Anitha Vaddinuri

- Born on 14 - 04 -1979 at Chittoor, Andhra Pradesh, India
- Ph.D in Electronics and Communication Engineering from Sri Venkateswara University, India, Jan 2010
- Specialization : Antennas, Microwaves & MEMS
- 15 years of experience
- Professor of ECE, Sree Vidyanikethan Engineering College - SVEC, Tirupati, India

Dr. V.R. Anitha has been working as a Professor, Department of ECE in Sree Vidyaniketan Engineering College, Tirupati. She obtained Bachelor of Technology in the Department of Electronics and Telecommunication Engineering from Institute of Electronics and Tele Communications Engineering (IETE), New Delhi and Post Graduate in Microwave Engineering from Nagarjuna University Guntur, and Ph.D. in Microwave Engineering from Sri Venkateswara University, Tirupati. She is a member in IEEE, IETE, IEICE, ISCA, ISSE and ISSS and published 70 plus papers in national and international journals and conferences and presented many technical lectures in various scientific forums (International & National). She was invited to deliver lectures in various Institutions. She received Travel Grant award from URSI General Assembly-2011, Istanbul, Turkey. She was session chair in International Conference on ICEAA-IEEE APWC-EMS'13, Torino, Italy. She received "Young Scientist" grant from DST for her presentation held at Kuala Lumpur, Malaysia in October 2013. Presently she completed couple of research projects under INUP and NPMASS and she is holding research projects from various funding agencies.

She is doing collaborative research with Yeungnam University, Republic of Korea, DRDO and CSIR-NAL.

Dr. Anitha is continuously upgrading her expertise in the areas of Electrically Small Antennas (ESA), Microstrip Antennas, Fractal Antennas and MEMS. Dr.Anitha is instrumental in establishing a National MEMS Design Centre at Sree Vidyanikethan Engineering College under the aegis of NPMASS. Competence in handling COMSOL, CoventorWare and Intellisuite will provide an ideal environment for conducting simulation studies in the area of MEMS, HFSS, ADS & IE3D will provide platform for conducting simulation studies in the area of Antennas & Microwaves. She played a key role to obtain Fund of Rs. 20 laks for Improvement of S&T Infrastructure (FIST) from DST during 2012-13. She is serving as Ph.D guide at JNTU Ananthapuramu, Sree Vidyanikethan Engineering College etc. She has served as external examiner for Masters' theses at various Institutions. She is a member in Doctoral committee in SRM university..

Profile of the Resource Person
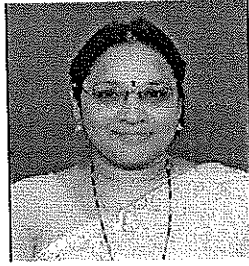
Dr. Nimmagadda Padmaja received B E (ECE) from University of Mumbai, India in 1998 and M Tech (Communication Systems) from S V University College of Engineering, Tirupati in 2003 and Ph.D from S V University in the area of Atmospheric Radar Signal Processing in 2012. Currently she is working as Professor, Sree Vidyanikethan Engineering College (Autonomous), Tirupati. India. She has 19 years of teaching experience.

She has published around 38 technical papers in various reputed International Journals & conferences. Her areas of interests include Signal Processing, Communication Systems and Computer Communication Networks. She is Life Member of ISTE, IETE, IAENG, ISCA and IACSIT. She is Member, Review Panel of various International Journals. She served as Technical Session Chairs, Technical Program Committee member and delivered key note address for various National and International Conferences. She is working for two projects funded by ISRO and DST. She served Executive Council member, IETE, Tirupati centre and presently serving as Treasurer, IETE, Tirupati center. She received Best Teacher Award at C R Engineering College and Best Citizens of India Award from International Publishing House, New Delhi. She conducted several Workshops, conferences and Faculty Development Programs for the benefit of Faculty.

Name of the Department	Name of the value added course	Start and end dates	Name of the resource person and affiliation	No. of students enrolled	No. of students completed
Electronics and Communication Engineering	Hands-on Training on "Modeling and Simulation of Computational Electromagnetics Using Finite Element Method"	05.02.2018 to 23.02.2018	Dr. P.Geetha, Dr. V.R.Anitha, Dr. N. Padmaja, Dr. D.Leela Rani	40	40

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	AEDDULA SAI TEJASWINI	16121A0402	II B.Tech- II Semester
2.	B GANESH NAICK	16121A0418	II B.Tech- II Semester
3.	BATTULA INDU	16121A0430	II B.Tech- II Semester
4.	BEERAM NAVYA	16121A0431	II B.Tech- II Semester
5.	CHINTAREDDY GOWTHAMI	16121A0444	II B.Tech- II Semester
6.	D DIWAKAR REDDY	16121A0450	II B.Tech- II Semester
7.	DEVATHA DIMPLE GREESHMA	16121A0458	II B.Tech- II Semester
8.	EDIGA SATHISH GOUD	16121A0469	II B.Tech- II Semester
9.	G DHARANI KUMAR	16121A0472	II B.Tech- II Semester
10.	GANTA RAJESH	16121A0481	II B.Tech- II Semester
11.	GARIKIPATI SRIKANTH	16121A0482	II B.Tech- II Semester
12.	GURUVUGARLA HARANI	16121A0494	II B.Tech- II Semester
13.	KAKARLA LOKESH	16121A04A7	II B.Tech- II Semester
14.	KOKKI MOUNIKA	16121A04B5	II B.Tech- II Semester
15.	KOLLA BALAJI	16121A04B6	II B.Tech- II Semester
16.	MANASA G	16121A04D8	II B.Tech- II Semester
17.	MARRIPATI YUVA KUMAR	16121A04E3	II B.Tech- II Semester
18.	MATAM VISWANATH	16121A04E5	II B.Tech- II Semester
19.	MUTHAYALA VENKATA SIVA NANDA REDDY	16121A04F8	II B.Tech- II Semester
20.	NEERUGATTI MANASA	16121A04G7	II B.Tech- II Semester
21.	NICHENAMETLA CHAKRADHAR	16121A04G8	II B.Tech- II Semester
22.	PATTUBALA CHETHANA REDDY	16121A04J0	II B.Tech- II Semester
23.	POTHU CHANDRIKA	16121A04J8	II B.Tech- II Semester
24.	SANGARAJU CHARITHASREE	16121A04L1	II B.Tech- II Semester
25.	SUGALI CHINNANAIK	16121A04L7	II B.Tech- II Semester
26.	SUNIL KUMAR B	16121A04L8	II B.Tech- II Semester
27.	UDDAGIRI THARUN KUMAR	16121A04M6	II B.Tech- II Semester
28.	VEMPALLE ARSHAD AHAMMED	16121A04N8	II B.Tech- II Semester
29.	VETTI MANASA	16121A04N9	II B.Tech- II Semester
30.	YALLAMILLI NANDITHA	16121A04P5	II B.Tech- II Semester
31.	AYNERI SAICHARAN	17125A0405	II B.Tech- II Semester

| Sl. No.	Name of the student	Roll number	Class and Semester
32.	GANDIKOTA MOURYA ANUDEEP	17125A0411	II B.Tech- II Semester
33.	GANGAPPAGARI UDAYKIRAN	17125A0412	II B.Tech- II Semester
34.	MADDELA NAGARJUNA	17125A0425	II B.Tech- II Semester
35.	MULA PRAVEEN KUMAR	17125A0426	II B.Tech- II Semester
36.	PEELAM NAGA LAKSHMI	17125A0438	II B.Tech- II Semester
37.	TALARI VIJAY KUMAR	17125A0443	II B.Tech- II Semester
38.	VADLA JAGANMOHANACHARI	17125A0446	II B.Tech- II Semester
39.	VIRAMALLIGARI VENKATESWARA SAI	17125A0447	II B.Tech- II Semester
40.	YERRA MAHENDRA NAIDU	17125A0448	II B.Tech- II Semester

HOD, ECE

Report on Workshop on

"Modeling and Simulation of Computational Electromagnetics Using Finite Element Method"
(05-23 February, 2018)

Workshop on "Modeling and Simulation of Computational Electromagnetics Using Finite Element Method" is organized by the Department of Electronics and Communication Engineering. Electromagnetics offer an array of applications where Finite Element (FE) and to a lesser extent Boundary Element (BEM) has been fruitfully applied for modeling and simulation. In recent years, due to intense competition coupled with easy availability of computational resources, the shift is towards more and more simulations and less on experimentation. But many problems like nonlinear electromagnetics, design, optimization etc., lead to computation intensive tasks, which call for better algorithms over and above the basic FE method.

FEM is a full-wave numerical technique for electromagnetic boundary-value problems. The basic principle of this method is to discretize the whole computing domain with a finite number of subdomains in which the unknown function is expanded by simple interpolation functions with unknown coefficients. Then, a system of algebraic equations of these unknown coefficients is obtained by using Ritz variational or Galerkin's method. Finally, by solving this linear system, the approximated solution of the entire domain can be obtained.

The workshop highlighted the process of computational electromagnetics to the students. The modeling of the device has started with introduction of the software followed by modeling of resistors, capacitors, inductors, EM wave, sensors and Transmission line.
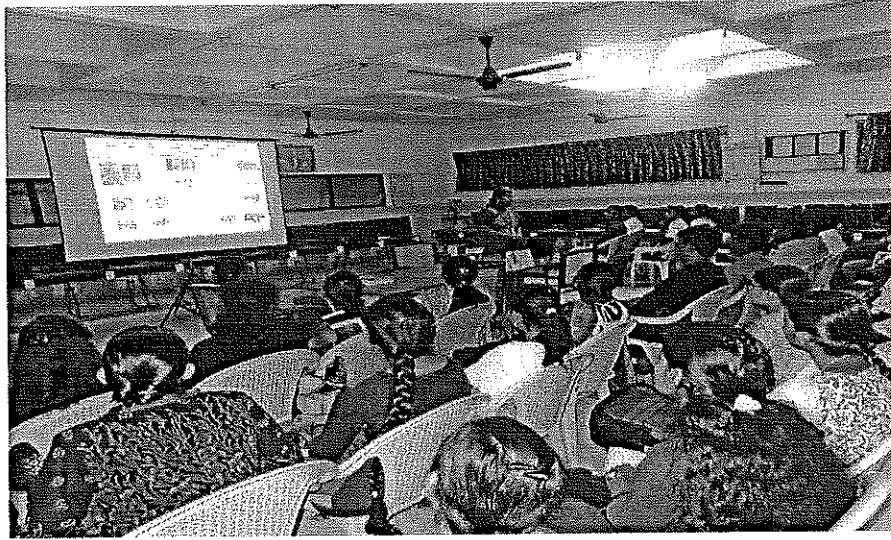
Resource Person Dr.P.Geetha addresses the audience with the introduction of COMSOL

Interaction of Resource Person Dr. D.Leela Rani with the participants
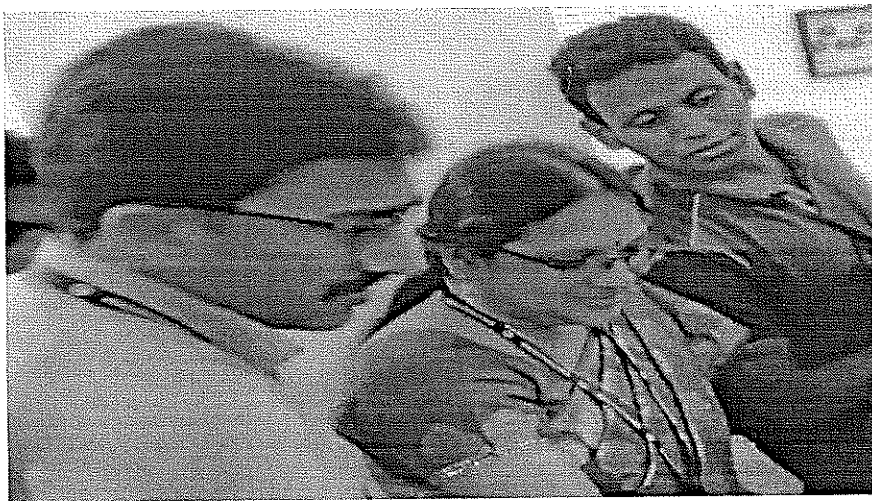
Dr. N. Padmaja with interacting with students

Coordinator

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, A. Rangampet, Tirupati-517102.

SREE
VIDYANIKETHAN
Engineering College
(Autonomous)

Certificate

This is to certify that

MUTHAYALA VENKATA SIVA NANDA REDDY

bearing roll No. ___16121A04F8___ *of*

Electronics & Communication Engineering Department

has participated and sucessfully completed the the Hands-on workshop on

Modeling and Simulation of Computational Electromagnetics Using Finite Element Method

held during 05 - February to 23 - February 2018, Organized by

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Sree Vidyanikethan Engineering College

Head of Department

Principal, SVEC

SREE VIDYANIKETHAN ENGINEERING COLLEGE
Sree Sainath Nagar, Tirupati Andhra Pradesh – 517102

Department of Electronics and Communication Engineering

Organizes

Add-on Course
on
GUI DESIGN USING MATLAB – HANDS ON

01 – 11 JANUARY 2018
(2:00 PM TO 5:00 PM)

Course Contents

- Create a Simple UI using GUIDE

- Files Generated by GUIDE

- Create a Simple UI Programmatically

- Lay out a UI using GUIDE

- Programming a GUIDE UI

- Lay Out a Programmatic UI

- Code a Programmatic UI

After successful completion of the course, students will be able to:

- Identify Graphical User Interface
- Analyse the use of various components used for the development of GUI.
- Re-Design the existing interface to suit the newly developed applications
- Apply coding to perform various calculations
- Develop new interface as a front end for any application

Target Group: III ECE, EEE & EIE

Registration

- Through niva

For any queries contact Dr. V. V, Satyanarayana T, satya.tvv@gmail.com

Mr. M. Venkatanaresh, nareshmvenkat@gmail.com

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, Tirupati- 517 102

SREE VIDYANIKETHAN Engineering College (Autonomous)

Department of Electronics and Communication Engineering

ADD-ON COURSE on
"GUI DESIGN USING MATLAB – HANDS ON"

Course Description:

MATLAB is a high-performance language for technical computing. It integrates computation, visualization, and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation. Typical uses include Math and computation, Algorithm development, Modeling, simulation, and prototyping, Data analysis, exploration, and visualization, Scientific and engineering graphics and Application development, including Graphical User Interface building. Thiscourse intends to provide a working introduction to the MATLAB in line with hands-on training on the design of graphical user interface. This specially packaged course is designed ideally for anyone beginning to use MATLAB and/or would like to learn about the MATLAB environment. Basic essential components that are used for design of graphical user interfaces are dealt along with background programming.

Course Contents
*   Create a Simple UI using GUIDE
*   Files Generated by GUIDE
*   Create a Simple UI Programmatically
*   Lay out a UI using GUIDE
*   Programming a GUIDE UI
*   Lay Out a Programmatic UI
*   Code a Programmatic UI

Coordinator

ADD-ON COURSE on
"GUI DESIGN USING MATLAB – HANDS ON"

Schedule of the Program

Date	Time	Topic Covered	Name of the Resource Person	Venue
01-01-2018	2 PM to 5 PM	Introduction to Graphical User Interface, Visualization considerations	Mr. M. Venkata Naresh, Assistant Professor, Department of ECE	DSP/CSP LAB
02-01-2018	2 PM to 5 PM	Plotting in two dimensions	Mr. M. Venkata Naresh, Assistant Professor, Department of ECE	DSP/CSP LAB
03-01-2018	2 PM to 5 PM	Plotting in three dimensions	Mr. M. Venkata Naresh, Assistant Professor, Department of ECE	DSP/CSP LAB
04-01-2018	2 PM to 5 PM	Elements of GUI design	Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE	DSP/CSP LAB
05-01-2018	2 PM to 5 PM	Placing the elements and creating basic front end design	Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE	DSP/CSP LAB
06-01-2018	2 PM to 5 PM	Back end programming	Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE	DSP/CSP LAB
08-01-2018	2 PM to 5 PM	Creating looping structures with various GUI	Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE	DSP/CSP LAB
09-01-2018	2 PM to 5 PM	Interfacing one to one GUI	Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE	DSP/CSP LAB
10-01-2018	2 PM to 5 PM	MATLAB event Queue	Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE	DSP/CSP LAB
11-01-2018	2 PM to 5 PM	Creation of custom interface objects	Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE	DSP/CSP LAB

Coordinator

Profile of Resource Person 1/Coordinator

Name of the Faculty:	Dr. V. V. Satyanarayana T	
Designation:	Associate Professor	
Area of Specialization:	Image Processing, Machine Learning	
Teaching Experience:	11 Years	
Academic Qualifications:	M.Tech., Ph.D	
Ph.D		

Awarded/Pursuing	Awarded
Name of the University	JNTU – Hyderabad
Year of Completion	2015
Specialization	Image Processing with Machine Learning
Title of thesis	Kernel Based Iris Recognition System with Dimensionality Reduction
Research Contributions	
International Journals	Scopus Indexed : 11 Web of Science : 01
Conferences	International Conferences: 11 National Conferences:01
Patents	02
Domain id	satyanarayanant.vv@vidyanikethan.edu

Profile of Resource Person 2

1.	**Name of Teaching Staff***	**Mr. M. Venkatanaresh**			
2.	**Designation**	Assistant Professor			
3.	**Department**	Electronics and communication Engineering			
4.	**Date of Joining the Institution**	09.06.2016			
5.	**Qualifications with Class/Grade**		**UG**	**PG**	**Ph.D**
		Degree	B.Tech (ECE)	M.Tech (CMS)	-
		University	JNTUA, Anantapuramu 2011	Sri Venkateswara University 2016	-
		Class/Grade	I Class with Distinction	I Class with Distinction	-
6.	**Total Experience in Years**	**Teaching**		**Industry**	**Research**
		2.5 Years		-	-
7.	**Papers Published in Journals**	**National**		**International**	
		Nil		09	
8.	**Papers Presented in Conferences**	**National**		**International**	
		0		05	
9.	**Conference/ Workshops/ FDPs Attended**	21			
10.	**Conference/ Workshops/ FDPs Organized**	-			
11.	**Ph.D Guide? Give field & University**	-		-	
12.	**Ph.Ds/Projects Guided**	05 UG Projects		-	
13.	**Books Published/IPRs/Patents**	-			
14.	**Professional Memberships**	-			
15.	**R&D Projects and Consultancy Activities**	-			
16.	**Significant Awards/Recognitions**	(i) **Qualified UGC,NET Assistant Professor ship.**			
17.	**Grants fetched**	-			
18.	**Interaction with Professional and other Institutions**	-			

Name of the Department	Name of the value added course	Start and end dates	Name of the resource person and affiliation	No. of students enrolled	No. of students completed
Electronics and Communication Engineering	Add-on course on GUI Design Using MATLAB – HANDS ON	01.01.2018 to 11.01.2018	Dr. V.V.Sathyanarayana and Mr. M. Venkatanaresh,	40	40

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	ANDALAM SARATH KUMAR	15121A0410	III B.Tech- II Semester
2.	BEERAM RAJESH KUMAR REDDY	15121A0425	III B.Tech- II Semester
3.	BOPPARAJU JAYA KRISHNA	15121A0430	III B.Tech- II Semester
4.	BYREDDY PRUDVINATH REDDY	15121A0434	III B.Tech- II Semester
5.	CHEVOORU RAJESH	15121A0444	III B.Tech- II Semester
6.	CHITTOOR CHAITANYA	15121A0449	III B.Tech- II Semester
7.	ELLURU ANUDEEP	15121A0460	III B.Tech- II Semester
8.	ERUKALA VISHNUVARDHAN	15121A0461	III B.Tech- II Semester
9.	H VISHNUCHANDRA	15121A0475	III B.Tech- II Semester
10.	K SAI KEERTHANA	15121A0484	III B.Tech- II Semester
11.	KARNATI SHARANYA	15121A0497	III B.Tech- II Semester
12.	KOTHAKAPA GOPI KRISHNA REDDY	15121A04B7	III B.Tech- II Semester
13.	M LAHARI	15121A04D2	III B.Tech- II Semester
14.	MAREDDY SAI SREE	15121A04E3	III B.Tech- II Semester
15.	MEDAM ARUN BHASKAR	15121A04E4	III B.Tech- II Semester
16.	NAMBI SREEKANTH	15121A04F7	III B.Tech- II Semester
17.	P SAI VAMSI VISWESWAR	15121A04G6	III B.Tech- II Semester
18.	RAJANALA MADHAVI	15121A04J0	III B.Tech- II Semester
19.	SADANAGIRI SREEKANTH	15121A04K0	III B.Tech- II Semester
20.	SHAIK SOHAIL	15121A04L3	III B.Tech- II Semester
21.	SOMARA ANIL KUMAR	15121A04L9	III B.Tech- II Semester
22.	SUNKARA SAI SANTHOSH	15121A04M0	III B.Tech- II Semester
23.	U SAI SURYA	15121A04M8	III B.Tech- II Semester
24.	VEDEM HARSHA VARDHAN REDDY	15121A04N4	III B.Tech- II Semester
25.	B MAHESH BABU	15121A04P6	III B.Tech- II Semester
26.	SHAIK AZHAR HUSSIAN	14121A04K2	III B.Tech- II Semester
27.	BODDU PURUSHOTHAM NAIDU	16125A0406	III B.Tech- II Semester
28.	BOGA SANDHYA	16125A0407	III B.Tech- II Semester
29.	GADIKOTA LAVANYA	16125A0415	III B.Tech- II Semester
30.	GALI VYSHNAVI	16125A0416	III B.Tech- II Semester

Sl. No.	Name of the student	Roll number	Class and Semester
31.	BELLAM PAVAN KUMAR REDDY	15121A1006	III B.Tech- II Semester
32.	KASIGARI JAHNAVI	15121A1028	III B.Tech- II Semester
33.	OSURU THANUSRI	15121A1049	III B.Tech- II Semester
34.	RAJESH KUMAR SOWMYA	15121A1056	III B.Tech- II Semester
35.	YEGGONI SUDEEP	15121A1076	III B.Tech- II Semester
36.	EDIGA RAVI KUMAR GOUD	16125A1005	III B.Tech- II Semester
37.	VUPPALAPATI JYOSTHNA	15121A02M5	III B.Tech- II Semester
38.	I PAVAN KUMAR	15121A0260	III B.Tech- II Semester
39.	NERELLA SAI BHARGAVI	15121A02D4	III B.Tech- II Semester
40.	MEDATHATI THERISA	15121A02B4	III B.Tech- II Semester

HOD, ECE

SREE VIDYANIKETHAN ENGINEERING COLLEGE

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Engineering College
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Department of Electronics and Communication Engineering

Report on
ADD-ON COURSE on "GUI DESIGN USING MATLAB – HANDS ON"

The Department of ECE has conducted an Add-on Course on "GUI Design Using MATLAB – Hands On" during 01-11 January, 2018. for the students of III B.Tech ECE. 40 students have actively participated and gained knowledge from all the sessions.

The primary objective of this add on course is to provide participants an introduction to the design of the graphical user interface. This course deals with the integration of the front-end design with the back-end programming, thus enabling the user to input the data during run time. This course intends to provide a working introduction to the MATLAB in line with hands-on training on the design of graphical user interface. This specially packaged course is designed ideally for anyone beginning to use MATLAB and/or would like to learn about the MATLAB environment. Basic essential components that are used for design of graphical user interfaces are dealt along with background programming.

The resource persons are Dr. V. V. Satyanarayana T, Associate Professor, Department of ECE and Mr. M. Venkata Naresh, Assistant Professor, Department of ECE has discussed the basics of handling MATLAB functions to the creation of the custom objects in MATLAB. The photographs of the course are as follows:
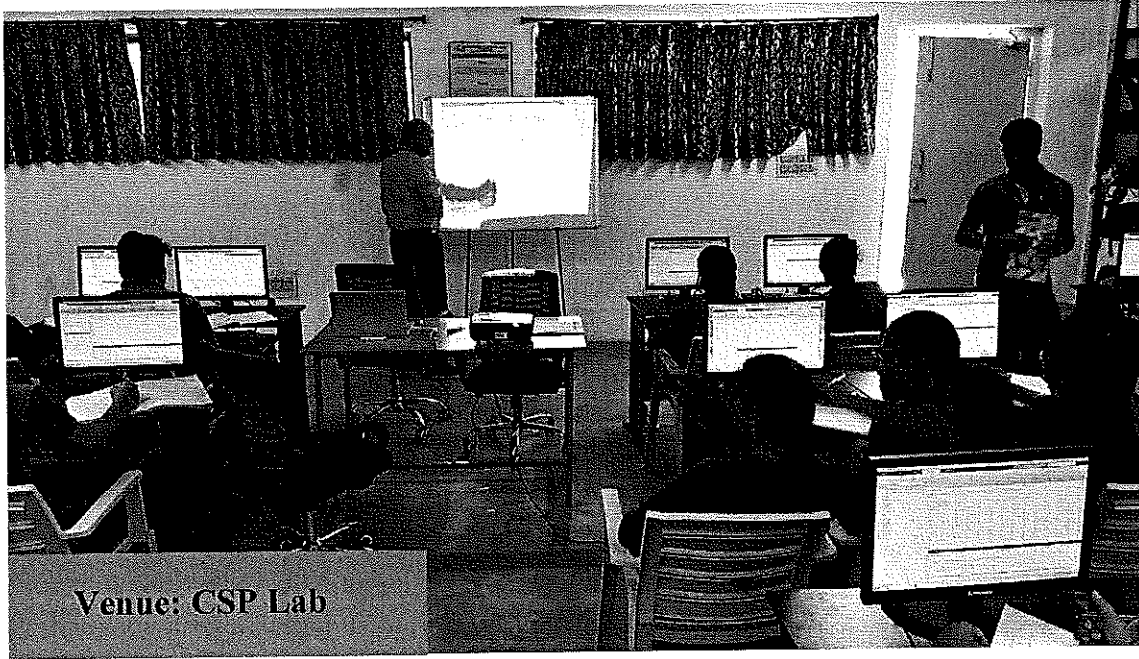
Resource person 1: Dr. V. V. Satyanarayana T, delivering the basic concepts of GUI
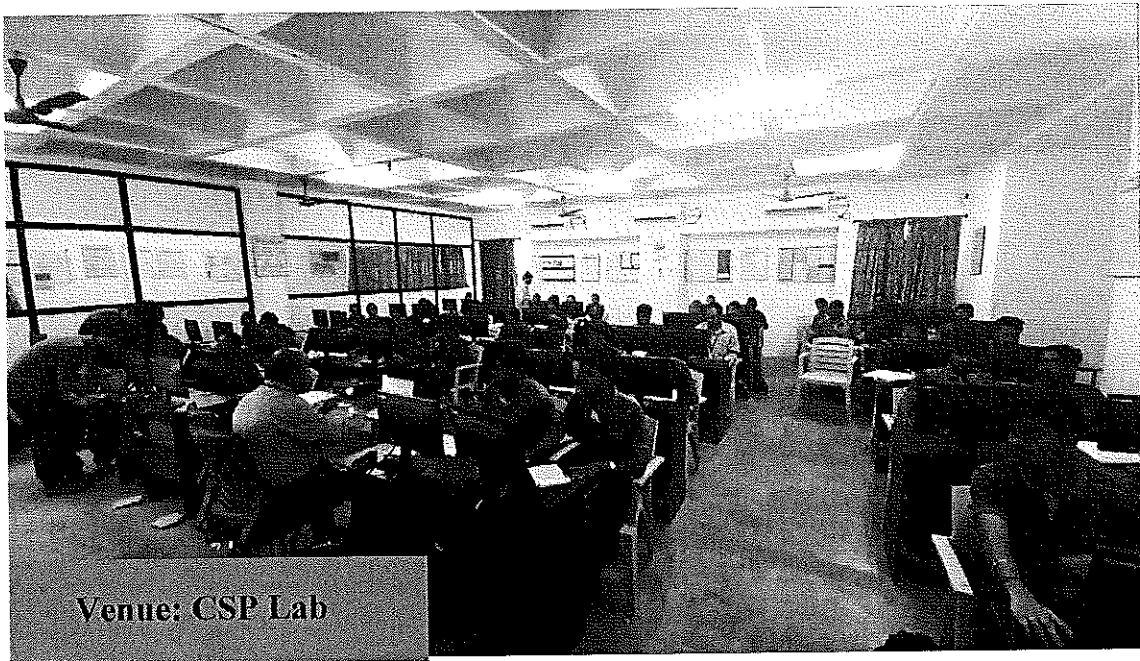
Students verifying the Program outputs

After successful completion of the course, students will be able to:

- Identify Graphical User Interface
- Analyze the use of various components used for the development of GUI.
- Re-Design the existing interface to suit the newly developed applications
- Apply coding to perform various calculations
- Develop new interface as a front end for any application

Coordinator

SREE VIDYANIKETHAN ENGINEERING COLLEGE

SREE VIDYANIKETHAN
Engineering College
(Autonomous)

(Autonomous)
Sree Sainath Nagar, A. Rangampet, Tirupati-517102.

Certificate

This is to certify that

NERELLA SAI BHARGAVI

bearing roll No. _____15121A02D4_____ *of*

Electronics & Communication Engineering Department

has participated and sucessfully completed the the Add-on course on

GUI Design Using MATLAB – HANDS ON

held during 01-January to 11-January 2018, Organized by

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Sree Vidyanikethan Engineering College

Head of Department

Principal, SVEC

Add-on Course on Big Data Analytics using Machine Learning Algorithms

S.No	Day	Topics
1	Day1	Introduction to Machine Learning and Data Analytics, Probability and Statistics
2	Day2	Linear Regression
3	Day3	Logistics Regression
4	Day4	Support Vector Machine
5	Day5	Naïve Bayes Classifier
6	Day6	Dimensionality Reduction Principal Component Analysis
7	Day7	Gradient Descent for Machine Learning Back Propagation Neural Network
8	Day8	K-Nearest Classifier K-Means Clustering
9	Day9	Decision Trees Random Forest
10	Day10	Ensemble Classifier

Expected Outcome
This course will enable students to have a good understanding of the fundamental issues and challenges of machine learning: data, model selection, model complexity, etc. They can analyze the strengths and weaknesses of many popular machine learning approaches. Students can infer the underlying mathematical relationships within and across Machine Learning algorithms and the paradigms of supervised and un-supervised learning. Students can able to design and implement various machine learning algorithms in a range of real-world applications.

Name of the Department	Name of the value added course	Course Code	Start and end dates	Name of the resource person and affiliation	Year of offering	No. of students enrolled in the year for the course	No. of students completed the course in the year for the course
CSE	Add-on course on Big data analytics using machine learning algorithms	17CSE01AC	29.01.2018 to 09.02.2018	Dr. V. Anantha Natarajan	2017	45	45

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	BANDARAM LOHITH	15121A0513	III Year II Semester
2.	BANDI GURU SRAVANI	15121A0514	III Year II Semester
3.	CHELLE CHARAN TEJA	15121A0525	III Year II Semester
4.	GAJULA SAI KEERTHANA	15121A0552	III Year II Semester
5.	GANDLA NAVYA KEERTHIKA	15121A0553	III Year II Semester
6.	KALIDASS SONIA	15121A0586	III Year II Semester
7.	KALLURU GEETHA KRISHNA	15121A0587	III Year II Semester
8.	MUPPALA GAYATHRI	15121A05D9	III Year II Semester
9.	MUPPALA VAMSI KRISHNA	15121A05E0	III Year II Semester
10.	NAGARURI JOHNSON	15121A05E1	III Year II Semester
11.	NARALA MEGHANATHA REDDY	15121A05E9	III Year II Semester
12.	NARNE PRIYANKA CHOWDARY	15121A05F1	III Year II Semester
13.	PALA THULASI	15121A05G6	III Year II Semester
14.	SHAIK MOHAMMED SOHAIL	15121A05K6	III Year II Semester
15.	SHAIK MOHAMMED TAIYAB	15121A05K7	III Year II Semester
16.	MAREMALLA SAI HEMANTH	16125A0519	III Year II Semester
17.	MD S ROSHAN ZAMEER	16125A0520	III Year II Semester
18.	NETHI SAMPATH KUMAR	16125A0521	III Year II Semester
19.	NUNE SRI SATYA SAI TEJA	16125A0522	III Year II Semester
20.	P SAI BHARGAV	16125A0523	III Year II Semester
21.	ARLA GANGALATHA	14121A0510	IV Year II Semester
22.	ASPARI NAGARAVI	14121A0511	IV Year II Semester
23.	EERPINI REVATHI	14121A0558	IV Year II Semester
24.	G AFNAN THABASOOM	14121A0559	IV Year II Semester
25.	GANTA NANDAKUMAR	14121A0568	IV Year II Semester

Sl. No.	Name of the student	Roll number	Class and Semester
26.	MAHIEDHAR NANDYALA	14121A05B7	IV Year II Semester
27.	MAKAM LAKSHMI SUJATHA	14121A05B8	IV Year II Semester
28.	MALIKIREDDY VENKATA SHIVANI	14121A05B9	IV Year II Semester
29.	MULLAGURI SRUTHI	14121A05D3	IV Year II Semester
30.	MUNTIMADUGU SAI TEJA NISHITHA	14121A05D5	IV Year II Semester
31.	REVELLA MANOZ KUMAR	14121A05J4	IV Year II Semester
32.	S CHANDAN SAI REDDY	14121A05J5	IV Year II Semester
33.	S JEEVAN REDDY	14121A05J6	IV Year II Semester
34.	S PANDEESWAR	14121A05J7	IV Year II Semester
35.	SABOWT RAJASEKHAR NAIK	14121A05J9	IV Year II Semester
36.	SUVARNA SREE SAI KUMAR	14121A05L0	IV Year II Semester
37.	SWAYAMPAKULA SAI VENKATA DHEERAJ KUMAR	14121A05L1	IV Year II Semester
38.	BAVIRISETTY VENKATA SATHYANARESH	15125A0503	IV Year II Semester
39.	BELLAPU RAVEENDRA REDDY	15125A0504	IV Year II Semester
40.	BOMMADI SWETHA	15125A0505	IV Year II Semester
41.	BUCHCHANNAGARI SUDHAKAR	15125A0506	IV Year II Semester
42.	THALLAM MAHESH BABU	15125A0525	IV Year II Semester
43.	VEERAPPA GARI PUSHPA RAJ	15125A0526	IV Year II Semester
44.	YEMME PAVANKUMAR	15125A0527	IV Year II Semester
45.	K SREENATH	15125A0528	IV Year II Semester

P.Narender
HOD-CSE

SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)
SREE SAINATH NAGAR, A. RANGAMPET – 517 102

FACULY PROFILE

1.	Name of Teaching Staff*	Dr. V. Anantha Natarajan			
2.	Designation & other responsibilities	Associate Professor ▪ Coordinator LeadingIndia.ai Project ▪ Member Centre for Intelligent Computing, Sree V Research Centre.			
3.	Department	Computer Science & Engineering			
4.	Qualifications with Class/Grade		**UG**	**PG**	**Ph.D**
		Degree	B.E	M.E	Ph.D CSE
		University	Annamalai University	Annamalai University	Annamalai University
		Class/Grade	Ist Class with Distinction	Ist Class with Distinction	-
5.	Total Experience in Years	**Teaching**		**Industry**	**Research**
		4		2	4
6.	Papers Published	**National**		**International**	
				10	
7.	Papers Presented in Conferences	**National**		**International**	
				05	
8	Ph.D Guide? Give field & University	**Field : - Image & Speech Processing, Deep Learning**		**University : - Annamalai University**	
9	Ph.Ds/Projects Guided	**PhDs : - 01**		**Projects at Masters Level : - 08**	
10.	Professional Memberships	IEEE, ACM			
11.	R&D Projects and Consultancy Activities	Current Project titles: 1. Weed and pest Detection using Deep Learning techniques 2. Box Office revenue estimation using predictive analytics			
12.	Grants fetched	AICTE MODROBS Fund of **Rs. 10.44 Lacs** Modernization of Computer Graphics Laboratory in to Computer Graphics and Vision Laboratory Funded By - Sree Vidyanikethan Educational Trust, 2018 Title – Weed and Pest detection in Agricultura Farms from Drone Captured images using Deep learning techniques Duration – 2 years MODROBS – Modernization of Existing Computer Graphics to Computer Graphics and Vision laboratory. (Co-coordinator)			
13.	Interaction with Professional and other Institutions	• Collaborated with Bennett University, Noida for AI & Deep Learning Research. • Keynote speaker in National & International workshop.			

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, TIRUPATI – 517 102

Department of Computer Science and Engineering

Report on
Add-on Course on Big Data Analytics using
Machine Learning Algorithms
29.01.2018 - 09.02.2018

The Department of Computer Science and Engineering has organized an ADD-ON Course on Machine Learning for III B. Tech CSE students from **29.01.2018 - 09.02.2018** between 02.00 PM and 05.00 PM. This course provided a broad introduction to the Machine Learning Algorithms including the topics such as Bayesian Learning, Support Vector Machine & Kernels, Logistic Regression & k-NN Classifiers, K-means Clustering & Artificial Neural Networks, Optimization algorithms and Decision Trees & Random Forest Algorithm. Students were taught the end-to-end process of investigating data through machine learning algorithm. They were trained to extract and identify useful features that best represent the data, and a few of the most important machine learning algorithms which are listed above, and how to evaluate the performance of your machine learning algorithms.

The resource person Dr. V. Anantha Natarajan, Associate professor,CSE,SVEC, Discussed Support Vector Machine & Kernels, Logistic Regression & k-NN Classifiers, K-means Clustering & Artificial Neural Networks, Optimization algorithms and Decision Trees & Random Forest Algorithm. Students were taught the end-to-end process of investigating data through machine learning algorithm.

HOD-CSE

CERTIFICATE OF PARTICIPATION

C.SAMEERA, III B.Tech. CSE

has participated in Add On Course on "Big Data Analytics Using Machine Learning Algorithms" conducted by Department of Computer Science and Engineering ,Sree Vidyanikethan Engineering College, Tirupati.

Coordinator Dr .V.Anantha Natarajan

HoD, Dept of. CSE
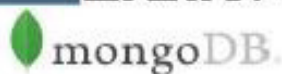
Department of Computer Science and Engineering

ADD-ON COURSE ON PYTHON &MongoDB

COURSE OUTCOMES:
On successful completion of the course, students will be able to:
- Have knowledge ofData Types, Variables, Expressions, Control statements, Strings and Text files, Lists, Dictionaries and Functions.
- Understand the concepts of object-oriented programming as used in Python: classes, subclasses, inheritance, and overriding.
- Learn how to use pandas library to import, build, and manipulate DataFrames.
- understand the basics of how MongoDB stores data, how to run queries against a MongoDB instance in order to store, manipulate, and retrieve data on it.

COURSE CONTENT:

S.No	Day	Topics
1	Day1	Introduction to python programming
2	Day2	Control statements
3	Day3	Arrays, functions, lambafunctions,filter(), map(), reduce()
4	Day4	Strings, lists, tuples and sets
5	Day5	Dictionaries, File Handling

6	Day6	Object Oriented programming in Python
7	Day7	Socket programming, Data representation and Visualization using pandas module.
8	Day8	Introduction to NoSQL Databases Data Types
9	Day9	MongoDb Collections Indexing Aggregation Replication Advanced Indexing
10	Day10	ShardingMongoDB Backup Relationships Text Search

2017-2018

Name of the Department	Name of the value added course	Course Code	Start and end dates	Name of the resource person and affiliation	Year of offering	No. of students enrolled in the year for the course	No. of students completed the course in the year for the course
CSE	Add-on course on Document database programming using MongoDB and Python	17CSE02AC	12.02.2018 to 12.02.2018	Mr. I.Reddy Sekhar Reddy	2017	40	40

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	G MANOJ KUMAR	15121A0544	III Year II Semester
2.	G PRABHU SHANKAR	15121A0545	III Year II Semester
3.	G ROSHINI	15121A0546	III Year II Semester
4.	G MANOJ KUMAR	15121A0547	III Year II Semester
5.	KRISTIPATI NAGA NIKHITA REDDY	15121A05B4	III Year II Semester
6.	KUDARAVALLI AMUKTHA	15121A05B5	III Year II Semester
7.	KUKUTLA GAUTHAM	15121A05B6	III Year II Semester
8.	KUNDURTHI BHAVANA	15121A05B7	III Year II Semester
9.	P SAI BHARGAV	16125A0523	III Year II Semester
10.	PALAGIRI GURIVIREDDY	16125A0524	III Year II Semester
11.	SHAIK CHAND BASHA	16125A0531	III Year II Semester
12.	SYED SADDAM	16125A0532	III Year II Semester
13.	T YOGESHWAR	16125A0533	III Year II Semester
14.	TOOGU VENKATESH REDDY	16125A0534	III Year II Semester
15.	ARAVA SUNNY KARTHIK	14121A0507	IV Year II Semester
16.	ARAVETI AMULYA KRISHNA	14121A0508	IV Year II Semester
17.	ARIKONDA SUNIL	14121A0509	IV Year II Semester
18.	ARLA GANGALATHA	14121A0510	IV Year II Semester
19.	ASPARI NAGARAVI	14121A0511	IV Year II Semester
20.	AVULA JAYASRI	14121A0512	IV Year II Semester
21.	AVULA KAVITHA	14121A0513	IV Year II Semester
22.	MITTAL JITHENDRA	14121A05D1	IV Year II Semester
23.	MOLLI SAI CHARAN YADAV	14121A05D2	IV Year II Semester

Sl. No.	Name of the student	Roll number	Class and Semester
24.	S CHANDAN SAI REDDY	14121A05J5	IV Year II Semester
25.	S JEEVAN REDDY	14121A05J6	IV Year II Semester
26.	SHAIK ELIYAZ BASHA	14121A05K5	IV Year II Semester
27.	SHAIK MOHAMMED MUDASIR	14121A05K6	IV Year II Semester
28.	SK SARIYATABASSUM	14121A05K7	IV Year II Semester
29.	SOMU ANIL KUMAR	14121A05K8	IV Year II Semester
30.	SUNKARA SAI NAREN	14121A05K9	IV Year II Semester
31.	SUVARNA SREE SAI KUMAR	14121A05L0	IV Year II Semester
32.	SWAYAMPAKULA SAI VENKATA DHEERAJ KUMAR	14121A05L1	IV Year II Semester
33.	SWETHA A	14121A05L2	IV Year II Semester
34.	DUDEKULA MAHAMMAD ALISHABBIR	15125A0509	IV Year II Semester
35.	GRANDHE SIREESHA	15125A0510	IV Year II Semester
36.	GUNDA HARSHAVARDHAN	15125A0511	IV Year II Semester
37.	GUNTUR VENUMADHAV	15125A0512	IV Year II Semester
38.	KATTAMEDDI PAVAN KUMAR REDDY	15125A0514	IV Year II Semester
39.	KOTANKA LINGAREDDY	15125A0515	IV Year II Semester
40.	KUMMARA RAJENDHRA PRASAD	15125A0516	IV Year II Semester

HOD-CSE

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)
SREE SAINATH NAGAR, TIRUPATI – 517 102
Department of Computer Science and Engineering

**Report on
Add-on Course on Big Data Analytics using
Machine Learning Algorithms
12.02.2018 - 16.02.2018**

The Department of Computer Science and Engineering has organized an ADD-ON Course on Machine Learning for III B. Tech CSE students from 12.02.2018 - 16.02.2018 between 02.00 PM and 05.00 PM . This course provided a broad introduction to the have knowledge of Data Types, Variables, Expressions, Control statements, Strings and Text files, Lists, Dictionaries and Functions.Understand the concepts of object-oriented programming as used in Python: classes, subclasses, Inheritance, and overriding. Learn how to use pandas library to import, build, and manipulate Data Frames. understand the basics of how MongoDB stores data, how to run queries against a MongoDB instance in order to store, manipulate, and retrieve data on it.

HOD-CSE

Department of Computer Science and Engineering

FACULTY PROFILE

1.	Name	:	I Reddy Sekhar Reddy		
2.	Designation	:	Asst. Prof.		
3.	Date of Joining	:	15-06-2015		
4.	Date of Birth	:	06-06-1991		
5.	Address for Communication	:	Jallavandlapalli, Devagudipalli, Chinnamandem, Kadapa-516214		
6.	Phone Number	:	9493757761		
7.	Email ID	:	reddysekharreddy.i@vidyanikethan.edu		
8.	Total Experience	:	Teaching:5	Industry: 0	Research:0
9.	Academic Qualifications				

Examination	College and University	Area of Specialization	Year of Passing	Class
Ph.D.	JNTUA	COMPUTER SCIENCE AND ENGINEERING	pursuing	
M.Tech	SVU	COMPUTER SCIENCE AND ENGINEERING	2015	DISTINCTION
B.Tech	GATES(JNTUA)	COMPUTER SCIENCE AND ENGINEERING	2012	DISTINCTION
INTERMEDIATE	KRISHNA REDDY SRI CHAITHANYA JUNIOR COLLEGE	MPC	2008	DISTINCTION
SSC	SWETHA HIGH SCHOOL	--	2006	FIRST CLASS

10.	• GATE qualified during 2012 and 2015. • APSET qualified during 2019. • Wipro certified faculty (PBL in java, J2EE) • Certified in "InfyTQ based Foundation Program" conducted by Infosys Limited and has been awarded with **A+** Grade. • Given inhouse training for past three years (2017-18,18-19,19-20) on python, java and C programming.

SREE VIDYANIKETHAN ENGINEERING COLLEGE(AUTONOMOUS)

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ANDHRA PRADESH – 517102

SREE VIDYANIKETHAN

CERTIFICATE OF PARTICIPATION

G.MANJJ KUMAR, III B.Tech. CSE

has participated in Add On Course on "Document Database Programming Using MongoDB & Python " conducted by Department of Computer Science and Engineering ,Sree Vidyanikethan Engineering College, Tirupati.

Coordinator Mr. I. Reddy Shekar Reddy

HoD, Dept of. CSE

Add on course

on

Graphical Programming using LabVIEW

(27/08/2017 to 07/09/2017)

Organized by

Department of Electronics and Instrumentation Engineering

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet - 517 102 Near Tirupati, Chittoor Dist., A.P. Ph: 0877 - 2236711 (4 lines) Ext. 425

Fax: 0877 – 2236600

About the Department

The Department was established in the year 1997 with a modest intake of 30. The intake was increased to 60 in the year 1998 and 120 in the year 2008. The Department got accredited by NBA in 2007 and reaccrediated in 2013. The Department has well qualified and experienced faculty. The Department is equipped with excellent infrastructure and state-of-the-art equipment to explore the technological challenges in the areas of Instrumentation and Control systems. The Department actively involves in various research areas which include Soft computing, Nonlinear Control systems, Robotics and MEMS. The department has its distinguished Alumni in National, Multinational, Government and Public sector units.

Objective: The main purpose of organizing this workshop is to enhance the programming skills, make the students to write the program and to understand the program by their own,interfacing the Lab VIEW with different compatible NI software's & Hardware's , also introducing the certification program and importance of CLAD Exam

Course Contents: After successful completion of this course students are able to

- ✓ Understand and do the programming in LabVIEW by their own
- ✓ Can able to interface LabVIEW with Multisim, my Rio boards.
- ✓ Able to do work with ELVIS boards
- ✓ Understand the importance of CLAD examination and certification

Topics to be Covered

- ➢ Basics of LabVIEW
- ➢ Construction of VI's
- ➢ Loops in LabVIEW
- ➢ Interfacing NI multisim with LabVIEW
- ➢ My Rio
- ➢ Interfacing of my Rio with LabVIEW
- ➢ Working with NI-ELVIS-II board dealing with CLAD models

Target Audience: III B.Tech Students

Date(s): 27/08/2017 to 07/09/2017

Time: 02:00 pm to 05:00pm

Venue: Simulation Lab

SREE VIDYANIKETHAN ENGINEERING COLLEGE
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Department of Electronics and Instrumentation
Graphical Programming using LabVIEW

COURSE OUTCOMES :

On successful completion of the program, student will be able to:

CO1. Demonstrate knowledge in LabVIEW programing.

CO2. Analyze the concepts of loops, interfacing, interfacing of My Rio, NI-ELVIS-II board and CLAD.

CO3. Design and develop suitable interface for real time application.

CO4. Exhibits programming skills, Choose suitable hardware and program the device to solve engineering problem.

CO5. Apply appropriate techniques, resources to complex engineering activities for modeling different systems by interfacing LabVIEW with hardware.

SYLLABUS

INTRODUCTION TO LABVIEW

Introduction to LabVIEW, basics of LabVIEW programming, construction of VIs, loops in Lab-VIEW and Interfacing NI multisim with LabVIEW.

HARDWARE INTERFACING

Introduction to My Rio, LabVIEW interfacing with My Rio, introduction to NI-ELVIS-II, Lab-VIEW interfacing with NI-ELVIS-II and dealing with CLAD models.

TEXT BOOKS

1.Travis Jeffrey, Jim Kring, LabVIEW for Everyone, Pearson Education, 2009.

REFERENCE BOOKS

1. Johnson Jennings, LabVIEW Graphical Programming, McGraw Hill, 4th Edition, 2014.

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SREE SAINATH NAGAR, TIRUPATI-517 102

Department of Electronics and Instrumentation
Add on course on "Graphical Programming using LabVIEW"
COURSE SCHEDULE

Date	Topic	Timings
27.08.2017	Introduction to LabVIEW	2.00 PM to 5.30 PM
28.08.2017	Basics of LabVIEW	2.00 PM to 5.30 PM
29.08.2017	Construction of VIs	2.00 PM to 5.30 PM
30.08.2017	Loops in LabVIEW	2.00 PM to 5.30 PM
31.08.2017	Introduction to NI Multisim	2.00 PM to 5.30 PM
03.09.2017	Interfacing NI multisim with LabVIEW	2.00 PM to 5.30 PM
04.09.2017	Introduction to My Rio	2.00 PM to 5.30 PM
05.09.2017	Interfacing My Rio with LabVIEW	2.00 PM to 5.30 PM
06.09.2017	Working with NI-ELVIS-II board	2.00 PM to 5.30 PM
07.09.2017	Dealing with CLAD models	2.00 PM to 5.30 PM

SREE VIDYANIKETHAN ENGINEERING COLLEGE

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SREE SAINATH NAGAR, TIRUPATI-517 102

Department of Electronics and Instrumentation
Add on course on "Graphical Programming using LabVIEW"
(27/08/2017 to 07/09/2017)
REPORT

An Add on course on "Graphical Programming using LabVIEW" is conducted in Department of EIE during 27th August 2017 to 7th September 2017. The resource person was **Mr. K. Ayyappa Swamy**, Assistant Professor, Dept. of EIE, Sree Vidyanikethan Engineering College.

The following topics were covered:

- Basics of LabVIEW.

- Construction of VI's.

- Loops in LabVIEW.

- Interfacing NI multisim with LabVIEW.

- My Rio.

- Interfacing of my Rio with LabVIEW.

- Working with NI-ELVIS-II board.

- dealing with CLAD models.

A Total of **38** students have attended, benefited from the program.

Incharge
Mr. K. Ayyappa Swamy
Assistant Professor,
Dept. of EIE, SVEC.

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Department of Electronics and Instrumentation
Graphical Programming using LabVIEW

List of Participants

Se. No	Name of the student	Roll number	Class and semester
1	Arava prashanth kumar	15121A1001	III B.Tech – I Semester
2	Avilala ramya	15121A1002	III B.Tech – I Semester
3	Bellam pavan kumar reddy	15121A1006	III B.Tech – I Semester
4	Bijjam harshitha	15121A1007	III B.Tech – I Semester
5	Bingi praneeth kumar	15121A1008	III B.Tech – I Semester
6	Bonagiri rajanikanth reddy	15121A1009	III B.Tech – I Semester
7	Chappidi akhileswara reddy	15121A1010	III B.Tech – I Semester
8	Dasari hoshitha	15121A1011	III B.Tech – I Semester
9	Gollapalli vishnuvardhan	15121A1015	III B.Tech – I Semester
10	Gorantla harshavardhan	15121A1016	III B.Tech – I Semester
11	Gudipati venkat nikesh	15121A1017	III B.Tech – I Semester
12	Gunturu kiran kumar	15121A1018	III B.Tech – I Semester
13	Guvva krishna kavya	15121A1019	III B.Tech – I Semester
14	Kanikaram medari dhanunjaya	15121A1027	III B.Tech – I Semester
15	Keerthana sathambakam	15121A1029	III B.Tech – I Semester
16	Kothapalli vanisree	15121A1033	III B.Tech – I Semester
17	Kummithi vishnu vardhan reddy	15121A1035	III B.Tech – I Semester
18	M p rushmitha	15121A1036	III B.Tech – I Semester
19	M sai manoj	15121A1037	III B.Tech – I Semester
20	Mude lokesh naik	15121A1043	III B.Tech – I Semester
21	Mudigolam revanth	15121A1044	III B.Tech – I Semester
22	Naru madhulika	15121A1048	III B.Tech – I Semester
23	Osuru thanusri	15121A1049	III B.Tech – I Semester

24	Pandilla sai seshanth	15121A1054	III B.Tech – I Semester
25	Pasala kishor	15121A1055	III B.Tech – I Semester
26	Rajesh kumar sowmya	15121A1056	III B.Tech – I Semester
27	Reddykonda parthasarathi reddy	15121A1057	III B.Tech – I Semester
28	Rishitha chowdary daruru	15121A1058	III B.Tech – I Semester
29	S harika	15121A1059	III B.Tech – I Semester
30	S nawaz shareef	15121A1060	III B.Tech – I Semester
31	Sekhar aswathi	15121A1064	III B.Tech – I Semester
32	Shaik mahammad saud	15121A1065	III B.Tech – I Semester
33	Surikuchi saketh	15121A1066	III B.Tech – I Semester
34	Tammineni manoj	15121A1069	III B.Tech – I Semester
35	Thumati bhuvaneshwari	15121A1070	III B.Tech – I Semester
36	Thunga arun saikumar reddy	15121A1071	III B.Tech – I Semester
37	Yarragudi roshan jameer	15121A1075	III B.Tech – I Semester
38	Yeggoni sudeep	15121A1076	III B.Tech – I Semester

HOD, EIE

Head of the Department
Electronics and Instrumentation Engineering
Sree Vidyanikethan Engineering College
(Autonomous)
Sree Sainath Nagar, A.RANGAMPET-517102

CURRICULUM- VITAE

Mr. K. Ayyappa Swamy, *M.Tech., (Ph.D)*
Assistant Professor of EIE
Sree Vidyanikethan Engg. College
(Autonomous)
Sree Sainath Nagar, A.Ranagmpet – 517 102
Near TIRUPATI (AP)
Email: ayyappa.kondru@gmail.com
Contact Phone: +91-9949224142

1. Academic Qualifications

Class	Board/University	Year of Passing	Percentage / CGPA Obtained
(Ph.D)	VIT, Vellore	2016 year of admission	--
M. Tech (DSSP)	GITAM Vishakhapatnam	20012	76.36%
B. Tech (ECE)	Aditya Engineering College	2009	59.76%
Intermediate	Board of Intermediate Education	2004	77%
SSC	School of Secondary Education	2002	61.5%

2. Total Experience: 7 Years

December' 2012 – Till Date	:	**Assistant Professor**, Department of EIE, Sree Vidyanikethan Engineering College, A. Rangampet.

3. Areas of Research Interest:
Signal Processing and Image Processing.

4. Subjects taught
(i)   Digital Signal Processing
(ii)   Biomedical Signal Processing
(iii)   Pulse and Digital Circuits
(iv)   Network Analysis
(v)   Principles of Communications
(vi)   VLSI Design
(vii)   Video Processing

5. Projects sanctioned:
Project Tile   : Frequency Modulated Hearing Aid for Elderly with Hearing Disability
Funding Agency   : Technology Interventions for Disabled & Elderly (TIDE) - DST
Project Duration : 02 Years   6 Months
Project Cost   : Rs. 56,58,417/-
Status   : ongoing

6. Research Publications:

Int. Conference	National Conference	Int. Journal	National Journal
03	00	04	00

[1] K. Ayyappa Swamy, S. Prathima and N. Padmaja, "Study of Presbycusis and Single Microphone Noise Reduction Techniques for Hearing Aids," *2018 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC)*, Madurai, India, 2018, pp. 1-5.

[2] Begum, A. Yasmine, GV Venkata Marutheswar, and K. Ayyappa Swamy. "Tuning of PID controller for superheated steam temperature system using modified Zeigler-Nichols tuning Algorithm." *International Journal of Engineering and Advanced Technology* 2 (2013): 541-543.

[3] Santhosh Kumar, B., and K. Ayyappa Swamy. "FPGA Implementation of a Nakagami-m fading channel Simulator using Random Number Generator." *Indonesian Journal of Electrical Engineering and Computer Science* 4.1 (2016): 133-140.

[4] K. Ayyappa Swamy, C. Somasundar Reddy, K. Durga Sreenivas, Image Compression Using Hybrid DCTDWT Transform, Volume 5, Issue 5, May 2015 ISSN: 2277 128X.

[5] Swamy, K. Ayyappa, G. Hemanth Kumar, and M. Balaji. "Low Bandwidth and Low Power Video Encoding." *Int. J. of Engineering Research and Applications (IJERA)* 3.1 (2013): 1522-1526.

[6] K. Ayyappa Swamy and U. Naresh Kumar "Bandwidth and Power Reduction in Video Encoding" in National Conference (NCACT-12) held at GITAM University.

[7] K. Ayyappa Swamy and B. Santhosh Kumar, 'A Boundary Detection Algorithm Applied by using Gradient Vector Flow Snake model and Watershed techniques', IEEE I2CT 2017.

[8] International Conference on Communications, Signal Processing and VLSI (IC2SV2019) International Springer NIT Warangal A Non-Uniform Digital Filter Bank Hearing-Aid for Aged People with Hearing Disability 23-10-2019 to 24-10-2019.

7. Instructional Material / Working Model / Charts prepared:

Developed Lab Manual for Signal Processing Lab.

8. Membership in Professional Bodies:

Life member of ISSE LM01554 since 2014.

9. Seminars/Workshops Attended:

S. No	Type of the Program	Title of the Program	Venue and address	Duration	Dates
1	Workshop	Five Day Workshop on Hands on Training Program on Technical Writing and Publishing with Advanced computer tools	Indian Institute of Information Technology Design and Manufacturing, Kanchipuram	5 days	25-05-2019 to 29-05-2019
2	Workshop	Challenges and Research Avenues in Signal and Image Processing	Dept. of ECE, SVEC	6 days	11-11-2019 to 16-11-2019
3	STTP	Artificial Intelligence	NIT Raipur	5 days	22-09-2019 to 26-09-2019
4	FDP	Recent Trends and Research Challenges on Nano CMOS VLSI Circuits by Industry Standard EDA Tools	Dept. of ECE, SVEC	6 days	26-08-2019 to 31-08-2019
5	FDP	One Week National Faculty Development	K.J. Somaiya Institute of	6 days	9-12-2019 to

		Program (FDP-2019) on Machine Learning for Image, Audio, Video, Analysis & IOT	Engineering & Information Technology, Mumbai		14-12-2019
6	FDP	Modalities and Analysis of Medical Images	Dep. EIE, SVEC	2 Days	22-23 February 2018
7	FDP	Signal Processing with Simulink	Dept. of ECE, SVEC	3 Days	7-9 February 2018
8	Workshop	IPR Awareness Workshop	Dep. EIE, SVEC	1 Day	16th December 2017
9	Seminar	Research Issues on Nano practical's and Nano Bio Sensor in Agriculture	Dep. ECE, SVEC	2 Days	24-25 November 2017
10	FDP	Project Based Learning With MATLAB	Dep. ECE, SVEC	1 Day	12th Oct 2017
11	STTP	FPGA based Digital System Design	NITTTR Chandigarh	5 Days	25-29 September 2017
12	FDP	MEMS Design and Its Applications	Sree Vidyanikethan Engineering College	05 days	24-28, October, 2016
13	Workshop	workshop on "COMSOL 5.2 & Application Builder"	Sree Vidyanikethan Engineering College Dept. of EIE,	01 day	29 July 2016
14	Workshop	Emerging Trends in VLSI Signal Processing	Sree Vidyanikethan Engineering College Dept of ECE	05 days	$22^{nd} - 27^{th}$ August 2016
15	Seminar	Two day National Seminar On "Smart Instrumentation for Smart City"	Sree Vidyanikethan Engineering College Dept. of EIE,	2 days	01st & 02nd Dec 2016
16	Workshop	Two Day National Workshop on "Recent Advances in Bioinformatics and Medical Image Analysis	Sree Vidyanikethan Engineering College Dept. of CEES,	02 days	18th & 19th 2016
17	STTP	One Week Short Term Training Program On "Emerging Trends in Signal and Image Processing (ETSip-2016)	SVNIT, Surat	05 Days	13-17 September 2016

(Mr. K. Ayyappa Swamy)

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, TIRUPATI-517 102

This certifies that

ARAVA PRASHANTH KUMAR

has successfully completed a Add on course on

"Graphical Programming using LabVIEW"

Conducted during 22-08-2017 to 07-09-2017 Organized by department of
Electronics and instrumentation Engineering Sree vidyanikethan Engineering
College

Convener   HOD EIE

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, TIRUPATI-517 102
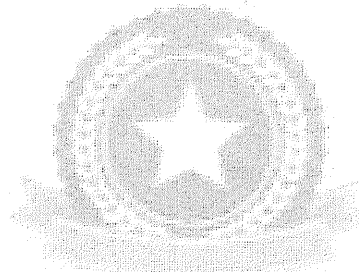
This certifies that

M SAI MANOJ

has successfully completed a Add on course on

"Graphical Programming using LabVIEW"

Conducted during 27-08-2017 to 07-09-2017 Organized by department of Electronics and instrumentation Engineering Sree vidyanikethan Engineering College

Convener

HOD EIE
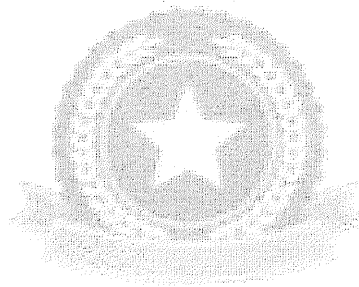
SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, A. RANGAMPET-517 102
DEPARTMENT OF INFORMATION TECHNOLOGY

Workshop

On

"Preparing and Writing Technical Paper"

September 11th -23rd ,2017

Resource Person: Dr. K. Khaja Baseer

Time: 2.15 PM – 4.45 PM

Venue: Room No. 818

Target Group: III B.Tech – IT Students

CONTENTS

- Introduction to Technical Writing
- Types of Research Articles
- Journals vs. Conferences
- Writing Instructions
- Discussion on Different Templates for Conferences
- Organizing Content in Conference Template
- Discussion on Different Templates for Journals
- Organizing Content in Conference Template
- Oral Presentations

Content with a detailed syllabus with subtopics

- ✓ Introduction to Technical Writing
- ✓ Types of Research Articles
- ✓ Journals vs. Conferences
- ✓ Writing Instructions
- ✓ Discussion on Different Templates for Conferences
- ✓ Organizing Content in Conference Template
- ✓ Discussion on Different Templates for Journals
- ✓ Organizing Content in Journal Template
- ✓ Oral Presentations

Course Schedule

Day	Date	Timing	Topic	Resource Person
1.	11/09/2017	2.00PM – 5.00PM	Introduction to Technical Writing	Dr. K. Khaja Baseer
2.	12/09/2017	2.00 PM – 5.00 PM	Types of Research Articles	Dr. K. Khaja Baseer
3.	13/09/2017	2.00 PM – 5.00 PM	About Journals	Dr. K. Khaja Baseer
4.	14/09/2017	2.00 PM – 5.00 PM	About Conferences	Dr. K. Khaja Baseer
5.	15/09/2017	2.00 PM – 5.00 PM	Writing Instructions	Dr. K. Khaja Baseer
6.	16/09/2017	2.00 PM – 5.00 PM	Discussion on Different Templates for Conferences	Dr. K. Khaja Baseer
7.	18/09/2017	2.00 PM – 5.00 PM	Organizing Content in Conference Template	Dr. K. Khaja Baseer
8.	19/09/2017	2.00 PM – 5.00 PM	Organizing Content in Conference Template	Dr. K. Khaja Baseer
9.	20/09/2017	2.00 PM – 5.00 PM	Discussion on Different Templates for Journals	Dr. K. Khaja Baseer
10.	21/09/2017	2.00 PM – 5.00 PM	Organizing Content in Journal Template	Dr. K. Khaja Baseer
11.	22/09/2017	2.00 PM – 5.00 PM	Organizing Content in Journal Template	Dr. K. Khaja Baseer
12.	23/09/2017	2.00 PM – 5.00 PM	Oral Presentations	Dr. K. Khaja Baseer

Name of the Department	Name of the value added course	Start and end dates	Name of the resource person and affiliation	No. of students enrolled	No. of students completed
Information Technology	Add-on Course on "Preparing and Writing Technical Report"	11.09.2017 to 23.09.2017	Dr. K. Khaja Baseer	36	36

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	MADISETTY SREEKANTH	15121A1262	III B.Tech- I Semester
2.	MEDARIMITTA MEGHANA	15121A1267	III B.Tech- I Semester
3.	N PAVAN	15121A1269	III B.Tech- I Semester
4.	PEMA CHAITHANYA	15121A1280	III B.Tech- I Semester
5.	M RASI	15121A1261	III B.Tech- I Semester
6.	PENAMALLI HARSHITHA	15121A1281	III B.Tech- I Semester
7.	POLU HYNDHAVI REDDY	15121A1284	III B.Tech- I Semester
8.	PULI TEJASRI	15121A1286	III B.Tech- I Semester
9.	SOMISETTY MANASA	15121A1296	III B.Tech- I Semester
10.	SUNKAVALLI LAKSHMI SUJITHA	15121A1298	III B.Tech- I Semester
11.	SURAPURAJU AMARESWARA VARMA	15121A1299	III B.Tech- I Semester
12.	R ALEKHYA	15121A1288	III B.Tech- I Semester
13.	SHAIK NASEER	15121A1294	III B.Tech- I Semester
14.	SHAIK SARFARAZ AHMED	15121A1295	III B.Tech- I Semester
15.	ALLURU SYAM SUNDHAR	15121A1204	III B.Tech- I Semester
16.	AMMALADINNE SRI RAGHA BHAVANA	15121A1206	III B.Tech- I Semester
17.	BETHALA THASLEEM	15121A1210	III B.Tech- I Semester
18.	VEMULA SATYANARAYANA SUSMITHA	15121A12B0	III B.Tech- I Semester
19.	A SAISURYA	15121A1201	III B.Tech- I Semester
20.	BIJINEPALLI ANIL KUMAR	15121A1211	III B.Tech- I Semester
21.	C HEMANTH	15121A1214	III B.Tech- I Semester
22.	CHINNI VENKATA YASWANTH	15121A1219	III B.Tech- I Semester
23.	C SRUJANA	15121A1215	III B.Tech- I Semester
24.	CHALICHALAMALA MOUNIKA	15121A1216	III B.Tech- I Semester
25.	CHALICHEEMALA TEJASWINI	15121A1217	III B.Tech- I Semester
26.	DASARI RISHIKA	15121A1221	III B.Tech- I Semester
27.	JAINI VENKATA PAVITHRA LAKSHMI	15121A1238	III B.Tech- I Semester
28.	K SAI RAGHAVA	15121A1240	III B.Tech- I Semester
29.	DATLA VENKATA BHARGHAV REDDY	15121A1222	III B.Tech- I Semester

Sl. No.	Name of the student	Roll number	Class and Semester
30.	DUTTALA SAI CHITRAVATHI	15121A1227	III B.Tech- I Semester
31.	G JAHNAVI	15121A1230	III B.Tech- I Semester
32.	GANACHARI THANMAI	15121A1232	III B.Tech- I Semester
33.	KOLAKANI SAI KUMAR	15121A1251	III B.Tech- I Semester
34.	KUMMITHA ANUSHA	15121A1257	III B.Tech- I Semester
35.	K V KUSUMA	15121A1241	III B.Tech- I Semester
36.	KAVALI SAI VARSHITHA	15121A1249	III B.Tech- I Semester

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HEAD
Department of Information Technolo
Sree Vidyanikethan Engineering Coll
Sree Sainath Nagar, A. Rangampe
TIRUPATI - 517 102 (A.P)

Profile of resource person

Dr. K. K. Baseer,Associate Professor of IT & Member, Data Analytics Research Center, Sree Vidyanikethan Engineering College, Tirupati.

Brief Report with Photograph and Outcomes

Department: IT | Date: 11th September, 2017 to 23rdSeptember 2017

Workshop on " Preparing and Writing Technical Report"

Dr. K.K. Baseer, conducted 2 Week Workshop on **Preparing and Writing Technical Report** for III B.Tech, I Semester students under Data Analytics Research Lab of Information Technology department.

In this course the resource person trained the students with hands-on practice for different types of Research articles, formats of Journals and Conferences, how to organize Journals and Conference templates with oral presentations. A total of 36 students are participated in this workshop. At end of the course, oral presentationsis conducted to assess the student learning capabilities.

Outcome of the Course:
- Gained knowledge on Technical Report preparing and writing concepts.
- Apply formats and templates to prepare a good article

Targeted Group: III B. Tech students

Dr. K. K. Baseer delivering a lecture on Preparing and Writing Technical Report.

Certificate

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, Tirupati – 517 102

Two Week Add-on Course

on

"Preparing and Writing Technical Report"

September 11-23, 2017

Certificate

This is to certify that A. SAI SURYA of III B.Tech IT has participated in Two Week Add-on course on **"Preparing and Writing Technical Report"**, during 11-23 September, 2017 organized by the Department of Information Technology, Sree Vidyanikethan Engineering College, Tirupati.

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HoD

Principal

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, Tirupati – 517 102

Department of Information Technology

Training Program

on

"DIGITAL IMAGE PROCESSING USING MATLAB"

February 12th – 28th, 2018

Organized by

Department of Information Technology

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)

Sree Sainath Nagar, Tirupati
Andhra Pradesh – 517102, India
Ph: +(91) 877-2236711-14
Fax: 0877-2236717

Target Group : IV B.Tech IT
             Students
Time   : 2.15 PM – 4.45 PM
Venue   : Room .No 818
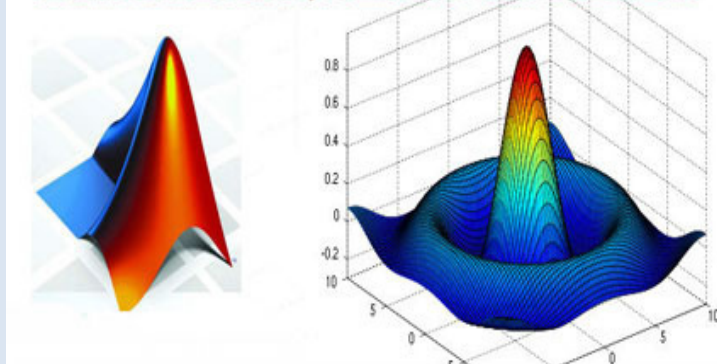
Resource Persons:

1. **Mr. P. Sreenivas Reddi**
   Assistant Professor of IT
   SVEC, Tirupati
2. **Mr. V. Lokanadham Naidu**
   Assistant Professor (SL) of IT
   SVEC, Tirupati

Topics:

- Introduction to Digital Image Processing
- Working with the MATLAB user interface
- Entering commands and creating variables
- Analyzing vectors and matrices
- Visualizing vector and matrix data
- Working with data files
- Working with data types
- Automating commands with scripts
- Writing programs with branching and loops
- Writing functions
- Two- and three-dimensional plots, images, animation
- Image Enhancement
- Image Analysis
- Image Segmentation
- Image Registration

CONTENT WITH A DETAILED SYLLABUS

- Introduction to Digital Image Processing
  - Introduction
  - Characteristics of Digital Image Processing
  - Advantages of Digital Image Processing
  - Applications
  - Digital Image
  - Image Types
- Working with the MATLAB user interface
- Entering commands and creating variables
- Analyzing vectors and matrices
- Visualizing vector and matrix data
- Working with data files
- Working with data types
- Automating commands with scripts
- Writing programs with branching and loops
- Writing functions
- Two- and three-dimensional plots, images, animation
- Image Enhancement
  - Gray level and contrast manipulation
  - Noise reduction
  - Edge sharpening
  - Filtering
  - Interpolation
- Image Analysis
- Image Segmentation
- Image Registration

DAY-WISE SCHEDULE

Date (Time)	Topics to be covered	Resource Person Name
12.02.2018 (2.15 PM to 4.45 PM)	Introduction to Digital Image Processing	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC
13.02.2018 (2.15 PM to 4.45 PM)	Working with the MATLAB user interface	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) Dept. of Information Technology, SVEC
14.02.2018 (2.15 PM to 4.45 PM)	Entering commands and creating variables	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC
15.02.2018 (2.15 PM to 4.45 PM)	Analyzing vectors and matrices	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) Dept. of Information Technology, SVEC
16.02.2018 (2.15 PM to 4.45 PM)	Visualizing vector and matrix data	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC
17.02.2018 (2.15 PM to 4.45 PM)	Working with data files	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) Dept. of Information Technology, SVEC
19.02.2018 (2.15 PM to 4.45 PM)	Working with data types	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC
20.02.2018 (2.15 PM to 4.45 PM)	Automating commands with scripts Image Registration	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) Dept. of Information Technology, SVEC
21.02.2018 (2.15 PM to 4.45 PM)	Writing programs with branching and loops	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC
22.02.2018 (2.15 PM to 4.45 PM)	Writing functions	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) Dept. of Information Technology, SVEC
23.02.2018 (2.15 PM to 4.45 PM)	Two- and three-dimensional plots, images, animation	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC
24.02.2018 (2.15 PM to 4.45 PM)	Image Enhancement	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) Dept. of Information Technology, SVEC
26.02.2018 (2.15 PM to 4.45 PM)	Image Analysis	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC
27.02.2018 (2.15 PM to 4.45 PM)	Image Segmentation	**Mr. V. Lokanadham Naidu** Assistant Professor (SL) Dept. of Information Technology, SVEC
28.02.2018 (2.15 PM to 4.45 PM)	Image Registration	**Mr. P. Srinivasa Reddi** Associate Professor Dept. of Information Technology, SVEC

Name of the Department	Name of the value added course	Start and end dates	Name of the resource person and affiliation	No. of students enrolled	No. of students completed
Information Technology	Training Program on "Digital Image Processing using MATLAB"	12.02.2018 to 28.02.2018	Mr.P.Sreenivas Reddi & Mr.V.Lokanadham Naidu	28	28

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	B.KAVITHA	14121A1210	IV B.Tech- II Semester
2.	B.SRI SAI CHARITHA	14121A1211	IV B.Tech- II Semester
3.	C.THEJESWANI	14121A1212	IV B.Tech- II Semester
4.	G.APARNA	14121A1223	IV B.Tech- II Semester
5.	E.RAJASEKHAR MURTHY	14121A1222	IV B.Tech- II Semester
6.	G.SWETHA	14121A1224	IV B.Tech- II Semester
7.	G.SANDEEP KUMAR	14121A1225	IV B.Tech- II Semester
8.	G.SASIKALA	14121A1226	IV B.Tech- II Semester
9.	K.RAKESH	14121A1241	IV B.Tech- II Semester
10.	K.VAMSI KRISHNA	14121A1242	IV B.Tech- II Semester
11.	K.KAMAKSHI DEVI	14121A1243	IV B.Tech- II Semester
12.	K.GOKUL	14121A1244	IV B.Tech- II Semester
13.	M.PRASANTH	14121A1250	IV B.Tech- II Semester
14.	M.THARUN KUMAR	14121A1251	IV B.Tech- II Semester
15.	M.NAVEEN REDDY	14121A1252	IV B.Tech- II Semester
16.	M.ASRITHA SAI	14121A1253	IV B.Tech- II Semester
17.	M.MEGHANA	14121A1267	IV B.Tech- II Semester
18.	B.KAVITHA	14121A1210	IV B.Tech- II Semester
19.	N.LAKSHMI NAVYA	14121A1268	IV B.Tech- II Semester
20.	O.HYNDHAVI	14121A1269	IV B.Tech- II Semester
21.	P.ANITHA	14121A1270	IV B.Tech- II Semester
22.	P.JAGADEESH	14121A1272	IV B.Tech- II Semester
23.	P.MD.ZEESHAN SHEIKH	14121A1273	IV B.Tech- II Semester
24.	V.PRATHYUSHA	14121A12A3	IV B.Tech- II Semester
25.	V.NAGA HANEESHA	14121A12A4	IV B.Tech- II Semester
26.	V.RADEESWAR REDDY	14121A12A5	IV B.Tech- II Semester
27.	Y.L.VAMSI KRISHNA	14121A12A6	IV B.Tech- II Semester
28.	Y.DIVYASREE	14121A12A7	IV B.Tech- II Semester

K. Ra————
HEAD
Department of Information Technology
Sree Vidyanikethan Engineering College
Sree Sainath Nagar, A. Rangampet
TIRUPATI - 517 102 (A.P)

PROFILE OF RESOURCE PERSON

1. **Mr. P. Srinivasa Reddi,** *M.Tech. (Ph.D.),* Associate Professor of IT & Member, Intelligent Computing Research Group, Sree Vidyanikethan Engineering College, Tirupati. His research areas are Digital Image Processing and Video Analytics.

2. **Mr. V. Lokanadam Naidu,** *M.E., (Ph.D), Assistant* Professor (SL) of IT, & Member, Intelligent Computing Research Group, Sree Vidyanikethan Engineering College, Tirupati. His research areas are Digital Image Processing and Multimedia Security.

BRIEF REPORT WITH PHOTOGRAPH AND OUTCOMES

A training program on "**Digital Image Processing using MATLAB**" is organized by Department of Information Technology, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh, India during February 12-28, 2018 for the benefit of IV B. Tech, II Semester students. The objectives of this training program are as follows:

- To gain knowledge on image fundamentals and necessary techniques for image processing.
- To learn the concepts of MATLAB programming.
- To apply the various functions of MATLAB to analyze, extract and process the features of the image.

In this training program, a total of 28 students are participated. The students are trained on various concepts of Digital Image Processing and conducted hands-on based training using MATLAB.

Mr. P. Srinivasa Reddi, Associate Professor, Information Technology department and **Mr. V. Lokanadam Naidu**, Assistant Professor (SL), Information Technology department were acted as resource persons. The students were introduced with the practical examples on MATLAB programming. In addition, the students are trained and gained the practical knowledge on various topcis of Digital Image Processing.
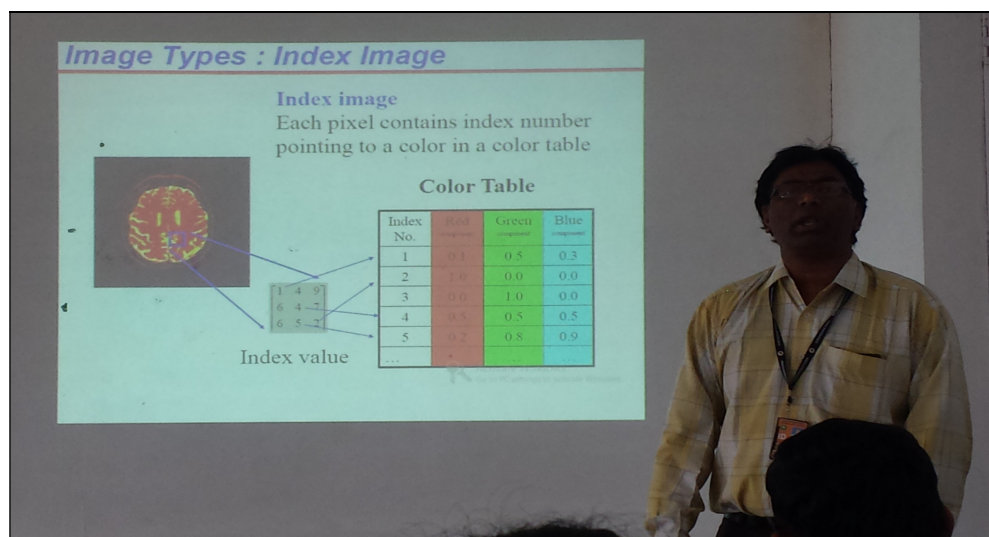
Mr. P. Srinivasa Reddi is explaining the various types of Digital Images in Image Processing.

OUTCOMES OF THE PROGRAM:

- Demonstrate the concepts of the image processing.

- Apply the various functions of MATLAB to extract image features.

- Develop projects/scientific applications related to image processing.

CERTIFICATE

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, Tirupati – 517 102, A.P., India

Training Program
on

DIGITAL IMAGE PROCESSING USING MATLAB
(February 12-28, 2018)

Certificate of Participation

This is to certify that MR. E. RAJASEKHAR MURTHY has participated in a Training Program on "DIGITAL IMAGE PROCESSING USING MATLAB" organized by Department of Information Technology, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh, India.

HEAD OF THE DEPARTMENT

PRINCIPAL

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, A. RANGAMPET-517 102

Department of Computer Science and Systems Engineering

Add-on course

On

Building AR and VR Apps in Unity

DATE   **10/08/2017 to 27/08/2017**

TIME   **2.30 PM to 4.30 PM**

RESOURCE PERSON

- **Dr.G.Sasikumar, Professor, CSSE**
- **Ms.T.Kavitha, Assistant Professor, CSSE**

VENUE: CSSE seminar hall (Room No.520)

CONTENTS

- **Introduction to XR: VR, AR, and MR Foundations**

- **Mobile VR App Development with Unity**
  - **Working with Mobile VR in Unity**
  - **Interaction and Locomotion**
  - **VR UX with the Unity API**

- **Handheld AR App Development with Unity**
  - **Laying the AR Foundation with Unity's AR Foundation Package**
  - **Architecting AR Space - Pose Tracking and Environment Detections**
  - **Designing the UX in AR - Raycast, Light Estimation, Physics and Occlusion**

Target Group:

IV year I semester CSSE students

For Academic year: 2017-2018

Add-on course on Building AR and VR apps in Unity (17AOC)

Course Description:

This course, will explain the technologies that make XR possible, describe the unique UX concerns around developing for XR, and walk through developing VR and AR apps for mobile devices. Students will learn how Unity supports the many components of a VR app, including tracking, teleporting, interacting with virtual objects, positional audio, and much more. students also see how Unity's AR Foundation supports building handheld AR apps. XR is a field that is constantly evolving, and it shows to users what's on the horizon for VR and AR.

Course Content:

- Introduction to XR: VR, AR, and MR Foundations
- Mobile VR App Development with Unity
- Working with Mobile VR in Unity
- Interaction and Locomotion
- VR UX with the Unity API
- Handheld AR App Development with Unity
- Laying the AR Foundation with Unity's AR Foundation Package
- Architecting AR Space - Pose Tracking and Environment Detections
- Designing the UX in AR - Raycast, Light Estimation, Physics and Occlusion

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet – 517 102

DEPARTMENT OF COMPUTER SCIENCE & SYSTEMS ENGINEERING

Add-on Course

On

Building AR and VR apps in Unity

10-08-2017 to 27-08-2017

Programme Schedule

Date & Time	Topic	Name of the Resource Person
Registration [2.00 to 2.15 PM] **VENUE: CSSE LAB (Room No. 510)**		
Inaugural [2.15 to 2.30 PM] **VENUE: Seminar Hall (Room No. 520)**		
10-08-2017 2.30 to 4.30 PM	Introduction to XR	Dr.G.Sasikumar, Professor, CSSE
11-08-2017 2.30 to 4.30 PM	VR, AR, and MR Foundations	Dr.G.Sasikumar, Professor, CSSE
12-08-2017 2.30 to 4.30 PM	Mobile VR App Development with Unity	Dr.G.Sasikumar, Professor, CSSE
14-08-2017 2.30 to 4.30 PM	Working with Mobile VR in Unity	Dr.G.Sasikumar, Professor, CSSE
16-08-2017 2.30 to 4.30 PM	Interaction session	Dr.G.Sasikumar, Professor, CSSE
17-08-2017 2.30 to 4.30 PM	Locomotion	Dr.G.Sasikumar, Professor, CSSE
18-08-2017 2.30 to 4.30 PM	VR UX with the Unity API	Ms.T.Kavitha, Assistant Professor, CSSE
19-08-2017 2.30 to 4.30 PM	Laying the AR Foundation with Unity's AR Foundation Package	Ms.T.Kavitha, Assistant Professor, CSSE
21-08-2017 2.30 to 4.30 PM	Laying the AR Foundation with Unity's AR Foundation Package	Ms.T.Kavitha, Assistant Professor, CSSE
22-08-2017 2.30 to 4.30 PM	Architecting AR Space - Pose Tracking	Ms.T.Kavitha, Assistant Professor, CSSE
23-08-2017 2.30 to 4.30 PM	Architecting AR Space -Environment Detections	Ms.T.Kavitha, Assistant Professor, CSSE
24-08-2017 2.30 to 4.30 PM	Designing the UX in AR - Raycast	Ms.T.Kavitha, Assistant Professor, CSSE
25-08-2017 2.30 to 4.30 PM	Light Estimation, Physics and Occlusion	Ms.T.Kavitha, Assistant Professor, CSSE
26-08-2017 2.30 to 4.30 PM	Feedback	

Evidential data for Value-added courses under Sub-criterion 1.3.3

(2017-18)

Name of the department	Name of the value added course	Course Code	Start and end dates	Name of the resource person and affiliation	Year of offering	No. of students enrolled in the year for the course	No. of students completed the course in the year for the course
CSSE	Ad-on course on "Building AR and VR apps in Unity"	17AOC	10/08/2017 To 27/08/2017	Dr.G.Sasikumar Ms.T.Kavitha (SVEC)	2017-18	60	60

List of students			
Sl. No.	Name of the student	Roll number	Class and Semester
1.	AKULA YASWANTH	14121A1502	IV B.Tech I Semester
2.	BALA MURALI KRISHNA P	14121A1508	IV B.Tech I Semester
3.	BANDARU MOURYA REDDY	14121A1509	IV B.Tech I Semester
4.	BHARATH ATMAKURI	14121A1510	IV B.Tech I Semester
5.	BOBBA UDAYA BHANU	14121A1511	IV B.Tech I Semester
6.	CHINNI VENKATA SUMA PRATHYUSHA	14121A1517	IV B.Tech I Semester
7.	CHINTHAKANI NISHITHA	14121A1518	IV B.Tech I Semester
8.	DANDU RAMAIAHGARI SURENDRA	14121A1520	IV B.Tech I Semester
9.	DINDUKURTHI SRI NAVYA	14121A1521	IV B.Tech I Semester
10.	EATUKURI PREETHI	14121A1523	IV B.Tech I Semester
11.	G BINDU	14121A1524	IV B.Tech I Semester
12.	G YOGITHA SATYASRI	14121A1525	IV B.Tech I Semester
13.	GALETI FARAH HUSSAIN	14121A1526	IV B.Tech I Semester
14.	GAVIREDDY PAARTHEESH	14121A1527	IV B.Tech I Semester
15.	GUDDEPPAGARI SHATISH KUMAR REDDY	14121A1528	IV B.Tech I Semester
16.	GUDURU PRANEETH	14121A1529	IV B.Tech I Semester
17.	GUNDA KARTHIK	14121A1530	IV B.Tech I Semester
18.	GUNDA PRANAVI	14121A1531	IV B.Tech I Semester
19.	GUNTIPALLI VAMSI	14121A1532	IV B.Tech I Semester
20.	GURRAM KIRANKUMAR REDDY	14121A1533	IV B.Tech I Semester
21.	INDLURU MADHURI	14121A1534	IV B.Tech I Semester
22.	JABBALA SRAVAN	14121A1535	IV B.Tech I Semester

23.	JAMMULADINNE HEMASRI	14121A1536	IV B.Tech I Semester
24.	JOGI DEEPTHI	14121A1537	IV B.Tech I Semester
25.	K KRISHNAVENI	14121A1538	IV B.Tech I Semester
26.	K NEHA	14121A1539	IV B.Tech I Semester
27.	K SINDHU	14121A1541	IV B.Tech I Semester
28.	K SRIKANTH	14121A1542	IV B.Tech I Semester
29.	KALLURI ANUSHA	14121A1543	IV B.Tech I Semester
30.	KATAMREDDY ANUPAMA	14121A1545	IV B.Tech I Semester
31.	KATARI PRAVEEN	14121A1546	IV B.Tech I Semester
32.	KATRAGADDA DEVARSHA	14121A1547	IV B.Tech I Semester
33.	KONGARA BHAVANA	14121A1549	IV B.Tech I Semester
34.	KONJETI PAVAN LAKSHMI TEJASWINI	14121A1550	IV B.Tech I Semester
35.	KOTTE MANIKANTA	14121A1551	IV B.Tech I Semester
36.	KRISHNAM HARIKA	14121A1552	IV B.Tech I Semester
37.	KRISHNAM SRAVANI	14121A1553	IV B.Tech I Semester
38.	KUMMARI VINAY KUMAR	14121A1554	IV B.Tech I Semester
39.	M MAHESH KUMAR	14121A1555	IV B.Tech I Semester
40.	MABBU VASUMATHI	14121A1556	IV B.Tech I Semester
41.	MADANAPALLI MALLESH	14121A1557	IV B.Tech I Semester
42.	MADINENI PUJITHA	14121A1558	IV B.Tech I Semester
43.	MADIRAJU ANUSHA	14121A1559	IV B.Tech I Semester
44.	MAJJARI TEJASWI	14121A1560	IV B.Tech I Semester
45.	MARA SUMATHI	14121A1561	IV B.Tech I Semester
46.	MEKA ADITYA VITTAL	14121A1562	IV B.Tech I Semester
47.	MUPPINI LOHITHA	14121A1564	IV B.Tech I Semester
48.	NARNE SRI SWAPNA	14121A1565	IV B.Tech I Semester
49.	NUKALA VENKATA SAI SUJITHA	14121A1566	IV B.Tech I Semester
50.	P HARISH REDDY	14121A1567	IV B.Tech I Semester
51.	P PRAVEENA	14121A1568	IV B.Tech I Semester
52.	PANDLURU VENKATESH	14121A1569	IV B.Tech I Semester
53.	PATHEM KRANTHI KUMAR	14121A1570	IV B.Tech I Semester
54.	POTTURU VISHNU PRIYA	14121A1572	IV B.Tech I Semester
55.	R LOKESH	14121A1574	IV B.Tech I Semester
56.	R MYTHRAVARUNI	14121A1575	IV B.Tech I Semester
57.	R VINODH KUMAR	14121A1576	IV B.Tech I Semester
58.	RAJALINGAM JASWANTH	14121A1577	IV B.Tech I Semester
59.	SHAIK MOHAMMED JAHEER	14121A1584	IV B.Tech I Semester
60.	SHAIK MUZAMMIL	14121A1585	IV B.Tech I Semester

Ponanendg

HOD,CSSE

1.	Name of Teaching Staff*	Dr. SASIKUMAR GURUMOORTHY	
2.	Designation	Professor & Head	
3.	Department	Computer Science and Systems Engineering	
4.	Date of Joining the Institution	09-05-2016	

5.	Qualifications with Class/Grade		UG	PG	Ph.D
		Degree	B.E (CSE)	M.E (CSE)	Ph.D.,
		University	MKU	AU	VITU
		Class/Grade	I Class	I Class	Commended work

6.	Total Experience in Years	Teaching	Industry	Research
		13.2 Years	3.6 Years	10 Years

7.	Papers Published	National	International
		3	28

8.	Papers Presented in Conferences	National	International
		15	18

9.	FDPs Attended	27	
10.	FDPs Organized	3	
11.	Ph.D Guide? Give field & University	Field :-CSE	University:-KL University, Pacific University
12.	Ph.Ds/Projects Guided	PhDs :-02 / 48	Projects at Masters Level:-13
13.	Books Published/IPRs/Patents	6 / 2	
14.	Professional Memberships	IEEE – Senior Member (94539342), ACM, CSI, ISTE, CRSI	
15.	R&D Projects and Consultancy Activities	-	
16.	Awards	21	
17.	Grants fetched	02–DST-CSRI / MODROBS - AICTE	
18.	Interaction with Professional and other Institutions	Keynote Speaker, Resource Person, Expert Panel Member	

1.	Name of Teaching Staff*	Ms.T.Kavitha			
2.	Designation	Assistant Professor			
3.	Department	Computer Science and Systems Engineering			
4.	Date of Joining the Institution	27-07-2006			
5.	Qualifications with Class/Grade		**UG**	**PG**	**Ph.D**
		Degree	B.Tech(CSE)	M.Tecch (CSE)	Ph.D.,
		University	JNTUH, Hyderabad	Acharya Nagarjuna University	VIT University
		Class/Grade	I Class	I Class	Pursuing
6.	Total Experience in Years	**Teaching**		**Industry**	**Research**
		12 Years		-	-
7.	Papers Published	**National**		**International**	
		2		10	
8.	Papers Presented in Conferences	**National**		**International**	
		1		5	
9.	FDPs Attended	15			
10.	FDPs Organized	02			
11.	Ph.D Guide? Give field & University	Field : - -		University : -	
12.	Ph.Ds/Projects Guided	PhDs : - -		Projects at Masters Level : -	
13.	Books Published/IPRs/Patents	Nil			
14.	Professional Memberships	CSI, ISTE,			
15.	R&D Projects and Consultancy Activities	Nil			
16.	Awards	-			
17.	Grants fetched	-			
18.	Interaction with Professional and other Institutions	Resource Person, Internal Members in Board of Studies.			

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, A. Rangampet – 517 102

DEPARTMENT OF COMPUTER SCIENCE & SYSTEMS ENGINEERING

Add-on Course on "Building AR and VR apps in Unity**"**

The Department of CSSE organized Add-on Course on "**Building AR and VR apps in Unity**", by Dr.G.Sasi Kumar ,Professor,CSSE and Ms.T.Kavitha ,Assistant Professor ,CSSE for students of IV B.Tech I semester from 10-27, August 2017.

This add-on course mainly focused on VR, AR, and MR Foundations, Mobile VR App Development with Unity, VR UX with the Unity API, Designing the UX in AR - Raycast, Light Estimation, Physics and Occlusion.

Dr. G.Sasi Kumar, Professor, Department of CSSE having more than 12 years of teaching experience. He published 100 papers in the areas of Image Processing, VR Agumented reality, Wireless Sensor Networks, Ad hoc Wireless Networks and Network Security.

Dr.G.Sasi Kumar gave a detailed presentation on an introduction to XR using a broadly chronological approach, focusing on how all of the underlying technologies came together at key moments in the history of XR to launch the concepts of Virtual Reality and Augmented Reality into the mainstream consciousness.

Dr.G.Sasi Kumar discussed about Virtual Reality Virtual which is a simulated experience that can be similar to or completely different from the real world. He

presented applications of virtual reality include entertainment (e.g. video games), education (e.g. medical or military training) and business (e.g. virtual meetings).

Ms. T Kavitha, Assistant Professor, Department of CSSE, having more than 8 years of teaching experience. She published various papers in the areas of Cryptography and Security. Her session includes discussion on AR App Development with Unity, Architecting AR Space - Pose Tracking and Environment Detections.

Ms.T.Kavitha gave some insights on AR App Development with Unity engine and she stated that the engine can be used to create three-dimensional, two-dimensional, virtual reality, and augmented reality games, as well as simulations and other experiences.

Ms.T.Kavitha is also briefed about carrer opportunities of AR and VR Jobs in the industry, the VR, AR, and MR workers are transforming the world across all industries With the ever growing hardware adoption — VR headsets like Oculus Rift, Oculus Quest and HTC are having record sales in 2020, the real world is in need of virtual reality developers, or some other XR-related professionals.

After Successful completion of this Add on course students will be able to:
- Explored the concepts of AR,VR and XR Technologies.
- Gained knowledge on AR App Development with Unity engine
- Learnt the job opportunities in Virtual reality software industry.
- Apply various VR App Development techniques for designing the UX in AR – Raycast.

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Sree Sainath Nagar, Tirupati – 517102

CERTIFICATE OF PARTICIPATION

This is to certify that **K KRISHNAVENI** of Sree Vidyanikethan Engineering College has participated in the **"Ad-on course On Building AR and VR Apps in Unity"** from **10/08/2017 to 27/08/2017** organized by the Department of CSSE, **Sree Vidyanikethan Engineering College, Tirupati.**

HEAD OF THE DEPARTMENT
(Dr. B. Narendra Kumar Rao)

PRINCIPAL
(Dr. P. C. Krishnamachary)

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

SREE SAINATH NAGAR, A. RANGAMPET-517 102
Department of Computer Science and Systems Engineering

Workshop

On

Predictive modeling and Machine learning with MATLAB(Hands-on)
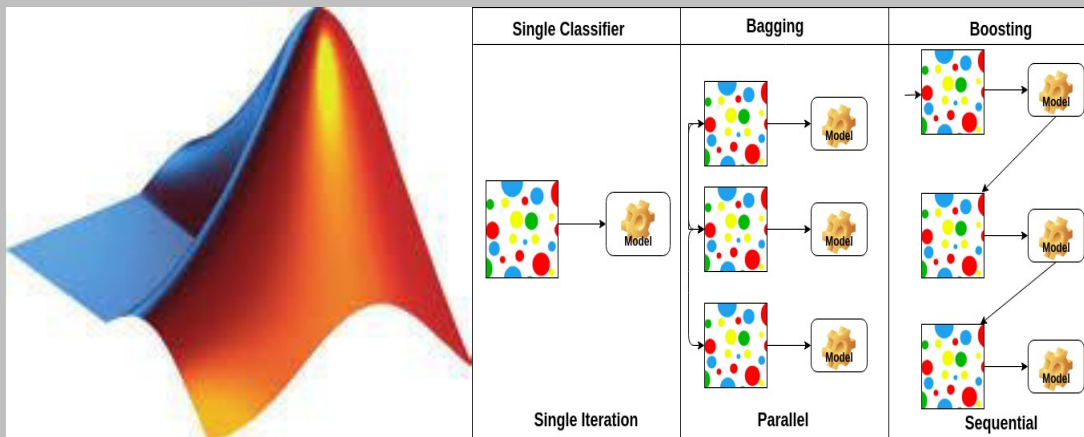
Date: 1/03/2018 to 16/03/2018

Time: 2.30 PM to 4.30 PM

Resource person

➢ **Dr.B.Narendra Kumar Rao, Professor, CSSE**
➢ **Ms.P.Dhanalakshmi, Assistant Professor, CSSE**

VENUE: CSSE Lab (RNo.510)

CONTENTS

➢ Practical Data Science with MATLAB
➢ Introduction to Supervised Machine Learning
➢ Introduction to Regression
➢ Using the Regression Learner App
➢ Customizing Model Parameters
➢ Evaluating Regression Models
➢ Evaluate Your Model in MATLAB
➢ Introduction to Classification
➢ Using the Classification Learner App
➢ Evaluating Classification Models
➢ Evaluating Classification Models in MATLAB
➢ Training a Multiclass Model
➢ Addressing Underfitting and Overfitting
➢ Using Validation Data During Training
➢ Embedded Methods for Feature Selection
➢ Using Regularization to Prevent Overfitting
➢ Introduction to Ensemble Models
➢ Training Ensemble Models
➢ Introduction to Hyperparameters
➢ Optimizing Hyper parameters

Target Group:

IV year II semester CSSE Students

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet – 517 102

DEPARTMENT OF COMPUTER SCIENCE & SYSTEMS ENGINEERING

For Academic year: 2017-2018

Workshop on Predictive modeling and machine learning with MATLAB (Hands on) (17WPM)

Course Description:

In this course, student will build on the skills learned in Exploratory Data Analysis with MATLAB and Data Processing and Feature Engineering with MATLAB. To increase Student ability to harness the power of MATLAB to analyze data relevant to the work student do. These skills are valuable for those who have domain knowledge and some exposure to computational tools, but no programming background. To be successful in this course, students should have some background in basic statistics (histograms, averages, standard deviation, curve fitting, interpolation) and have completed courses 1 through 2 of this specialization. By the end of this course, student will use MATLAB to identify the best machine learning model for obtaining answers from the given data. students will prepare their own data, train a predictive model, evaluate and improve the new model, and understand how to get the most out of developed models.

Course Content:

- Practical Data Science with MATLAB
- Introduction to Supervised Machine Learning
- Introduction to Regression
- Using the Regression Learner App
- Customizing Model Parameters
- Evaluating Regression Models
- Evaluate Your Model in MATLAB
- Introduction to Classification
- Using the Classification Learner App
- Evaluating Classification Models

- Evaluating Classification Models in MATLAB

- Training a Multiclass Model

- Addressing Underfitting and Overfitting

- Using Validation Data During Training

- Embedded Methods for Feature Selection

- Using Regularization to Prevent Overfitting

- Introduction to Ensemble Models

- Training Ensemble Models

- Introduction to Hyperparameters

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(AUTONOMOUS)

Sree Sainath Nagar, A. Rangampet – 517 102

DEPARTMENT OF COMPUTER SCIENCE & SYSTEMS ENGINEERING

Workshop

On

Predictive Modeling and Machine Learning

1-03-2018 to 16-03-2018

Programme Schedule

Date & Time	Topic	Name of the Resource Person
Registration [2.00 to 2.15 PM] **VENUE: CSSE LAB (Room No. 510)**		
Inaugural [2.15 to 2.30 PM] **VENUE: Seminar Hall (Room No. 520)**		
1-03-2018 2.30 to 4.30 PM	Introduction to Supervised Machine Learning	Dr.B.Narendra Kumar Rao, Professor, CSSE
2-03-2018 2.30 to 4.30 PM	Introduction to Regression	Dr.B.Narendra Kumar Rao, Professor, CSSE
3-03-2018 2.30 to 4.30 PM	Using the Regression Learner App Customizing Model Parameters	Dr.B.Narendra Kumar Rao, Professor, CSSE
5-03-2018 2.30 to 4.30 PM	Evaluating Regression Models	Dr.B.Narendra Kumar Rao, Professor, CSSE
6-03-2018 2.30 to 4.30 PM	Evaluate Your Model in MATLAB	Dr.B.Narendra Kumar Rao, Professor, CSSE
7-03-2018 2.30 to 4.30 PM	Introduction to Classification Using the Classification Learner App	Dr.B.Narendra Kumar Rao, Professor, CSSE
8-03-2018 2.30 to 4.30 PM	Evaluating Classification Models Evaluating Classification Models in MATLAB	Dr.B.Narendra Kumar Rao, Professor, CSSE
9-03-2018 2.30 to 4.30 PM	Training a Multiclass Model	
10-03-2018 2.30 to 4.30 PM	Addressing Underfitting and Overfitting Using Validation Data During Training	Dr.B.Narendra Kumar Rao, Professor, CSSE
12-03-2018 2.30 to 4.30 PM	Embedded Methods for Feature Selection	Ms.P.Dhanalakshmi, Assistant Professor, CSSE
13-03-2018 2.30 to 4.30 PM	Using Regularization to Prevent Overfitting	Ms.P.Dhanalakshmi, Assistant Professor, CSSE
14-03-2018 2.30 to 4.30 PM	Introduction to Ensemble Models Training Ensemble Models	Ms.P.Dhanalakshmi, Assistant Professor, CSSE
15-03-2018 2.30 to 4.30 PM	Introduction to Hyperparameters Optimizing Hyper parameters	Ms.P.Dhanalakshmi, Assistant Professor, CSSE
16-03-2018 2.30 to 4.30 PM	Practical Data Science with MATLAB	Ms.P.Dhanalakshmi, Assistant Professor, CSSE
	Closing remarks & Feedback	

Name of the department	Name of the value added course	Course Code	Start and end dates	Name of the resource person and affiliation	Year of offering	No. of students enrolled in the year for the course	No. of students completed the course in the year for the course
CSSE	Workshop on Predictive modeling and machine learning with MATLAB(Hands-on)	17WPM	01-03-2018 to 16-03-2018	Dr.B.Narendra Kumar Rao Ms.P.Dhana Lakshmi (SVEC)	2017-18	50	50

List of students			
Sl. No.	Name of the student	Roll number	Class and Semester
1.	BADVEL SRINIVASA SHASHANK	14121A1507	IV B.Tech II Semester
2.	BALA MURALI KRISHNA P	14121A1508	IV B.Tech II Semester
3.	BANDARU MOURYA REDDY	14121A1509	IV B.Tech II Semester
4.	BHARATH ATMAKURI	14121A1510	IV B.Tech II Semester
5.	BOMMIREDDY MUNI SARIKA	14121A1513	IV B.Tech II Semester
6.	BUDDA SAI CHAITANYA RAHUL	14121A1514	IV B.Tech II Semester
7.	C R MALAVIKA	14121A1515	IV B.Tech II Semester
8.	CHINTHAKANI NISHITHA	14121A1518	IV B.Tech II Semester
9.	DANDU RAMAIAHGARI SURENDRA	14121A1520	IV B.Tech II Semester
10.	DINDUKURTHI SRI NAVYA	14121A1521	IV B.Tech II Semester
11.	EATUKURI PREETHI	14121A1523	IV B.Tech II Semester
12.	G BINDU	14121A1524	IV B.Tech II Semester
13.	G YOGITHA SATYASRI	14121A1525	IV B.Tech II Semester
14.	GALETI FARAH HUSSAIN	14121A1526	IV B.Tech II Semester
15.	GAVIREDDY PAARTHEESH	14121A1527	IV B.Tech II Semester
16.	GUDDEPPAGARI SHATISH KUMAR REDDY	14121A1528	IV B.Tech II Semester
17.	GUDURU PRANEETH	14121A1529	IV B.Tech II Semester
18.	GUNDA KARTHIK	14121A1530	IV B.Tech II Semester
19.	GUNDA PRANAVI	14121A1531	IV B.Tech II Semester
20.	GUNTIPALLI VAMSI	14121A1532	IV B.Tech II Semester
21.	GURRAM KIRANKUMAR REDDY	14121A1533	IV B.Tech II Semester
22.	INDLURU MADHURI	14121A1534	IV B.Tech II Semester
23.	JABBALA SRAVAN	14121A1535	IV B.Tech II Semester

24.	JAMMULADINNE HEMASRI	14121A1536	IV B.Tech II Semester
25.	JOGI DEEPTHI	14121A1537	IV B.Tech II Semester
26.	K KRISHNAVENI	14121A1538	IV B.Tech II Semester
27.	K NEHA	14121A1539	IV B.Tech II Semester
28.	K SAI DEEPTHI PRIYA	14121A1540	IV B.Tech II Semester
29.	K SINDHU	14121A1541	IV B.Tech II Semester
30.	K SRIKANTH	14121A1542	IV B.Tech II Semester
31.	KALLURI ANUSHA	14121A1543	IV B.Tech II Semester
32.	KATAMREDDY ANUPAMA	14121A1545	IV B.Tech II Semester
33.	KATARI PRAVEEN	14121A1546	IV B.Tech II Semester
34.	KATRAGADDA DEVARSHA	14121A1547	IV B.Tech II Semester
35.	KONGARA BHAVANA	14121A1549	IV B.Tech II Semester
36.	KONJETI PAVAN LAKSHMI TEJASWINI	14121A1550	IV B.Tech II Semester
37.	KOTTE MANIKANTA	14121A1551	IV B.Tech II Semester
38.	MADINENI PUJITHA	14121A1558	IV B.Tech II Semester
39.	MADIRAJU ANUSHA	14121A1559	IV B.Tech II Semester
40.	MAJJARI TEJASWI	14121A1560	IV B.Tech II Semester
41.	MARA SUMATHI	14121A1561	IV B.Tech II Semester
42.	MEKA ADITYA VITTAL	14121A1562	IV B.Tech II Semester
43.	MUPPINI LOHITHA	14121A1564	IV B.Tech II Semester
44.	NARNE SRI SWAPNA	14121A1565	IV B.Tech II Semester
45.	P PRAVEENA	14121A1568	IV B.Tech II Semester
46.	PANDLURU VENKATESH	14121A1569	IV B.Tech II Semester
47.	PATHEM KRANTHI KUMAR	14121A1570	IV B.Tech II Semester
48.	R LOKESH	14121A1574	IV B.Tech II Semester
49.	R MYTHRAVARUNI	14121A1575	IV B.Tech II Semester
50.	R VINODH KUMAR	14121A1576	IV B.Tech II Semester

Ponanendz

HOD,CSSE
HEAD
Department of C S S E
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, A. RANGAMPET
CHITTOOR (Dt.) - 517 102, A.P.

1.	Name of Teaching Staff*	Dr. BANGOLE NARENDRA KUMAR RAO			
2.	Designation	Professor & Chairman Board of Studies			
3.	Department	Computer Science and Systems Engineering			
4.	Date of Joining the Institution	02-11-2009			
5.	Qualifications with Class/Grade		UG	PG	Ph.D
		Degree	B.E (CSE)	M.E (CSE)	Ph.D.,
		University	University of Madras	JNTU, Ananthapuramu	JNTUH, Hyderabad
		Class/Grade	I Class	I Class	--
6.	Total Experience in Years	Teaching		Industry	Research
		13 Years		4.0	09
7.	Papers Published	National		International	
		0		11	
8.	Papers Presented in Conferences	National		International	
		7		8	
9.	FDPs Attended	15			
10.	FDPs Organized	06			
11.	Ph.D Guide? Give field & University	Field : - CSE		University : - Pacific University	
12.	Ph.Ds/Projects Guided	PhDs : - 03		Projects at Masters Level : - 08	
13.	Books Published/IPRs/Patents	01			
14.	Professional Memberships	ACM, CSI, ISTE,			
15.	R&D Projects and Consultancy Activities	Nil			
16.	Awards	01			
17.	Grants fetched	01 - DST-SERB			
18.	Interaction with Professional and other Institutions	Keynote Speaker, Resource Person, External Members in Board of Studies, Expert Panel Member.			

Bio-Data

1.	Name of Teaching Staff*	**Dr. P.DHANA LAKSHMI**			
2.	Designation	Associate Professor			
3.	Department	Computer Science and Systems Engineering			
4.	Date of Joining the Institution	01-05-2007			

5.	Qualifications with Class/Grade		**UG**	**PG**	**Ph.D**
		Degree	B.TECH (CSSE)	M.TECH (CSE)	Ph.D, (CSE)
		University	JNTU Hyderabad	JNTU Anantapur	JNTU Anantapur
		Class/Grade	I Class	I Class with Distinction	Commended work.

6.	Total Experience in Years	**Teaching**	**Industry**	**Research**
		12 Years	-	5

7.	Papers Published	**National**	**International**
		0	15

8.	Papers Presented in Conferences	**National**	**International**
		Nil	7

9.	FDPs Attended	12
10.	FDPs Organized	-

11.	Ph.D Guide? Give field & University	**Field :**-- -	**University :**--
12.	Ph.Ds/Projects Guided	**PhDs :**--**Nil**	**Projects at Masters Level :**--Nil

13.	Books Published/IPRs/Patents	Nil
14.	Professional Memberships	ISTE ,IAENG
15.	R&D Projects and Consultancy Activities	**Principal Investigator** for "Development of Mathematical model for the prediction of customer behaviour in online databases" funded by UGC for 2 years Rs 1.95 lakhs [Ongoing]
16.	Awards	Nil
17.	Grants fetched	Nil
18.	Interaction with Professional and other Institutions	Resource Person.

SREE VIDYANIKETHAN ENGINEERING COLLEGE
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Sree Sainath Nagar, A. Rangampet – 517 102

DEPARTMENT OF COMPUTER SCIENCE & SYSTEMS ENGINEERING

Workshop on Predictive Modeling and Machine Learning

The Department of CSSE organized Workshop on "**Predictive Modeling and Machine Learning**", by Dr.B.Narendra Kumar Rao, Professor and Ms.P.Dhanalakshmi, Assistant Professor, CSSE, for students of IV B.Tech II semester from **1st March 2018 to 18th March 2018 .**

This workshop mainly focused on Fundamentals of Supervised Machine Learning, Regression, Classification, Training Multiclass Model, Feature Selection, Ensemble Models, Customizing Model Parameters, and Practical Data Science with MATLAB.

Dr.B.Narendra Kumar Rao, Professor, CSSE having 15 years of experience in Teaching, Research and Industry. He has published more than 20 research papers in the area of Machine Learning and in Software Testing

Dr.B.Narendra Kumar Rao gave a detailed presentation on an Introduction to Supervised Machine Learning, focusing on how the machine learning and data science algorithms were practically applied using MATLAB.

Dr. B.NarendraKumar Rao discussed about Regression predictive algorithm with real world problems. He presented different types of regressions like linear and logistic and estimated relationships among variables to find key patterns in large and diverse data sets. He also discussed the various applications of predictive algorithms include Retails (to better understand consumer behaviorstock items based on seasonality and consumer trends), banking and financial services (to detect and reduce fraud, measure market risk).

Ms.P.Dhanalakshmi, Assistant Professor, CSSE having 12 years of experience in teaching. She has published many research papers in the area of Data Mining and Machine Learning.

She gave a detailed presentation on an Introduction to classification problems in machine learning. She discussed the various classification predictive modellings include binary, multi class, multi label problems with real world examples.

She gave some insights on how to develop simple classification models, training and evaluation of models using MATLAB. She addressed various embedded methods for feature selection and optimization techniques in the classification model to obtain the better results.

She presented various applications of classification problems like Face classification, and Plant species classification using MATLAB.

After Successful completion of this workshop

- Students explored the concepts of Machine Learning and Predictive Modeling.
- Students gained Knowledge on developing classification App
- Students are introduced to the job opportunities in Data science and Machine Learning.

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)
Sree Sainath Nagar, Tirupati – 517102

WORKSHOP
ON
PREDICTIVE MODELING AND MACHINE LEARNING WITH MATLAB

CERTIFICATE

This is to certify that **K. SRIKANTH** of Sree Vidyanikethan Engineering College has participated in the Workshop on **"Predictive modeling and Machine learning with MATLAB"** from **1/03/2018 to 16/03/2018** Organized by the Department of CSSE, **Sree Vidyanikethan Engineering College, Tirupati.**

HEAD OF THE DEPARTMENT
(Dr. B. Narendra Kumar Rao)

PRINCIPAL
(Dr. P. C. Krishnamachary)

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)

Sree Sainath Nagar, Tirupati – 517 102

Department of Master of Computer Applications (MCA)

Skill Development Program
on
Machine Learning and Artificial Intelligence Techniques

Resource Persons

Dr. K. Suneetha
HOD, Dept. of MCA

Dr. M. Lavanya
BOS Chair Person, Dept. of MCA

04-09-2017 to 23-09-2017
2.30PM to 4.30PM

Venue: MCA Computer Lab

Target Group: MCA III & V Semester Students

Contents

- *Learning Problems*
- *Forms of Representation*
- *Decision Trees*
- *Bayes (ian) Belief Networks*
- *Artificial Neural networks*
- *Genetic Algorithms*
- *Logic Programming*
- *Inductive Learning*
- *Decision Tree Learning Algorithms*
- *Instance Based Learning*
- *Machine Learning Using Jupyter*
- *Applications of Machine Learning*
- *Machine Learning in Medical Field*
- *AI Algorithms in Health Care*
- *Data Analysis in Social Network*

Chief Patrons		Patron
Dr. M. Mohan Babu	Sri. Vishnu Manchu	Dr. P. C. Krishnamachary
Chairman, SVET	CEO, SVET	Principal, SVEC

For Academic year: 2017-2018

Skill Development Programme on Machine Learning and Artificial Intelligence Techniques (17SDP)

Course Description:

This course will cover the practical aspects of machine learning and Artificial Intelligence using Hadoop framework. The goal of this course is to introduce the students to the basics of Learning problems, Representations, Machine learning algorithms and Theories. We will introduce the students to Bayes (ian) Belief Networks, Artificial Neural Networks, Genetic algorithms, Logic Programming, Inductive Learning based on Symbolic Representations and Weak Theories, Generalization as Search, Learning enabled by Prior Theories, Machine Learning based Artificial Neural Networks covered include the analytics and draw insights from data. We will also cover Applications of Machine Learning in Medical Field, AI Algorithms in Health Care, data Analytics in Social Network Platform.

Course Content:

- Characterization of Learning Problems
- Forms of representation
- Decision Trees
- Bayes (ian) Belief Networks
- Artificial Neural Networks
- Genetic algorithms
- Logic Programming
- Inductive Learning based on Symbolic Representations and Weak Theories
- Generalization as Search
- Learning enabled by Prior Theories
- Machine Learning based Artificial Neural Networks
- Decision Tree Learning Algorithms
- Instance Based Learning
- Machine Learning using Jupyter
- Real Time Applications of Machine Learning
- Applications of Machine Learning in Medical Field
- AI Algorithms in Health Care
- Data Analytics in Social Network Platform
- GPU's for Machine Learning and Deep Learning
- Real Time Implementations of Natural Language Processing Algorithms

Schedule of Programme Name: Skill Development programme on Machine Learning and Artificial Intelligence Techniques(17SDP)

Date	Time	Topic Covered	Name of the Resource Person	Venue
04-09-2017	2.30 PM to 3.30 PM	Characterization of learning problems	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Forms of representations	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
05-09-2017	2.30 PM to 3.30 PM	Construction and representation of decision trees	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	Computer Lab
	3.30 PM to 4.30 PM	Implementation of decision trees using python	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
06-09-2017	2.30 PM to 3.30 PM	Bayesian belief network explanation	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Computer Lab
	3.30 PM to 4.30 PM	Implementation of Bayesian belief network using python	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	
07-09-2017	2.30 PM to 3.30 PM	Basic structure of Artificial Neural Network(ANN)	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Types of ANN and Applications of ANN	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	
08-09-2017	2.30 PM to 3.30 PM	Genetic algorithm Basic terminology, Structure, Advantages and limitations.	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Genetic algorithm implementation steps	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
09-09-2017	2.30 PM to 3.30 PM	Logic programming concepts	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Variations and extensions of logic programming	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	
11-09-2017	2.30 PM to 3.30 PM	Inductive learning based on symbolic representation	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Inductive learning based on weak theories	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	
12-09-2017	2.30 PM to 3.30 PM	Generalization as search	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	Seminar Hall

Date	Time	Topic	Speaker	Venue
	3.30 PM to 4.30 PM	Searching algorithms	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
13-09-2017	2.30 PM to 3.30 PM	Learning enabled by prior theories	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Machine learning enabled by prior theories	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
14-09-2017	2.30 PM to 3.30 PM	Machine learning based Artificial Neural Network	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Machine learning based ANN algorithms	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	
15-09-2017	2.30 PM to 3.30 PM	Decision tree learning algorithms	Dr.M.Lavanya BOS Chairperson, Dept of MCA	Seminar Hall
	3.30 PM to 4.30 PM	Types of decision trees	Dr.M.Lavanya BOS Chairperson, Dept of MCA	
16-09-2017	2.30 PM to 3.30 PM	Categorical variable decision trees	Dr.M.Lavanya BOS Chairperson, Dept of MCA	Seminar Hall
	3.30 PM to 4.30 PM	Continuous viable decision trees	Dr.M.Lavanya BOS Chairperson, Dept of MCA	
18-09-2017	2.30 PM to 3.30 PM	Instance based learning	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Computer Lab
	3.30 PM to 4.30 PM	Hands on session- Instance based learning	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	
19-09-2017	2.30 PM to 3.30 PM	Machine learning using Jupytor	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	Computer Lab
	3.30 PM to 4.30 PM	Decision tree algorithm implementation using Jupytor	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
20-09-2017	2.30 PM to 3.30 PM	Real time application of machine learning using speech recognition	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Seminar Hall
	3.30 PM to 4.30 PM	Real time application of predictive analysis.	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
21-09-2017	2.30 PM to 3.30 PM	Applications of machine learning in medical field	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Computer Lab
	3.30 PM to 4.30 PM	AI algorithms in Health care- Support vector machine, CNN	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
22-09-2017	2.30 PM to	Data Analytics in social	Dr.K.Sunnetha	Computer

	3.30 PM	network platform	HOD of MCA, Dept of MCA.	Lab
	3.30 PM to 4.30 PM	GPU's for machine learning and deep learning	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	
23-09-2017	2.30 PM to 3.30 PM	Real time implantation of Natural Language processing(NLP) algorithms-Support vector machines	Dr.K.Sunnetha HOD of MCA, Dept of MCA.	Computer Lab
	3.30 PM to 4.30 PM	Real time implementation of NLP-Bayesian networks	Dr.M.Lavanya BOS Chairperson, Dept of MCA.	

Name of the department	Name of the value added course	Course Code	Start and end dates	Name of the resource person and affiliation	Year of offering	No. of students enrolled in the year for the course	No. of students completed the course in the year for the course
MCA	Skill Development Programme on "Machine Learning and Artificial Intelligence Techniques"	17SDP	04.09.2017 to 23.09.2017	Dr. K. Suneetha, Dr. M. Lavanya	2017	49	49

List of Students participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	AKULA DANANJAYA	15121F0001	III Year I Semester
2.	ANNAM VENKATA SIVA SAI AKHIL	15121F0002	III Year I Semester
3.	BOGGALA RAMA MOHANA	15121F0005	III Year I Semester
4.	CHANDRAGIRI SWATHI	15121F0006	III Year I Semester
5.	CHINNAOBULU SHIREESHA VANI	15121F0008	III Year I Semester
6.	DUDDE VINAY KUMAR	15121F0009	III Year I Semester
7.	E KARTHEEK	15121F0010	III Year I Semester
8.	E MANOGNA	15121F0011	III Year I Semester
9.	EKAMBRAM LOKESH	15121F0012	III Year I Semester
10.	K GAYATHRI	15121F0015	III Year I Semester
11.	P VIVEKA VARDHAN	15121F0027	III Year I Semester
12.	SHAIK SHAIKSHAVALI	15121F0038	III Year I Semester

13.	SREEYAPUREDDY SIVANANDA REDDY	15121F0039	III Year I Semester
14.	SUNKARA RAMAKRISHNA REDDY	15121F0040	III Year I Semester
15.	THELLAMEKALA ARJUN	15121F0041	III Year I Semester
16.	VANKARA MOUNIKA	15121F0042	III Year I Semester
17.	A BABA	16121F0001	II Year I Semester
18.	AVULA SHIVA KUMAR	16121F0002	II Year I Semester
19.	B C LAKSHMI	16121F0003	II Year I Semester
20.	B NAGAPRAVALLIKA	16121F0004	II Year I Semester
21.	CHALLA PUNEETH PRAKASH	16121F0010	II Year I Semester
22.	DARSI SYAM PRASAD	16121F0011	II Year I Semester
23.	EEGA VAMSEE KRISHNA	16121F0012	II Year I Semester
24.	ELUKA MAHENDHRA	16121F0013	II Year I Semester
25.	GADDAM CHINNA GANGAIAH YADAV	16121F0014	II Year I Semester
26.	GAJJALA NIKITHA	16121F0015	II Year I Semester
27.	GAJULA SIVA PRIYA	16121F0016	II Year I Semester
28.	GONCHIKARA KARI BASAVA	16121F0018	II Year I Semester
29.	GOWDADIMMANAPALLI MAMATHA	16121F0019	II Year I Semester
30.	KONDANNAGARI MAHAMMAD RAFI	16121F0023	II Year I Semester
31.	KOVI HIMABINDU	16121F0025	II Year I Semester
32.	LAKSHMANNAGARI HARISH	16121F0026	II Year I Semester
33.	LEKKALA SREEKAVITHA	16121F0027	II Year I Semester
34.	M THULASI KUMAR	16121F0028	II Year I Semester
35.	MADDIRALA KIRAN KUMAR REDDY	16121F0029	II Year I Semester
36.	MUDDISETTI MANASA	16121F0030	II Year I Semester
37.	MULLANGI DAMODARA	16121F0031	II Year I Semester
38.	NEELAVENI PRUDHVI	16121F0033	II Year I Semester

39.	P NAVEENKUMAR REDDY	16121F0034	II Year I Semester
40.	PADUBANDLA SRIKANTH	16121F0035	II Year I Semester
41.	PALLENNAGARI MUNI REDDY	16121F0036	II Year I Semester
42.	PEDDINENIKALVA VENKATARAMANA	16121F0037	II Year I Semester
43.	PUNAGANI GOWTHAMI	16121F0038	II Year I Semester
44.	R GIRISH	16121F0039	II Year I Semester
45.	YARRAJODDU SANDHYA	16121F0047	II Year I Semester
46.	NALLAMALLI VENKATA SUDESH	16121F0048	II Year I Semester
47.	THIPPALURU SUBRAMANYAM REDDY	16121F0049	II Year I Semester
48.	BASIREDDI GARI VENKATRAMI REDDY	16121F0050	II Year I Semester
49.	BHIMA PRAVEEEN	16121F0051	II Year I Semester

HOD-MCA

Name of the Faculty:	Dr. K. Suneetha
Designation:	Head of Department
Area of specialization:	Data Warehousing and Data Mining, Machine Learning, Data Analytics
Teaching experience:	20
Academic Qualifications:	MCA, Ph.D
Ph. D	

o

Awarded/Pursuing	Awarded
Name of the University	Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati
Year of Registration	2009
Year of completion	2014
Specialization	Web Mining
Title of Thesis	Web Page Recommendation Approach Using Weighted Sequential Pattern and Markov Model
Research contributions	
International/National Journals	Scopus Indexed : 5 International Journals : 09
International/National Conferences	International Conference : 10 National Conference : 12
Sanctioned	Received Rs. 9,62,764 towards AICTE Modernization and Removal of Obsolescence- Rural for " Artificial Intelligence and Machine Learning in Cloud Laboratory (AIMLC)" for the Academic Year 2019-20 on 12-02-2020. As a Principal Investigator received and completed University Grants Commission Minor Research Project entitled "Ez - News: An Application To Provide News Articles As Per Individual Preferences", on Jan' 2015 for 2 years.
Research Supervisor/Reviewer/ Session Chair etc.,	Acted as a session chair for International Conference on cognitive science and Artificial Intelligence organized by SVEC during 5-7 July 2017.
Membership	Member of International Association of Engineers (IAENG) [Member No. 123683]. Member of International Association of Computer Science and Information Technology (IACSIT) [Member No. 80345050]. Life Member of Indian Society for Technical Education (ISTE) [Member No. LM 85010]. Member of The Indian Science Congress Association (ISCA) [Member No. A4671].
Domain-id	suneetha.k@vidyanikethan.edu

Name of the Faculty:	Dr. M. Lavanya	
Designation:	BOS Chairperson	
Area of specialization:	Computer Applications	
Teaching experience:	15 years	
Academic Qualifications:	MCA, Ph.D	
Ph. D		
Awarded/Pursuing	Awarded	
Name of the University	Sri Padmavati Mahila Visva Vidyalayam (Women's University)	
Year of Registration	2008	
Year of completion	2015	
Specialization	Data Warehousing and Data Mining	
Title of Thesis	Vision Based Deep Web data Extraction for Web Document Clustering	
Research contributions		
International/National Journals	International Journals :11 National Journals :06	
International/National Conferences	International Conferences :08 National Conferences :10	
Research projects		
Submitted	01	
Sanctioned	-Nil-	
Ongoing	-Nil-	
Research Supervisor/Reviewer/ Session Chair etc.,	12	
Certification Programs	10	
Membership	05	
Domain-id	lavanya.m@vidyanikethan.edu	

Department: MCA | Date: 25ᵗʰ Sep 2017

Skill Development Program

on

"Machine Learning and Artificial Intelligence Techniques"

Skill Development Program (SDP) was organized by the Department of Master of Computer Applications, SVEC, A. Rangampeta. Skill development program organized for 20 days i.e., September 4ᵗʰ to 23ʳᵈ, 2017. More than 40 students are actively participated and gained useful information from all the sessions.

The primary objective of the Skill Development Program was to provide participants a concise introduction to the fundamental concepts in machine learning including mathematical foundations, programming tools and packages and popular machine learning algorithms. It imparted knowledge in Machine Learning principles through a lot of practical applications covering industrial case walk-throughs and real-time applications. The students were trained in the working principles of Artificial Intelligence and Machine Learning. The hands- on sessions were arranged for the students so that they can create projects and products using various AI & ML Algorithms.

The Resource Person **Dr. K. Suneetha,** Assistant Professor (SL) & HoD, Department of MCA, SVEC, discussed the Machine Learning approaches: Supervised, Unsupervised, Reinforcement learning and practical exposure on machine learning approach using weka tool for real time datasets. She also focuses on Genetic Algorithm, Decision Tree learning algorithm and machine learning in the medical application filed.
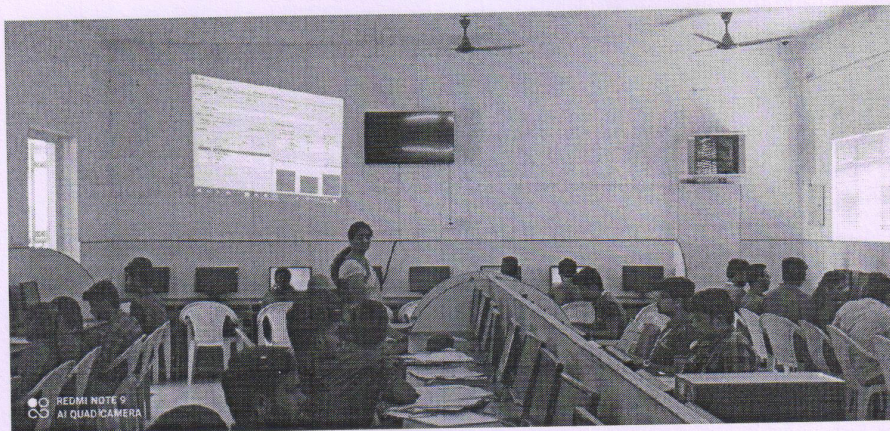
Resource person Dr. K. Suneetha delivering the Machine Learning concepts

Another resource person **Dr. M. Lavanya,** Assistant Professor(SL), Department of MCA, SVEC, deliveredthe applications of machine learning, AI algorithms in Health care and data analysis in social network.
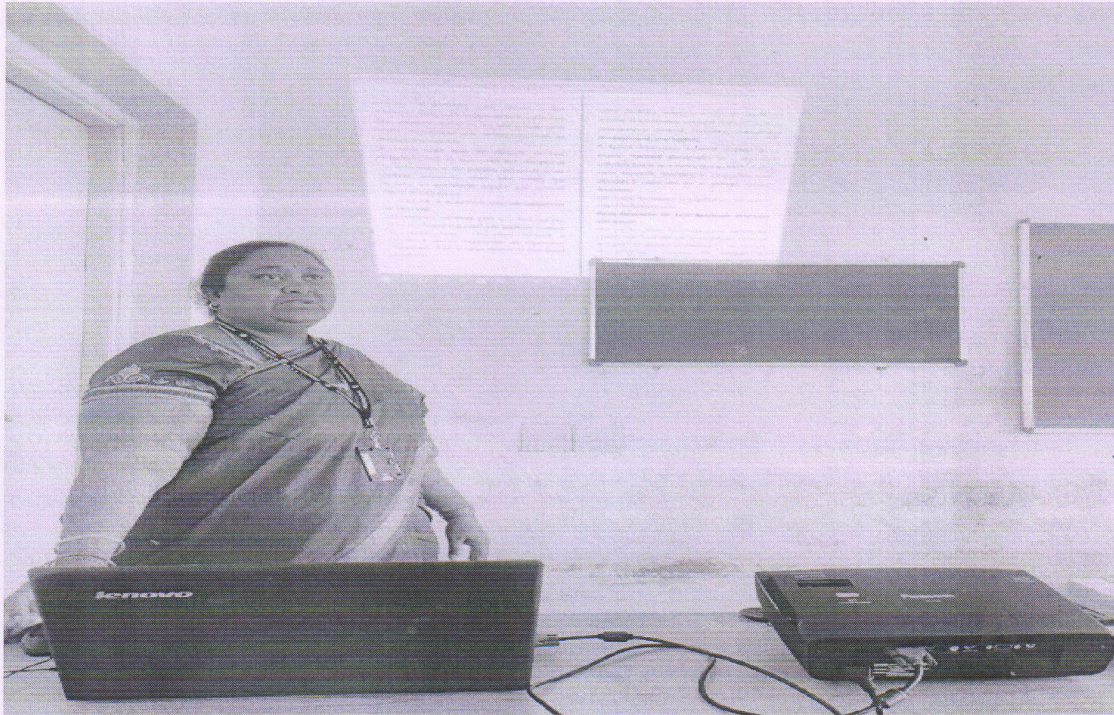
Resource person Dr. M. Lavanya delivering session on AI algorithms on Health care
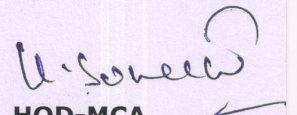
Students practice on Machine learning and AI techniques

After successful completion of this Skill Development Program, student will be able to:

- Gain knowledge on the capabilities, strengths and limitations of various artificial intelligence and machine learning techniques.
- Implement various AI and machine learning algorithms for a healthcare application.
- Learnt different learning models and algorithms.
- Apply selected AI and machine learning algorithms to solve real world problems.
- Understand complex ideas and relate them to specific situations, the ability to evaluate available learning methods and select those appropriate to solve a given task.

Finally, valedictory is organized for the participants followed by distribution of certificates.

HOD-MCA
HEAD
DEPARTMENT OF M.C.A.
SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
TIRUPATI-517 102, Chittoor (Dt.,), A.P.
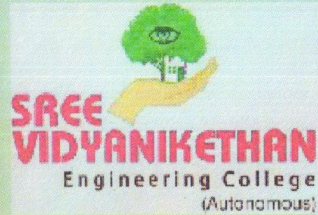
SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, Tirupati - 517102

Skill Development Programme
on

Machine Learning and Artificial Intelligence Techniques

CERTIFICATE

This is to certify that **AKULA DANANJAYA** of **Sree Vidyanikethan Engineering College** has successfully attended the Skill Development programme on "Machine Learning and Artificial Intelligence Techniques" from 04-09-2017 to 23-09-2017 organized by Department of MCA, **Sree Vidyanikethan Engineering College,** Tirupati.

HEAD OF THE DEPARTMENT

(Dr. K. Suneetha)

PRINCIPAL

(Dr. P. C. Krishnamachari)

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
SREE SAINATH NAGAR, TIRUPATI – 517 102.

A Boot camp program
on
"Project Based Learning in JAVA"
(06th to 26th June, 2018)

Organized by
Department of Training and Placements (PAT)

About the Program:

Java is widely used across industry, and especially in the area of Enterprise software, which results in many high paying job opportunities and makes this programming language a common language for newbies. This boot camp primarily focuses on learning by doing helps to level up a student and step up in their career to develop JAVA applications like Web apps, Software tools, Test Automation, Android Apps, Games, Scientific Apps and etc. It will hone students' skills by offering comprehensive knowledge of Java language, and the required hands-on experience for solving real-time industry-based problems.

Course Content:

- Java Fundamentals & OOPS Concepts
- Eclipse Overview
- Abstraction, Packages & Exception Handling
- Wrapper Classes, Junit
- I/O Streams
- Coding Standards / Best Practices
- Collection Framework, Multithreading
- RDBMS / SQL / JDBC
- ANT, HTML
- JavaScript, AJAX
- CSS, XML

Target Group: III B. Tech (CSE, IT, CSSE, ECE, EEE & EIE)
For Registration: https://forms.gle/5j4t6CFDtprYEgeYAa
Registration Live: 25th May to 01st June, 2018

Resource Person(s): (Faculty certified by TalentNext, WIPRO)

- Mr. K. Siva Krishna Rao, Associate Professor, Dept. of CSE
- Mr. Chanakya GM, Asst Professor, Dept. of IT
- Mr. DN. Kartheek, Asst. Professor, Dept. of CSSE
- Mr. S. Siva Prakash, Asst. Professor, Dept. of CSSE
- Mr. Y. Kiran Kumar, Asst. Professor, Dept. of MCA

CONVENER
Dr. K. Delhi Babu
Dean, PAT, SVEC

COORDINATOR
Mr. Jagadeesh Kumar G
Dept. of MCA, SVEC

www.vidyanikethan.edu

Program Schedule:

Sl. No.	Date	Topic Covered	No. of Mentor hours	No. of Lab hours
1	06-Jun-18	Java Fundamentals	5	4
2	07-Jun-18	OOPS / Inheritance	4	4
3	07-Jun-18	Eclipse Overview	1	0
4	08-Jun-18	Abstraction /Packages / Exception Handling	4	5
5	09-Jun-18	Collection Framework	10	17
6	12-Jun-18	ASSESSMENT MILESTONE – 1	10:00AM - 5:00PM	
7	13-Jun-18	Coding Standards / Best Practices	2	2
8	13-Jun-18	Wrapper Classes, I/O Streams, Annotation	2	3
9	14-Jun-18	Junit	5	4
10	15-Jun-18	Multithreading I / II	5	4
11	16-Jun-18	RDBMS / SQL / PL/SQL	10	8
12	18-Jun-18	JDBC	4	14
13	20-Jun-18	ASSESSMENT MILESTONE – 2	10:00AM - 5:00PM	
14	21-Jun-18	ANT	2	2
15	21-Jun-18	HTML	2	3
16	22-Jun-18	JavaScript / CSS	4	5
17	23-Jun-18	Servlets and JSP	5	4
18	24-Jun-18	XML-I and XML-II	5	13
19	26-Jun-18	ASSESSMENT MILESTONE - 3	10:00AM - 5:00PM	
		Final Comprehensive TalentNext Assessment		

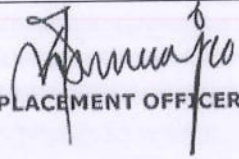| Name of the Department	Name of the value added course	Start and end dates	No. of students enrolled	No. of students completed
Placement and Training	A Bootcamp programme on Project Based Learning (PBL) in JAVA by Inhouse Faculty certified by WIPRO.	06.06.2018 to 26.06.2018	183	183

List of Students Participated

Sl. No.	Roll Number	Name of the Student	Year & Semester
1	15121A0206	ANTHATI SAI DHEERAJ GOUD	III B. Tech - II Semester
2	15121A0248	G.MOULIKA	III B. Tech - II Semester
3	15121A0272	K.HEMAMALINI	III B. Tech - II Semester
4	15121A02A0	MAKAM NAGARAGHAVENDRA	III B. Tech - II Semester
5	15121A02A6	MALLAVARAPU RAKESH REDDY	III B. Tech - II Semester
6	15121A02A7	GOUTHAM MALLELA	III B. Tech - II Semester
7	15121A02G7	S DEEPAK	III B. Tech - II Semester
8	15121A02J2	SHAIK SAMREEN SABIRI	III B. Tech - II Semester
9	15121A02J8	SIRIGIRI DIVYA	III B. Tech - II Semester
10	15121A02L3	THUMACHERLA NARESH	III B. Tech - II Semester
11	15121A02L7	UPPARA PRATHYUSHA	III B. Tech - II Semester
12	15121A02M6	Y BALAJI	III B. Tech - II Semester
13	15121A0401	A. ALEKHYA	III B. Tech - II Semester
14	15121A0402	A.ANJITH KUMAR	III B. Tech - II Semester
15	15121A0405	AASRITHA. P	III B. Tech - II Semester
16	15121A0406	ACHANALA SRIKANNABHIRAM	III B. Tech - II Semester
17	15121A0411	A. SAMANVAYA	III B. Tech - II Semester
18	15121A0414	AVULA RAMYA SREE	III B. Tech - II Semester
19	15121A0415	B.GEETHIKA	III B. Tech - II Semester
20	15121A0416	B.JAHNAVI	III B. Tech - II Semester
21	15121A0417	B LAVANYA	III B. Tech - II Semester
22	15121A0429	B. GOPIKA NANDINI	III B. Tech - II Semester
23	15121A0438	C.PRASUNA	III B. Tech - II Semester
24	15121A0450	CIMBILI MANASA	III B. Tech - II Semester
25	15121A0453	D.HARIKA REDDY	III B. Tech - II Semester
26	15121A0457	E PRIYA	III B. Tech - II Semester
27	15121A0464	G.SAI VAISHNAVI	III B. Tech - II Semester
28	15121A0467	G. SAI RAMYA	III B. Tech - II Semester
29	15121A0468	GANDHODI HARSHAVARDHAN	III B. Tech - II Semester
30	15121A0476	ILLURU VENKATA TRIVENI	III B. Tech - II Semester
31	15121A0478	MANEESHA JADHAV	III B. Tech - II Semester
32	15121A0481	JANGAMREDDY NAVEEN KUMAR REDDY	III B. Tech - II Semester
33	15121A0482	K BHAGYASRI	III B. Tech - II Semester
34	15121A0490	SANDEEP KAMBALA	III B. Tech - II Semester
35	15121A04B2	KONETI ANUSHA	III B. Tech - II Semester
36	15121A04D4	M S DRISHYADA	III B. Tech - II Semester
37	15121A04D6	M LAKSHMI PRASANNA	III B. Tech - II Semester

| Sl. No.	Roll Number	Name of the Student	Year & Semester
38	15121A04D8	MALIPELA MANOJKUMAR REDDY	III B. Tech - II Semester
39	15121A04E5	M.VARSHITHA	III B. Tech - II Semester
40	15121A04E6	M.VINEETHA	III B. Tech - II Semester
41	15121A04F6	NALLAPUSALA DHANUNJAYA REDDY	III B. Tech - II Semester
42	15121A04G0	N. MANI DEEPIKA	III B. Tech - II Semester
43	15121A04G8	P.TARAKESWARI	III B. Tech - II Semester
44	15121A04G9	P. SAI SRI	III B. Tech - II Semester
45	15121A04H0	PANTRA KISHORE	III B. Tech - II Semester
46	15121A04J3	R VASAVI	III B. Tech - II Semester
47	15121A04J7	S.NIKHILTEJA	III B. Tech - II Semester
48	15121A04J9	S.SRINIVAS REDDY	III B. Tech - II Semester
49	15121A04K1	R SAI PRIYA	III B. Tech - II Semester
50	15121A04K4	S.LAKSHMI TEJA	III B. Tech - II Semester
51	15121A04K9	SHAIK MAHABOOB JANI	III B. Tech - II Semester
52	15121A04L5	S.VEERA VENKATA VYSHNAVI	III B. Tech - II Semester
53	15121A04M6	T.GNANESWAR REDDY	III B. Tech - II Semester
54	15121A04N0	V.BHANUPRAKASH REDDY	III B. Tech - II Semester
55	15121A04N5	VELAKATURI PRATHYUSHA NAIDU	III B. Tech - II Semester
56	15121A04Q0	ESWAR SAI	III B. Tech - II Semester
57	15121A0501	A VINAY	III B. Tech - II Semester
58	15121A0507	ARIKATLA SREEDHAR REDDY	III B. Tech - II Semester
59	15121A0509	B CHARAN REDDY	III B. Tech - II Semester
60	15121A0511	B.PRAVEEN KUMAR REDDY	III B. Tech - II Semester
61	15121A0513	BANDARAM LOHITH	III B. Tech - II Semester
62	15121A0515	BATHALA PAVAN SAI	III B. Tech - II Semester
63	15121A0516	BATHINA AISHWARYA	III B. Tech - II Semester
64	15121A0520	BOGANADHAM DHEERAJ	III B. Tech - II Semester
65	15121A0522	MANASA	III B. Tech - II Semester
66	15121A0523	BUGGINENI NIKHIL	III B. Tech - II Semester
67	15121A0525	CHELLE CHARAN TEJA	III B. Tech - II Semester
68	15121A0529	CHINTALA SREEKAR	III B. Tech - II Semester
69	15121A0530	C RAMASAI REDDY	III B. Tech - II Semester
70	15121A0534	DEVADULA SAI LALITHA	III B. Tech - II Semester
71	15121A0535	DEVATHI MAHESH	III B. Tech - II Semester
72	15121A0536	CHAITANYA DEVIREDDY	III B. Tech - II Semester
73	15121A0540	DOUNTHU LAHARI	III B. Tech - II Semester
74	15121A0548	G NAGAMAHESWARA	III B. Tech - II Semester
75	15121A0549	G HARUN KUMAR GOWD	III B. Tech - II Semester
76	15121A0550	G SAIVAMSI	III B. Tech - II Semester
77	15121A0552	GAJULA.SAI KEERTHANA	III B. Tech - II Semester
78	15121A0553	GANDLA.NAVYA KEERTHIKA	III B. Tech - II Semester
79	15121A0555	GANGARAPU JAYA SAHITHYA	III B. Tech - II Semester
80	15121A0562	G MANOHARARUPA	III B. Tech - II Semester
81	15121A0567	H PUSHPAMEENAKSHI	III B. Tech - II Semester
82	15121A0570	DEEPIKA JAVANGULA	III B. Tech - II Semester
83	15121A0574	K.HARINI	III B. Tech - II Semester
84	15121A0575	K HITEN REDDY	III B. Tech - II Semester
85	15121A0576	KURUGODU PALI SRAVANI	III B. Tech - II Semester

Sl. No.	Roll Number	Name of the Student	Year & Semester
86	15121A0580	THULASI THEJA K S	III B. Tech - II Semester
87	15121A0584	KALATHUR CHENCHU KISHORE KUMAR	III B. Tech - II Semester
88	15121A0588	KALUGUTLA SAI SARAN VAMSI	III B. Tech - II Semester
89	15121A0589	K YAGNA	III B. Tech - II Semester
90	15121A0590	KANCHARLA SRAVANI	III B. Tech - II Semester
91	15121A0593	SANDEEP KARANAM	III B. Tech - II Semester
92	15121A0595	KAREKALLU MOUNIKA SONALI	III B. Tech - II Semester
93	15121A0597	KATARI MEGHANA	III B. Tech - II Semester
94	15121A05A2	KODATI.RAMYA KRISHNA	III B. Tech - II Semester
95	15121A05A4	KOLLU THARUN KRISHNA	III B. Tech - II Semester
96	15121A05A5	KOMMEPALLI VENU MADHAV	III B. Tech - II Semester
97	15121A05B2	KOTHA NIKHITA	III B. Tech - II Semester
98	15121A05B8	K.NIHARIKA	III B. Tech - II Semester
99	15121A05C1	M.AMARNATH	III B. Tech - II Semester
100	15121A05C2	MADDURI SUMANA	III B. Tech - II Semester
101	15121A05C8	M.SRAVANI	III B. Tech - II Semester
102	15121A05D2	M MADAN MOHAN	III B. Tech - II Semester
103	15121A05D6	MEDA SRIKANTH	III B. Tech - II Semester
104	15121A05D7	MITTA.SAIDATTA LALITHA LAHARI	III B. Tech - II Semester
105	15121A05D9	MUPPALA GAYATHRI	III B. Tech - II Semester
106	15121A05F1	N.PRIYANKA CHOWDARY	III B. Tech - II Semester
107	15121A05F3	NOOR MOHAMMED SOHAIL	III B. Tech - II Semester
108	15121A05F4	BHAVANA	III B. Tech - II Semester
109	15121A05F7	P. NOEL SUSHANTH	III B. Tech - II Semester
110	15121A05F8	P.PAVITRA	III B. Tech - II Semester
111	15121A05F9	P PRANEETH REDDY	III B. Tech - II Semester
112	15121A05G0	P ROHITH	III B. Tech - II Semester
113	15121A05G2	P. SOWMYA	III B. Tech - II Semester
114	15121A05G5	PADIGINETI SRAVAN KUMAR	III B. Tech - II Semester
115	15121A05G6	PALA THULASI	III B. Tech - II Semester
116	15121A05G7	P SASHI KIRAN	III B. Tech - II Semester
117	15121A05H4	P SAI THEJA	III B. Tech - II Semester
118	15121A05H5	MURALI KRISHNA	III B. Tech - II Semester
119	15121A05J2	R VINOD NAIDU	III B. Tech - II Semester
120	15121A05J4	RAYALLA LOKESWARI	III B. Tech - II Semester
121	15121A05J8	S SANDEEPKUMAR	III B. Tech - II Semester
122	15121A05K8	SHAIK YASEEN BANU	III B. Tech - II Semester
123	15121A05M9	V.SAI RACHANA REDDY	III B. Tech - II Semester
124	15121A05N1	DIMPULL PRASHANTHI.V	III B. Tech - II Semester
125	15121A05N7	Y.ABHEESHT REDDY	III B. Tech - II Semester
126	15121A05P0	YALURU THARUN KUMAR REDDY	III B. Tech - II Semester
127	15121A05P2	YEDDULA JAHNAVI	III B. Tech - II Semester
128	15121A05P5	KAVYA SREE	III B. Tech - II Semester
129	15121A05P6	Y.DINESH	III B. Tech - II Semester
130	15121A1040	SUCHITRA MALLELA	III B. Tech - II Semester
131	15121A1049	OSURU THANUSRI	III B. Tech - II Semester
132	15121A1053	PACHIPALA DHEERAJ REDDY	III B. Tech - II Semester
133	15121A1066	S.SAKETH	III B. Tech - II Semester

Sl. No.	Roll Number	Name of the Student	Year & Semester
134	15121A1068	S.PAVAN KUMAR	III B. Tech - II Semester
135	15121A1206	A. SRI RAGHA BHAVANA	III B. Tech - II Semester
136	15121A1208	B.SAI NAGA SWETHA	III B. Tech - II Semester
137	15121A1210	B.THASLEEM	III B. Tech - II Semester
138	15121A1221	DASARI RISHIKA	III B. Tech - II Semester
139	15121A1224	LEENA REDDY	III B. Tech - II Semester
140	15121A1230	JAHNAVI GANDA	III B. Tech - II Semester
141	15121A1231	GAJULA AKHIL BABU	III B. Tech - II Semester
142	15121A1248	K M JYOTHSNA PRIYA	III B. Tech - II Semester
143	15121A1253	K.UMA MAHESWARI	III B. Tech - II Semester
144	15121A1260	M PUSHPASREE	III B. Tech - II Semester
145	15121A1263	M SREE VANI	III B. Tech - II Semester
146	15121A1266	M.DHARANI KUMAR	III B. Tech - II Semester
147	15121A1269	PAVAN N	III B. Tech - II Semester
148	15121A1275	NOOKALA SAHITHYA	III B. Tech - II Semester
149	15121A1279	PATTHI NAGAJYOTHI	III B. Tech - II Semester
150	15121A1280	PEMA CHAITHANYA	III B. Tech - II Semester
151	15121A1283	POCHIREDDY SREE LEKHA	III B. Tech - II Semester
152	15121A1284	POLU HYNDHAVI REDDY	III B. Tech - II Semester
153	15121A1289	R SAIKUMAR	III B. Tech - II Semester
154	15121A1292	R.VENKATA NIHARIKA	III B. Tech - II Semester
155	15121A1296	SOMISETTY MANASA	III B. Tech - II Semester
156	15121A12A1	T.PALLAVI	III B. Tech - II Semester
157	15121A12A4	UDAYAGIRI SUSHMA	III B. Tech - II Semester
158	15121A12A5	U CHANDANA DEEPTHI	III B. Tech - II Semester
159	15121A1501	A SURYA TEJA	III B. Tech - II Semester
160	15121A1503	A.SUCHITRA REDDY	III B. Tech - II Semester
161	15121A1509	B.ANUSHA	III B. Tech - II Semester
162	15121A1513	BOLLINENI GOWRI	III B. Tech - II Semester
163	15121A1514	B.V.RICHA REDDY	III B. Tech - II Semester
164	15121A1520	CHINNAM GARI CHARAN TEJ	III B. Tech - II Semester
165	15121A1528	G.MEGHANA	III B. Tech - II Semester
166	15121A1549	KALIKI MOKSHAGNA	III B. Tech - II Semester
167	15121A1552	KANDATI BHAVYA	III B. Tech - II Semester
168	15121A1558	KOPPARTHI MAHITHA MEENAKSHI	III B. Tech - II Semester
169	15121A1561	KUNJETI SUSHMA	III B. Tech - II Semester
170	15121A1574	NAISHADHAM NARASIMHA SESHASAI	III B. Tech - II Semester
171	15121A1584	P B ANANYA	III B. Tech - II Semester
172	15121A1586	POTTEM SRI MOUNIKA	III B. Tech - II Semester
173	15121A1589	R.D.NAGASAI SREE	III B. Tech - II Semester
174	15121A1592	S A YOGA LAKSHMI	III B. Tech - II Semester
175	15121A15A0	SURA LEELAVATHI	III B. Tech - II Semester
176	15121A15A3	T.JYOSHNA	III B. Tech - II Semester
177	15121A15B3	ANITHA	III B. Tech - II Semester
178	15121A15C0	Y.MADHUMITHA CHOWDARY	III B. Tech - II Semester
179	16121F0019	MAMATA GOWDADIMMANAPALLI	III B. Tech - II Semester
180	16125A0237	PATTA AKRAM	III B. Tech - II Semester
181	16125A0425	K. VAMSI KRISHNA REDDY	III B. Tech - II Semester

Sl. No.	Roll Number	Name of the Student	Year & Semester
182	16125A0515	KURAPATI JAIDEEP	III B. Tech - II Semester
183	16125A0523	P SAI BHARGAV	III B. Tech - II Semester

PLACEMENT OFFICER

RESUME
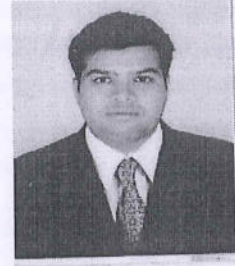
Siva Krishna Rao K., M.E., (Ph.D),
S/o K. Prakash Rao.
3-1-57/1A, Vidyanagar Colony 4th cross East,
Opp: Srinilaya Residency,
Tirupati-517505,
Chittoor District. A.P.

kskrao80@gmail.com
+917013540472

Career Objective:

To Work hard in a systematic manner, keeping all my efforts to do best for the Organization, where there is a potential for growth and recognition for hard work and enroll my abilities to develop the organization and to train students in a best way

Summary of Experience: **18+ Years** of Teaching; Wipro Certified Faculty Trainer in Java and Placement Trainer; InfyTQ Trainer.

➤ *Organization's*:

- Sree Vidyanikethan Engineering College(Autonomous)

  Designation   : **Assistant Professor (SL)**

  Duration   : 1-Dec, 2016 to till date

  Roles   : Teaching and Research

- KL University, Vijayawada

  Designation   : **Associate Professor**

  Duration   : 3 Years 11 Months (Dec 2012 - Nov 2016)

  Roles   : Teaching and Research

- S. S. N. Engineering College, Ongole.

  Designation   : **Associate Professor & Head**

  Duration   : 4 Years 6 Months (June 2008 - Dec2012)

  Roles   : Teaching and Research

- Kakinada Institute of Engg & Tech, Kakinada

  Designation   : **Associate Professor & Head**

  Duration   : 03 Years (Jun 2005 - May 2008).

  Roles   : Teaching and Research

- Sri Kavitha Engineering College,Khammam.

  Designation   : **Lecturer.**

  Duration   : 02 Years.

  Roles   : Teaching

Certification Courses:

- Certified from NPTEL in "Programming in C".
- Certified from Wipro in Java(Wipro Certified Faculty Trainer)
- Finished Online Certification course on create a Subnet from CYBRARY.

Membership of Professional Bodies:

➢ Member of **ACM ,CSI**

Educational Qualifications:

➢ Pursuing **Ph.D.** (*Doctor of philosophy*) in *Computer Science & Engineering*, **Sri Venkateswara University, Tirupati.**

➢ *M. E. (Master of Engineering)*in *Computer Science & Engineering*, **Anna University,** in 2005.

➢ *B. E.(Bachelor of Engineering)* in *Computer Science & Engineering* in *Barathidasan University, Tiruchirapalli* in 2001.

Papers Published in International Conferences/Journals:

1. Published paper on "Extracting Results from Servers by using Density between Micro Clusters " in IJPAM, Volume 117 No. 21 2017, 277-285
ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version)

2. Published paper on **"Falsification: An Advanced Tool for Detection of Duplex Code"** in IJST, DOI: 10.17485/ijst/2016/v9i39/96195, ISSN (Print) : 0974-6846, ISSN (Online):0974-5645.

3. Published paper on **"Congestion Controlling for Streaming Media Through Buffer Management and Jitter Control"** in IJCSNS, Vol 9, NO.2 February 2009.

4. Published paper on **"RELIABLE DATA DELIVERY IN MANETS USING PGF AND VH Scheme"** in IEEE International Conference held in April, 2017 at Kumaraswamy Engineering College, Karur.

5. Published paper on **" Mobile Video Streaming and Sharing Through Cloud Storage"** in IJERCS, Vol 1, NO.1 April 2014.

6. Published paper on **" Enhanced a Novel Technique for Fast-growing Internet Traffic "** in IJERCS, Vol 1, NO.2 June 2014.

7. Published paper on **" Resource Allocating, Optimizing and Load balancing in Cloud through Virtual Machines"** in IJERCS, Vol 1, NO.2 May-June 2014.

8. Published paper on **"An Efficient Storage Technique in Public Cloud Computing"** in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol 4, Issue 1 January 2015.

9. Published paper on "**An Automated Web Service Registration And Discovery Based On Multi-Agent- System Architecture**" in International Journal of Web Services and Research in May-2016.

FDP's Attended:

1. Attended One week FDP on *IoT* in K.L. University, Vijayawada from 17-11-2017 to 24-11-2017.

2. Attended **Wipro certified Faculty** workshop in Wipro, Electronic City phase-I, from 09-01-2017 to 21-01-2017.

3. Attended One week FDP on *Machine Learning* in Sree Vidyanikethan Engineering College, Tirupati from 19-12-2016 to 24-12-2016.

4. Attended Two week FDP on **BIG DATA ANALYTICS** in K.L.University, Vijayawada, from 04-01-2015 to 17-01-2015.

5. Attended three days workshop on "**Recent trends in Network Security**" in Sree Vidyanikethan engineering college, Tirupati from 16-02-2017 to 18-02-2017.

6. Attended FDP on **Scratch**(MIT) Conducted by Google with APSSDC in Sree Vidyanikethan Engineering college on 15.06.2017.

7. Attended One week FDP on "**Advances in Python Programming**" in Sree Vidyanikethan Engineering college, Tirupati from 28.11.2016 to 02.12.2016.

8. Attended Three days FDP on "Ethical Hacking" in SSN College of Engg & Technology, Ongole from 11.3.2011 to 13.3.2011.

9. Attended one week FDP on "Outcome Based Education" in KLUniversity from 12.10.2015 to17.10.2015.

Projects Guided:

- o **M.Tech.** : **03**
- o **B.Tech.** : **27**

Total Projects Handled : **30**

Areas of Interest:

- ➢ Programming in C/C++/Java/Python.
- ➢ Software Engineering.
- ➢ Software Testing.
- ➢ Formal Languages & Automata Theory.
- ➢ Big Data.

Courses Taught at Post GraduateLevel (M. Tech.):

- Software Quality Assurance and Testing.
- Software Requirements and Estimation.
- Scripting Languages.
- Web Programming

Courses Taught at Graduate Level (B. Tech.):

- C-Programming.
- Advanced Data Structures.
- Advanced Data Structures and Algorithms.
- Principles of Programming Languages.
- Object Oriented Programming Through JAVA.
- Formal Languages and Automata Theory
- Compiler Design.
- Data Base Management Systems.
- Operating Systems.
- Information Security.
- Software Testing Methodologies
- Python Programming
- Java Programming

Responsibilities:

- Acted as Training In-Charge for WIPRO PBL in Sree Vidyanikethan Engineering College.

- Acted as lead trainer for the placement drives conducted in the college.

- Acted as BOS Internal member in Sree Vidyanikethan Engineering College.

- Acted as Co-coordinator for NBA and NAAC in Sree Vidyanikethan Engineering College.

- Acted as a member in the conduction of two week workshop on Big Data Analytics Sponsored by DST in KLU, April 2016

- Acted as a member in the conduction of National Level Conference on Big-Data at KLU, March 2016.

- Co-Ordinator of **ELAN'10**, A State level Symposium conducted by SSN Engineering College, Ongole.

- Co-Ordinator for **B. Tech. Projects** in SSN Engg. College and Guided Six Projects.

- Co-Ordinator of ACCESS'14, A state level technical symposium conducted by KLUniversity, Vijayawada.

- Co-ordinator of Samyak'13, Technical Fest conducted by KL University, Vijayawada
- Co-ordinator of Samyak'14, Technical Fest conducted by KL University, Vijayawada
- Co-ordinator of Samyak'15, Technical Fest conducted by KL University, Vijayawada

Technical Skills:

- Languages   : C, C++, Java, Python, Go language
- Database   : Oracle11g
- Framework   : Hadoop.
- Server Programming : Servlets

Personal Profile:

- Name   : Siva Krishna Rao Kuncham
- Father's Name   : Prakash Rao K.
- Gender   : Male.
- Marital Status : Married.
- Nationality   : Indian.
- PAN   : AUAPK1981C
- Aadhar   : 970846799727
- Date of Birth   : 28-08-1980
- Passport No   : M9970600

Declaration:

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Place:
Date:

(SIVA KRISHNA RAO K.)

Chanakya G M
Placement Manager

Experienced Placement Manager with a demonstrated history of working in the Education Management Industry both in Academics and Managerial roles.

✉ chanakya.gm@gmail.com

📍 Tirupati, India

in linkedin.com/in/Chanakya G M

📷 instagram.com/chanu_gm

📱 7981143135

🌐 chanakyagm.wordpress.com

🐦 @chanakyagm

WORK EXPERIENCE

Placement Manager
Sree Vidyanikethan Engineering College

11/2019 - Present   *Tirupati*

Achievements/Tasks

- Bringing in Niche and Core Recruiters to the Institutions.
- Design & Execution of a Comprehensive training plan for Sree Vidyanikethan Engineering College & other Sister Institutions of Educational Trust.
- MoU's with Industry, SPOC Online Training & Assessment Platforms.

Contact: Mr. Venugopal Marella, Corporate Relations Liasioning Officer - venugopal.marella@vidyanikethan.edu

Training Manager
Sree Vidyanikethan Engineering College

06/2019 - 11/2019   *Tirupati*

Achievements/Tasks

- Design & Execution of a comprehensive training plan for Sree Vidyanikethan Engineering College & other Sister Institutions.
- Full time Certified Trainer in executing Wipro's Project Based Learning program in Java.
- Institutional SPOC Online Training & Assessment Platforms.

Assistant Professor of IT & Placement Coordinator
Sree Vidyanikethan Engineering College

07/2011 - 06/2019   *Tirupati*

Achievements/Tasks

- Teaching, Learning & Evaluation.
- Rendered services as a Training & Placement Coordinator for Sree Vidyanikethan Educational Institutions.
- Institutional SPOC Online Training & Assessment Platforms.

CERTIFICATIONS

Step Into Robotic Process Automation - UiPath & GUVI Geek Network. (06/2020)

Wipro Certified Faculty - Talent Next Project-Based Learning on Java. (12/2017)

Certificate of Excellence - 'Use of ICT in Education for Online Blended Learning", IIT Bombay. (05/2016)

IBM Certified Associate System Administrator Lotus Notes and Domino 8. (12/2011)

SKILLS

C • Data Structures • Java • Python • SQL • UML • Algorithms
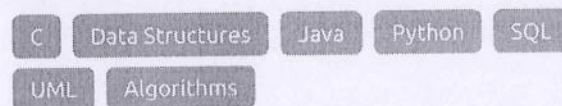
EDUCATION

B. Tech - Information Technology
JNTU- H, Hyderabad.
07/2004 - 05/2008

M. Tech - Computer Science
JNTU- A, Anantapuramu.
07/2009 - 06/2011

Ph. D - Data Analytics (Pursuing)
K.L University, Vijayawada.
12/2017 - Present

PUBLICATIONS
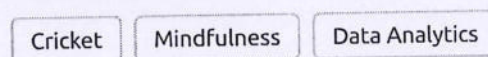
Journals : 03

Conferences : 07

LANGUAGES

English
Full Professional Proficiency

Telugu
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Cricket • Mindfulness • Data Analytics

Curriculum Vitae

Name	:	Mr. S. Shiva Prakash
Designation	:	Assistant Professor
Department	:	Computer Science and Systems Engineering
Date of birth	:	15/07/1984
Email	:	shivasthaneekam@gmail.com
Mobile	:	+91 9440656515
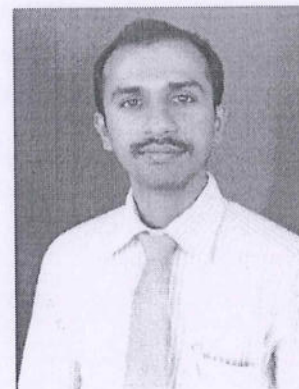
Work Experience:

S.No	Designation	Name of the College	Period	No. of years
1	Assistant Professor	Sree Vidyanikethan Engineering College, Tirupati	27/06/2011 to till the date	**8Years 5 months**

Educational Qualifications:

S.No	COURSE	Name of Institute	Board/University	Year of Passing	Aggregate of Marks
1	**Ph.D**	VIT ,Vellore	VIT, Vellore	Register as an External scholar in 2009	
2	**M.Tech (Computer Science)**	Sree Vidyanikethan Engineering College, Tirupathi	JNTUA, Ananthapuramu	2011	79.21
3	**B.Tech. (CSSE)**	Sree Vidyanikethan Engineering College, Tirupathi	JNTU, Hyderabad	2006	63.13
4	**Diploma (Computer Science)**	Dr.Y.C.James Yen Rural Polytechnic College, Kuppam	Board of Technical Education and Training, Hyderabad	2002	64.36
5	**SSC**	Z. P. High School, Sodam	Board of SSC, Hyderabad	1999	59.66

Certifications:

1. **Wipro Certified Faculty:** Mentor for Project Based Learning 'PBL' in Java J2EE.
2. **CISCO Certified Instructor:** Mentor for Cisco IT-Essentials.
3. NPTEL Online Certification Funded by Ministry of HRD, Govt. of India on "Introduction to Internet of Things".
4. NPTEL Online Certification by Ministry of HRD, Govt. of India on "Programming in C++".

Publications (Journals/Conferences):

1. "A survey on Big Data Security Algorithms",K.Laksmi Prasanna,M.trilok Reddy,S.Shiva prakash,Helix Vol.8,Feb 2018,ISSN:2319-5592(online).
2. "Intelligent Design for SMS module by Ranked based Pre-emptive Job Scheduling Algorithms", Sasikumar Gurumurthy, Kumar Raja, Chandra, Shivaprakash, Intrernational Jounal of Electrical, Instrumentation and Electronics Engineering, Volume 1,Issue1,2017.
3. "A Comprehensive Study of M2M Area Networks and Challenges", S.Shiva prakash, Prof.C.Madhusudhana Rao,IRACST-International Journal of Computer Networks and Wireless Communications Vol.4,No 1,Feb 2014,ISSn:2250-3501.
4. "Polygons Filling Using Divide and Conquer Method", K.Guravaiah, S.Shiva praksh, G.M.Chanakya,IEEE Intenational Conference on Research and Development Prospects on Engineering and Technology (IEEE-ICRDPET) , Mar 2013.
5. "Decoupling IPV7 from the World Wide Web in Reinforcement Learning",A.C. Reddy Sagar, G.M.Chanakya, S.Shiva prakash, CiiT International Journal of Networking and Communication Engineering,Vol.4, No 8, July 2012,ISSN: 0974-9713.
6. "Back Scan Pruming and Logical Analysis Approach",P.Dhana Lakshmi, S.Shiva prakash, M.Ramu, Dr.B.Ewwara Reddy,International Journal of Advanced Computing,Vol.4 Issue1,Jan 2012,ISSN:0975-7686.
7. "Team Work Evalution Using Data Mining Techniques",K.Guravaiah, B.Ramakanth Reddy, S.Shiva praksh, M.Naveen Kumar, CiiT International Journal of Data Mining and Knoledge Engineering,Vol.3, No 10, Aug 2011,ISSN: 0974-9683.
8. "Web Data Refining Using Feedback Mechanism and K-mean Clustering", Prof.P.Jatin Das,S.Arun Kumar, B.Ramakantha Reddy, S.Shiva Prakash,Jounal of Computing, Vol.3 Issue 5, May 2011,ISSN:2151-9617.

DECLARATION

I hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief.

DATE :
Place : Tirupati

Signature
(S. Shiva Prakash)

KARTHEEK D N

Phone: +91 - 9700515958
Email: kartheek521csestar@gmail.com
Date of Birth: 4th March 1988
Address: D. No: 16-28, First Floor, Muni Reddy Nagar, Tirupati– 517502.
Languages known: Telugu, Hindi (Basic), English.

Objective:

To prove and develop my skills through challenging tasks and help the organization in attaining its goal besides attaining professional skills and growth.

Educational Qualifications:

S.No	Details	Specialization	University/Board	Division	Year
1.	Ph.D	Computer Science	VIT University	--	Pursuing
2.	M.Tech	Information Communication and Network Engineering (ICNE)	Manipal University	First	2011
3.	B.Tech	Computer Science Engineering	JNTU, Anantapur	First	2009
4.	12th	Maths, Physics, Chemistry	Board of Intermediate Education	Distinction	2005
5.	10th	NA	Board of Secondary Education	Distinction	2003

Professional Experience (8 Years):

S.No	Organization	Role	From	To
1.	Sree Vidyanikethan Engineering College	Assistant Professor	June 2014	Till Date
2.	Manipal Institute of Technology, Manipal	Research Scholar	October 2013	April 2014

	University			
3.	Sree Vidyanikethan Engineering College	Assistant Professor	August 2011	October 2013
4.	Manipal Institute of Technology, Manipal University	Teaching Assistant	August 2009	May 2010

Administration Experience:

S.No	Organization	Role
1.	Sree Vidyanikethan Engineering College	**Placement & Internship Coordinator-** B.Tech Computer Science and Systems Engineering (4th Year) B.Tech Computer Science and Systems Engineering (3rd Year)
2.	Sree Vidyanikethan Engineering College	**Course Coordinator-** B.Tech Computer Science and Systems Engineering.
3.	Sree Vidyanikethan Engineering College	**Faculty Convener-** CODECHEF Campus Chapter (2015-18).
4.	Sree Vidyanikethan Engineering College	**Faculty Coordinator-** Department Student Association.
5.	Sree Vidyanikethan Engineering College	**Coordinator-** Remedial and Reinforcement Classes.
6.	Manipal Institute of Technology	**Teaching Assistant:** Handling Project Lab for B.Tech Students.

Initiative and Drive at work place:

1. Conducted many Coding Events in the department to improve Competitive Programming skills among students.
2. Took initiative in forming clubs (Programming Club, Domain Club, Higher Education

Club) in the department and helped in conduction of events for II and III Year students.

3. Acted as a faculty mentor for student batches participating in ACM ICPC Online Programming Event conducted by Amrita University and Hindustan University.

Subjects taught at UG Level:

1. Programming- C, C++, Java, Python.
2. Domain Related- Operating Systems, Computer Networks.
3. Network Programming.
4. Web Programming.
5. Software Testing.

Publications:

INTERNATIONAL JOURNALS:

1. Published a paper entitled "Improving the Efficiency of Query Response and Unavailability Issues in a Sensor Network of Mobile Devices", in International Journal of Scientific and Engineering Research (**IJSER**) Volume 3, Issue 9, September-2012.

2. Published a paper entitled "An overview on Security Issues in Cloud Computing", in IOSR Journal of Computer Engineering (**IOSRJCE**) Volume 3, Issue 1 (July-Aug. 2012), PP 40-43, ISSN: 2278-0661, Digital Object Identifier (DOI): 10.9790/0661-0314043

3. Published a paper entitled "Security using BB84 Quantum Key Distribution Protocols", in International Journal of Advanced Research in Computer Science and Software Engineering (**IJARCSSE**) Volume 2, Issue 5, May 2012, ISSN 2277 128X.

4. Published a paper entitled "Security using Quantum Key Distribution Protocols", in International Journal of Scientific and Engineering Research (**IJSER**) Volume 3, Issue 3, March -2012, ISSN 2229-5518.

INTERNATIONAL CONFERENCE:

1. Presented and published a paper entitled "Towards Secured Firewalls for Software Defined Networks", in International Conference on Innovations in Computing and Communications (ICICC 2015), 12th & 13th February 2015 at BVRIT, Hyderabad.

2. Presented and Published a paper entitled "Security in Quantum Computing using Quantum Key Distribution Protocols", in International Multi Conference on Automation, Computing, Control, Communication and Compressed Sensing, iMac-2013 sponsored by **IEEE Kerala Section**. This paper will be published in IEEE Xplore (Conference Record Number:#20969).

3. Presented and published a paper entitled "Security using Quantum Key Distribution Protocols", in First International Conference on Networks and Cyber Security **(ICNCS)**, 2012.
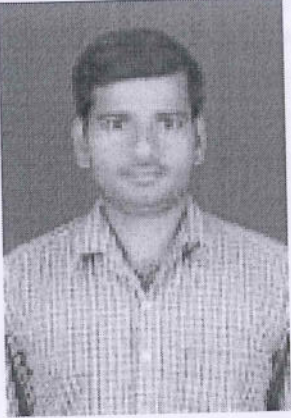
Achievements and other Activities:

1. Qualified in **GATE 2008** with a percentile of 84.10.

2. Was part of the team that organized 'P.I.N.G 2009' National Level Workshop at MIT, Manipal on Advancement in Wireless Technology.

3. Conducted a Regional wide workshop on "Robotics and Artificial Intelligence" January 2012 in the department of CSE, SVEC.

4. Conducted an Expert Lecture on "The Elements of Data Center and Intro to Cloud Computing" December 2012 in the department of CSE, SVEC.

5. Acted as a coach for many teams which participated in **ACM International Inter Collegiate Contest** 2012, 2014, 2015, 2016, 2017 and 2019 at Amrita University, Kerala and Hindustan University, Chennai.

6. Faculty Advisor for **Code Campus Chapter** of Sree Vidyanikethan Engineering College.

7. Organized many Programming Events at Sree Vidyanikethan Engineering College as a part of Code Chef Campus Chapter.

8. Organized Two-Day National workshop on Internet of Things: Scope for Future Research and Business sponsored by DST-SERB.

9. Participated in many National level Faculty Development Programmes and workshops conducted at different colleges.

10. Participated in a two week workshop on Advanced JAVA at Wipro Technologies, Benguluru.

11. Organized many Internet of Things Awareness programs in SVEC.

12. Successfully passed TalentNext Certification Assessment conducted by Wipro and is recognized as Mentor for Project Based Learning 'PBL' in Java J2EE **(Wipro Certified Faculty)**.

13. Acted as a Resource Person for Three-Day Residential Program on "Internet of Things" conducted by APHRDI.

14. Qualified in **NET-2019** with a percentile of 98.99.

15. Participated in a three day workshop on Advanced Technologies at Wipro, Benguluru.

DECLARATION:

      I hereby declare that the above mentioned information is correct up to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: TIRUPATHI   [Kartheek.D.N]

Name of the Faculty:	Mr. Y. Kiran Kumar	
Designation:	Assistant Professor	
Area of specialization:	Computer Applications	
Teaching experience:	9 Years	
Academic Qualifications:	MCA, M. Phil.,	
Affiliating Institution:	Sree Vidyanikethan Engineering College (Autonomous), Tirupati	
Ph. D	-------	
Awarded/Pursuing	Pursuing	
Name of the University	Bharathiar University, Coimbatore	
Year of Registration	2012	
Year of completion	-	
Specialization	Service Oriented Architecture	
Title of Thesis	-	
Research contributions		
International/National Journals	5	
International/National Conferences	6	
Research projects		
Submitted	-NIL-	
Sanctioned	-NIL-	
Ongoing	-NIL-	
Research Supervisor/Reviewer/ Session Chair etc.,	-NIL-	
Subjects Taught	JAVA, Web Programming, Multimedia Application Development, Computer Organization, Computer Networks, Middleware Technologies, Database Management Systems	
Email-id & Contact No:	ykkumar83@gmail.com; 9346730147	

PLACEMENT AND TRAINING CENTRE (PAT)

A Report on *"A Boot camp program on Project Based Learning in JAVA"*
(06th to 26th June, 2018)

The Department of Placement and Training organized a 16 days training program on "**A Boot camp program on Project Based Learning in JAVA by WIPRO Certified Faculty of SVEC**" from 06th to 24th June, 2018 for all the enrolled students of III B. Tech (CSE, IT, CSSE, ECE, EEE & EIE) & II MCA.

Objectives and Outcomes:

- The Objective of the boot camp is to make the 6th Semester students industry ready by incorporating the Project Based Learning skills (PBL) in Java programming.
- The WCF (Wipro Certified Faculty) mentors handled all the technical sessions on campus using the content prepared by the Wipro Talent Next team and assessments through the Wipro PBL Application & Mettl coding assessment platform.
- Students who complete the certification program will have early onboarding opportunity post Wipro Selection without any further technical training.

Technical Sessions were handled by the Wipro Certified Faculty Mr. K. Siva Krishna Rao, Mr. Chanakya G. M, Mr. D. N Kartheek, Mr. S. Shiva Prakash, and Mr. Y. Kiran Kumar.

All the Technical sessions are divided into four Milestones (Milestone- 1, 2, 3 and 4) which follow a Project Based Learning approach (PBL).

- Hands-on tasks
- The content was hosted on PBLApp website enabled through Wipro Cloud, which can be accessed 24x7
- All the students were provided an individual login-id to access PBLApp website and communicated to the students on their email ids

Each Milestone consists of set of OOP concepts where the trainers given a brief introduction about the topic and the students worked on the projects.

Milestone - 1	Milestone – 2	Milestone – 3	Milestone - 4
OOP Concepts	IO	HTML & CSS	AJAX
Exceptions		JavaScript & Bootstrap	Web programming
Collections	JDBC	Servlets	Hibernate
Junit		JSP	Spring

Schedule:

Sl. No.	Start Date	Course Topic Name	No. of Mentor hours	No. of Lab hours
1	06-Jun-18	Java Fundamentals	5	4
2	07-Jun-18	OOPS / Inheritance	4	4
3	07-Jun-18	Eclipse Overview	1	0
4	08-Jun-18	Abstraction /Packages / Exception Handling	4	5
5	09-Jun-18	Collection Framework	10	17
6	12-Jun-18	ASSESSMENT MILESTONE – 1	10:00AM - 5:00PM	
7	13-Jun-18	Coding Standards / Best Practices	2	2
8	13-Jun-18	Wrapper Classes, I/O Streams, Annotation	2	3
9	14-Jun-18	Junit	5	4
10	15-Jun-18	Multithreading I / II	5	4
11	16-Jun-18	RDBMS / SQL / PL/SQL	10	8
12	18-Jun-18	JDBC	4	14
13	20-Jun-18	ASSESSMENT MILESTONE – 2	10:00AM - 5:00PM	
14	21-Jun-18	ANT	2	2
15	21-Jun-18	HTML	2	3
16	22-Jun-18	JavaScript / CSS	4	5
17	23-Jun-18	Servlets and JSP	5	4
18	24-Jun-18	XML-I and XML-II	5	13
19	26-Jun-18	ASSESSMENT MILESTONE - 3	10:00AM - 5:00PM	
		Final Comprehensive TalentNext Assessment		

Each Milestone has Hands-on sessions and a Final Assessment.

Hands-on sessions:

- 2 Milestone projects
- 2 logic building exercises

Final Assessment:

- MCQ Test using Mettle (30 Questions, 30 Marks, 45 Minutes)
- Test on Logic Building using Mettle (1 Question, 40 Marks, 125 Minutes)
- Mini Project using CPC (Code Proficiency Checker) (1 Question, 30 Marks, 125 Minutes)

The Team focused more on first three Milestones as the students will assess on the same during training.

A total of **183 students** from CSE, IT, CSSE, ECE, EEE, EIE and MCA benefited from the program and acquired required skills.

Dean, PAT

SREE VIDYANIKETHAN ENGINEERING COLLEGE

(Autonomous)

Sree Sainath Nagar, A. Rangampet, Tirupati-517102.

Certificate

This is to certify that

ANTHATI SAI DHEERAJ GOUD

bearing Roll No.   **15121A0206**   *of*

Electrical and Electronics Engineering

has participated in A Boot Camp Program on

"Project Based Learning in JAVA"

held during 6th to 26th June 2018, Organized by

PLACEMENT AND TRAINING CENTRE

SREE VIDYANIKETHAN ENGINEERING COLLEGE

Dean,PAT

Principal, SVEC

SREE VIDYANIKETHAN
Engineering College

(AUTONOMOUS)
SREE SAINATH NAGAR, A. RANGAMPET –517 102

Department of Basic Sciences & Humanities

Hands on Training on ETIQUETTES

Resource Persons :

Dr.M.RAVICHAND
Professor, Dept. of BS&H

Ms. G.M. MADHAVI.
Asst. Professor, Dept. of BS&H

Date : 4th Sept. to 21st Sept., 2017

Venue : English Language
Communications Lab

Target Group: III & IV B.Tech students

Contents

- Behaviour Concepts and its importanc
- Ladder to Accomplishments
- Personality Traits
- Culture Etiquettes
- Work
- Place Etiquettes

Chief Patrons

Dr. M. Mohan Babu   Sri. Vishnu Manchu
Chairman, SVET   CEO, SVET

Patron

Dr. P.C. Krishnamachary
Principal, SVEC

Etiquette

Course Description:

Etiquette is an unwritten code of behaviours designed to ease social interactions in personal and business lives. Good manners can mean the difference between success and failure. Etiquette helps us be thoughtful about our conduct; it helps us to be aware of the feelings and rights of others too. It also promotes respect for people of other cultures; etiquette is culturally bound.

The objective of the programme is to assist students in understanding proper behaviour to get ahead in their academic and professional careers. Simple courtesies cost nothing, but they often reward with success and respect. In addition, learning and mastering the rules of etiquette will help students build confidence, engage with others, and progress professionally.

1. Why Etiquette Matters
2. The Common Courtesies of Life
3. Polite Conversation
4. Telephone Etiquette
5. Correspondence
6. Basic Table Manners
7. Overnight Guests
8. Wedding Etiquette
9. Moments of Sorrow
10. The Rules of the Workplace
11. Appropriate Behavior for Children
12. Gift Giving Guidelines

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Hands on training on Etiquatte

04.09.2017 to 21.09.2017

Programme Schedule

Date & Time	Topic	Name of the Resource Person
Registration [2.00 to 2.15 PM] **VENUE: ELCS LAB**		
Inaugural [2.15 to 2.30 PM] **VENUE: Civil Seminar Hall**		
04-09-2017 2.30 to 4.30 PM	Introduction to Etiquette	Dr.Mravichand Ms.GM Madhavi.
05-09-2017 2.30 to 4.30 PM	Why Etiquette Matters	Dr.Mravichand Ms.GM Madhavi.
06-09-2017 2.30 to 4.30 PM	Gift Giving Guidelines	Dr.Mravichand Ms.GM Madhavi.
07-09-2017 2.30 to 4.30 PM	The Common Courtesies of Life	Dr.Mravichand Ms.GM Madhavi.
08-09-2017 2.30 to 4.30 PM	The Common Courtesies of Life	Dr.Mravichand Ms.GM Madhavi.
11-09-2017 2.30 to 4.30 PM	Polite Conversation	Dr.Mravichand Ms.GM Madhavi.
12-09-2017 2.30 to 4.30 PM	Appropriate Behavior for Children	Dr.Mravichand Ms.GM Madhavi.
13-09-2017 2.30 to 4.30 PM	Telephone Etiquette	Dr.Mravichand Ms.GM Madhavi.
14-09-2017 2.30 to 4.30 PM	Correspondence	Dr.Mravichand Ms.GM Madhavi.
15-09-2017 2.30 to 4.30 PM	Correspondence	Dr.Mravichand Ms.GM Madhavi.
16-09-2017 2.30 to 4.30 PM	Basic Table Manners	Dr.Mravichand Ms.GM Madhavi.
18-09-2017 2.30 to 4.30 PM	Overnight Guests	Dr.Mravichand Ms.GM Madhavi.
19-09-2017 2.30 to 4.30 PM	Wedding Etiquette	Dr.Mravichand Ms.GM Madhavi.
20-09-2017 2.30 to 4.30 PM	Moments of Sorrow	Dr.Mravichand Ms.GM Madhavi.
21 -09-2017 2.30 to 4.30 PM	The Rules of the Workplace	Dr.Mravichand Ms.GM Madhavi.

Name of the Department	Name of the value added course	Start and end dates	Name of the resource person and affiliation	No. of students enrolled	No. of students completed
BS&H	Hands on Training on Etiquates	04.09.2017 to 21.09.2017	Dr.Mravichand Ms.GM Madhavi.	100	100

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	KAKI SUSMITHA	15121A0130	III B. Tech - I Semester
2.	KAMALAPURAM TEJESH KUMAR REDDY	15121A0131	III B. Tech - I Semester
3.	KAMATHAM RAMESH	15121A0132	III B. Tech - I Semester
4.	KAMIREDDY MAMATHAVENI	15121A0133	III B. Tech - I Semester
5.	KAMURTHY DINESH KUMAR	15121A0134	III B. Tech - I Semester
6.	KARANAM RAMESH KUMAR	15121A0135	III B. Tech - I Semester
7.	KARLAPUDI HARSHA VARDHAN	15121A0136	III B. Tech - I Semester
8.	KASIREDDY KEERTHI	15121A0137	III B. Tech - I Semester
9.	KATARI GIRISH KUMAR	15121A0138	III B. Tech - I Semester
10.	KEERTHI VINAY KUMAR	15121A0139	III B. Tech - I Semester
11.	KOMMA SRAVANTHI	15121A0140	III B. Tech - I Semester
12.	KONDA ELISHA DEVAKUMAR	15121A0141	III B. Tech - I Semester
13.	KORRAPATI SANDEEP GOUD	15121A0142	III B. Tech - I Semester
14.	M HIMA BINDU	15121A0145	III B. Tech - I Semester
15.	MALEGELI MOUNIKA	15121A02A4	III B. Tech - I Semester
16.	MALLAPU BHUVANESWAR REDDY	15121A02A5	III B. Tech - I Semester
17.	MALLAVARAPU RAKESH REDDY	15121A02A6	III B. Tech - I Semester
18.	MALLELA GOUTHAM	15121A02A7	III B. Tech - I Semester
19.	MANOJ KUMAR KUMMITHI	15121A02B0	III B. Tech - I Semester
20.	MARAMREDDY CHANDRA SEKHAR REDDY	15121A02B1	III B. Tech - I Semester
21.	MARAMREDDYPALLI VENKATESH	15121A02B2	III B. Tech - I Semester
22.	MARIDI SATHEESH	15121A02B3	III B. Tech - I Semester
23.	MEDATHATI THERISA	15121A02B4	III B. Tech - I Semester
24.	MERALA PRAVEEN	15121A02B5	III B. Tech - I Semester
25.	MERUVA DEEPTHI PRIYA	15121A02B6	III B. Tech - I Semester

26.	MIDDE MAHAMMAD ASLAM	15121A02B7	III B. Tech - I Semester
27.	MITTAKANDYALA IRSHAD HUSSAIN	15121A02B8	III B. Tech - I Semester
28.	MOTAM JESSI PRANEETH	15121A02B9	III B. Tech - I Semester
29.	THANMAYI N	15121A03F1	III B. Tech - I Semester
30.	THOTA VINAY NIKHIL	15121A03F2	III B. Tech - I Semester
31.	THUMMA RAJU	15121A03F3	III B. Tech - I Semester
32.	THUMMA SAI KRISHNA	15121A03F4	III B. Tech - I Semester
33.	THUMMALA SURENDRA BABU	15121A03F5	III B. Tech - I Semester
34.	TIPPAREDDY SISINDRA REDDY	15121A03F6	III B. Tech - I Semester
35.	UMMIREDDYGARI NAVEEN KUMAR REDDY	15121A03F7	III B. Tech - I Semester
36.	UPPU VENKATA SAI LAKSHMAN	15121A03F8	III B. Tech - I Semester
37.	UYYALA HAREESH	15121A03F9	III B. Tech - I Semester
38.	VADITHE SIVA NAIK	15121A03G1	III B. Tech - I Semester
39.	VANKALAPATY MAHESH	15121A03G2	III B. Tech - I Semester
40.	VATTAM THARUN KUMAR REDDY	15121A03G3	III B. Tech - I Semester
41.	VEMPALLI AMBIKA REDDY	15121A03G4	III B. Tech - I Semester
42.	VENNAPUSA TEJASWANI	15121A03G5	III B. Tech - I Semester
43.	VOGGU VENKATA YASHWANTH	15121A03G6	III B. Tech - I Semester
44.	GEEPALEM ANUHYA	15121A0471	III B. Tech - I Semester
45.	GONUGUNTLA MOHAN KRISHNA	15121A0472	III B. Tech - I Semester
46.	GOPALI INDUSRI	15121A0473	III B. Tech - I Semester
47.	GOPATHI VAIBHAV TEJ	15121A0474	III B. Tech - I Semester
48.	H VISHNUCHANDRA	15121A0475	III B. Tech - I Semester
49.	ILLURU VENKATA TRIVENI	15121A0476	III B. Tech - I Semester
50.	IYTHA MONIKA	15121A0477	III B. Tech - I Semester
51.	JADHAV MANEESHA	15121A0478	III B. Tech - I Semester
52.	JAGALETI VAMSHI KRISHNA GOUD	15121A0479	III B. Tech - I Semester
53.	JALADANKI VENKATA KARTHIK	15121A0480	III B. Tech - I Semester
54.	JANGAMREDDY NAVEEN KUMAR REDDY	15121A0481	III B. Tech - I Semester
55.	K BHAGYASRI	15121A0482	III B. Tech - I Semester
56.	K C S KISHORE CHOWDARY	15121A0483	III B. Tech - I Semester
57.	K SAI KEERTHANA	15121A0484	III B. Tech - I Semester
58.	K VENNELA	15121A0485	III B. Tech - I Semester

59.	KALAMANDALA SAI VIJAY	15121A0487	III B. Tech - I Semester
60.	BATTALA SRICHANDU SAI	15121A0517	III B. Tech - I Semester
61.	BEKKAM SARAVANA SARATHCHANDRA	15121A0518	III B. Tech - I Semester
62.	BODIPATI ASHA	15121A0519	III B. Tech - I Semester
63.	BOGANADHAM DHEERAJ	15121A0520	III B. Tech - I Semester
64.	BUCHAYYAGARI CHENNA KESHAVA REDDY	15121A0521	III B. Tech - I Semester
65.	BUDIGI REDDY MANASA	15121A0522	III B. Tech - I Semester
66.	BUGGINENI NIKHIL	15121A0523	III B. Tech - I Semester
67.	CHAGANTI UDAY KIRAN	15121A0524	III B. Tech - I Semester
68.	CHELLE CHARAN TEJA	15121A0525	III B. Tech - I Semester
69.	ARAVA PRASHANTH KUMAR	15121A1001	III B. Tech - I Semester
70.	AVILALA RAMYA	15121A1002	III B. Tech - I Semester
71.	BALIREDDY PAVAN KUMAR	15121A1003	III B. Tech - I Semester
72.	BANDI MYSURA REDDY	15121A1004	III B. Tech - I Semester
73.	BEERAM TEJASWINI	15121A1005	III B. Tech - I Semester
74.	BELLAM PAVAN KUMAR REDDY	15121A1006	III B. Tech - I Semester
75.	BIJJAM HARSHITHA	15121A1007	III B. Tech - I Semester
76.	BINGI PRANEETH KUMAR	15121A1008	III B. Tech - I Semester
77.	BONAGIRI RAJANIKANTH REDDY	15121A1009	III B. Tech - I Semester
78.	CHAPPIDI AKHILESWARA REDDY	15121A1010	III B. Tech - I Semester
79.	KODAGANTI YOGA SAI SRINIVASA RAGHAV	15121A1250	III B. Tech - I Semester
80.	KOLAKANI SAI KUMAR	15121A1251	III B. Tech - I Semester
81.	KONDAVEETI SREEKANTH NAIDU	15121A1252	III B. Tech - I Semester
82.	KOPPULA UMA MAHESWARI	15121A1253	III B. Tech - I Semester
83.	KOTHAMACHU POOJA	15121A1254	III B. Tech - I Semester
84.	KOTHAPALLI LEELA KRISHNA	15121A1255	III B. Tech - I Semester
85.	KOTHAPALLI LIKITHASREE	15121A1256	III B. Tech - I Semester
86.	KUMMITHA ANUSHA	15121A1257	III B. Tech - I Semester
87.	LANDA BHAGYA LAKSHMI	15121A1258	III B. Tech - I Semester
88.	LMK HAALIKA	15121A1259	III B. Tech - I Semester
89.	M PUSHPASREE	15121A1260	III B. Tech - I Semester
90.	JINDE SRIPAL	15121A1541	III B. Tech - I Semester
91.	K POOJA	15121A1542	III B. Tech - I Semester

92.	K RUCHITHA	15121A1543	III B. Tech - I Semester
93.	K SUSHMA	15121A1544	III B. Tech - I Semester
94.	K THEJESH	15121A1545	III B. Tech - I Semester
95.	KADAPAIAHGARI SREENATH REDDY	15121A1546	III B. Tech - I Semester
96.	KALAVAGADDA YASMEEN	15121A1547	III B. Tech - I Semester
97.	KALAVAGUNTA PRANEETH REDDY	15121A1548	III B. Tech - I Semester
98.	KALIKI MOKSHAGNA	15121A1549	III B. Tech - I Semester
99.	KAMATHAM PUJA	15121A1550	III B. Tech - I Semester
100.	KAMBAGOWNI HEMA HARIKA	15121A1551	III B. Tech - I Semester

HOD

Name of the Faculty	Dr. M. Ravichand	
Designation	Professor of English Coordinator, BOS English Dept. of BS&H	
Area of specialization	Afro-American Literature Russio-Jew Literature	
Teaching Experience	23 Years	
Academic Qualification	M. A., M. Phil., Ph. D.	
Awards	Best English Professor of the year - 2019 by Education Icon Awards, New Delhi.	
Trainings/ Certifications	British Council Certified Master Trainer Certified Soft Skills Trainer, JNTU-H Infosys Campus Connect NASSCOM	
Research Guide	JNTU-Ananthapuramu	
K. Shaheen	15PH1407	Human Relationships in the novels of D. H. Lawrence
Kotagiri Suvarna Lakshmi	15PH1405	A portrayal of the Protagonists in the select novels of Saul Bellow
Mullagari Aravinda Kumar	16PH1404	Short stories of Ruskin Bond: Function of Imagination
Seshagiri Hanumanthu	16PH1409	From suffering to self-definition: A critical study on the women characters in the selected works of Alice Walker
Research Publications	35	National and International Journals
Paper presentations	17	National and International seminars and conferences
Memberships	ELTAI; ELTIF	
Extra Curricular Activities	Mentor, Mohana Mantra - A Techno-cultural Fest Convener, Sports and cultural Events	
Labs	In charge, Soft skills and Communication skills Lab.	

Profile

- G.M.Madhavi is an Assistant Professor in the Department of BS&H currently working for Sree Vidyanikethan Engineering College, Tirupati. She has extensive experience of over 19 years in academia.

- Ms. Madhavi obtained her Bachelor's degree in 2004, Master's in 2006, and M.Phil. in 2008 from S.V. University, Tirupati. She is pursuing her Ph.D. at Bharathiar University, Coimbatore. She is qualified in APSET and ratified by JNTUA, Anantapur, for the post of Assistant Professor. In addition, she is certified with Computer Teachers Training, Post Graduate Diploma in Information Technology, and Tally.

Ms. Madhavi has published 15 articles in reputed National and International Journals, organized 5 Faculty Development Programmes and Workshops, and presented 8 papers in National and International Conferences and Seminars. She has participated in several Workshops, FDPs, Seminars, and Conferences. She had also taken training at Infosys, Hyderabad. She involves in designing syllabus and upgrades her knowledge according to the changing needs of the fast-paced, technologically advanced world. Besides, she is actively involved in various administrative responsibilities in her workplace.

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Etiquette is defined as formal rules and manners that are considered sacred and acceptable in society. These have been established by convention for a very long time and are followed diligently in both professional and social settings. It refers to the guiding principle that dictates what our behavior and manners should be in society. It is an asset because it tells you in explicit terms about what it considers to be logical and rational. It draws a line between people with good manners and people who behave irresponsibly everywhere. Etiquette and manners go hand in hand. Etiquettes inform an individual about the norms and behavior that society considers acceptable.

This hands on Training on Etiquettes will cover aspects like:

- ❖ Social Etiquette
- ❖ Corporate Etiquette
- ❖ Business Etiquette
- ❖ Dinning Etiquette
- ❖ Telephone/ Mobile phone Etiquette
- ❖ Meeting Etiquette
- ❖ Class room Etiquette

The term etiquette is such a small word but encompasses a whole lot of roles and responsibilities that have become a guiding force in society. It is undoubtedly clear that the term means following a moral code of conduct, showing respect to others, giving personal space, putting them at ease with your presence, showing kindness, being courteous, and dealing with ethics and honor in every situation. Practice etiquette so that it becomes ingrained, and you can automatically display all the good behavior that society demands from its occupants.

HOD

SREE VIDYANIKETHAN ENGINEERING COLLEGE
(AUTONOMOUS)
Sree Sainath Nagar, A.Rangampet – 517 102

Department of Basic Sciences & Humanities

Certificate

This is to certify that M.Himabindu of Sree Vidyanikethan Engineering College has successfully attended the "Hands on Training on ETIQUETTES" from 04-09-2017 to 21-09-2017 organised by Department of BS&H, Sree Vidyanikethan Engineering College, Tirupati.

DR.A.V.M.PRASAD
Head of the Department

DR.P.C.KRISHNAMACHARI
Principal

(AUTONOMOUS)
SREE SAINATH NAGAR, A. RANGAMPET –517 102

Department of Basic Sciences & Humanities

Training on CRITICAL THINKING

Resource Persons :

Dr.B.ANITHA
Asst. Professor, Dept. of BS&H

Mr.M.N.SREEDHAR
Asst. Professor, Dept. of BS&H

Date
22nd Jan., to 07th Feb., 2018
Venue
English Language Communications Lab

Contents

- Value System
- Harmony with Responsibilities
- Transformation of Opportunities
- Critical Thinking Skills
- **Self Awareness Skills**

Target Group: I to III B.Tech students

Chief Patron	Chief Patron	Patron
Dr.M.Mohan Babu	**Sri Vishnu Manchu**	**Dr.P.C. Krishnamachar**
Chairman, SVET	CEO, SVET	Principal, SVEC

Course Description:

This course will improve the ability to think clearly, rationally and engage students in reflective and independent thinking. This course helps students not to accept anything blindly and help them to take sound judgment, take decisions wisely and continue the tendency of curiosity. This course breaks the students' shackles of heredity and environment conditions. This course also raises the standards of analyzing and assessing one's own thinking by improving the quality of thinking process. Critical thinking will not take sides and move away from rote learning, fixed assumptions and conventional thinking.

This course helps students to understand the relevance of ideas and connect them logically and solve problems in a creative way. This course promotes creativity among the students.

1. Reflection.
2. Analysis.
3. Acquisition of Information.
4. Creativity.
5. Structuring arguments.
6. Decision making.
7. Commitment.
8. Debate.

sree vidyanikethan engineering College (Autonomous)

Sree Sainath Nagar, A. Rangampet – 517 102

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Training On Critical Thinking
22.01.2018 to 07.02.2018
Programme Schedule

Date & Time	Topic	Name of the Resource Person
Registration [2.00 to 2.15 PM] VENUE: CSSE Seminar Hall		
Inaugural [2.15 to 2.30 PM] VENUE: CSSE Seminar Hall		
22-01-2018 2.30 to 4.30 PM	Introduction to Critical Thinking	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Reflection.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Reflection.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Analysis.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Analysis.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Acquisition of Information.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Creativity.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Creativity.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Structuring arguments.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Decision making.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Decision making.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Commitment.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Commitment.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Debate.	Dr.B.Anitha Mr.MN.Sreedhar
22-01-2018 2.30 to 4.30 PM	Debate.	Dr.B.Anitha Mr.MN.Sreedhar

Name of the Department	Name of the value added course	Start and end dates	Name of the resource person and affiliation	No. of students enrolled	No. of students completed
BS&H	Training on Critical Thinking	22.01.2018 to 07.02.2018	Dr.B.Anitha and Mr.MN Sreedhar	120	120

List of Students Participated

Sl. No.	Name of the student	Roll number	Class and Semester
1.	A VINAY	15121A0501	III B. Tech - II Semester
2.	AMBALAM SREENIVASA KRISHNA PRASANTH	15121A0502	III B. Tech - II Semester
3.	ARAVETI VENKATA VINEETH	15121A0506	III B. Tech - II Semester
4.	ARIKATLA SREEDHAR REDDY	15121A0507	III B. Tech - II Semester
5.	ATHULURU HEMALATHA	15121A0508	III B. Tech - II Semester
6.	B CHARAN REDDY	15121A0509	III B. Tech - II Semester
7.	BALAJI KANAKANAMPATI	15121A0510	III B. Tech - II Semester
8.	BALIREDDIGARI PRAVEENKUMAR REDDY	15121A0511	III B. Tech - II Semester
9.	BOLISETTY SAILAJA	15121A0114	III B. Tech - II Semester
10.	BUREPALLI VENKATARAMANA	15121A0115	III B. Tech - II Semester
11.	CHALIVINDLA VENKATA SHASIDHAR REDDY	15121A0116	III B. Tech - II Semester
12.	CHANNAPPA GARI ABHISHEK	15121A0117	III B. Tech - II Semester
13.	CHEEMALADINNE VENKATA AVINASH	15121A0118	III B. Tech - II Semester
14.	CHINNA MANDAPPAGARI PRAKASH	15121A0119	III B. Tech - II Semester
15.	CHINTHALA VENKATA SWAPNA	15121A0120	III B. Tech - II Semester
16.	G VENKATESH	15121A0250	III B. Tech - II Semester
17.	GANDLURI BHARGAV KUMAR	15121A0251	III B. Tech - II Semester
18.	GANGIREDDY PRANAY KUMAR REDDY	15121A0252	III B. Tech - II Semester
19.	GOKULA HIMALATHA	15121A0253	III B. Tech - II Semester
20.	MANUBOLU NAVEEN KUMAR	15121A0384	III B. Tech - II Semester
21.	MANVI JEEVAN KUMAR	15121A0385	III B. Tech - II Semester
22.	MARAMREDDY THITHIGANDLA BHARATHKUMAR REDDY	15121A0386	III B. Tech - II Semester
23.	MARLAPATI JOYSIRIL	15121A0387	III B. Tech - II Semester
24.	MATAM HEMANTH	15121A0388	III B. Tech - II Semester
25.	MONDEM VENKATA MANOLATHA	15121A0389	III B. Tech - II Semester
26.	MONISH S	15121A0390	III B. Tech - II Semester
27.	YERRAGUDI KARTHIK REDDY	15121A04P3	III B. Tech - II Semester
28.	YERRAGUDI NIRMALA	15121A04P4	III B. Tech - II Semester

Sl. No.	Name of the student	Roll number	Class and Semester
29.	B MAHESH BABU	15121A04P6	III B. Tech - II Semester
30.	BILLURI VENKATA RAMA SIDDARTHA	15121A04P7	III B. Tech - II Semester
31.	C SRUJANA	15121A1215	III B. Tech - II Semester
32.	CHINTHA SUSHMA SREE	15121A1521	III B. Tech - II Semester
33.	CHUKKALURI AKHILA	15121A1522	III B. Tech - II Semester
34.	DASIKA SAI PRANEETHA	15121A1526	III B. Tech - II Semester
35.	BELLE SAI KIRAN	16121A0110	II B. Tech - II Semester
36.	BHOOKYA ANKITHABAI	16121A0111	II B. Tech - II Semester
37.	BHUPALAM KRISHMA	16121A0112	II B. Tech - II Semester
38.	BONTHA DEVENDRA REDDY	16121A0113	II B. Tech - II Semester
39.	BOYA MANOJ	16121A0114	II B. Tech - II Semester
40.	BUKYA RAJESH NAIK	16121A0115	II B. Tech - II Semester
41.	CHAKALI SIVA RAMUDU	16121A0229	II B. Tech - II Semester
42.	CHALAMCHERLA NITEESH	16121A0230	II B. Tech - II Semester
43.	CHAVVA MEGHANA	16121A0232	II B. Tech - II Semester
44.	CHENAMALA GANESH	16121A0233	II B. Tech - II Semester
45.	CHETTIBOINA AJAYBABU	16121A0234	II B. Tech - II Semester
46.	CHINNAJINKA KRISHNAVENI	16121A0235	II B. Tech - II Semester
47.	GUVVA MAHESH YADAV	16121A0360	II B. Tech - II Semester
48.	HAKEEM MOHAMMED OMAR FAZIL	16121A0361	II B. Tech - II Semester
49.	HOGIRALA ABHISHEK	16121A0362	II B. Tech - II Semester
50.	JAMPANGI ARAVIND	16121A0363	II B. Tech - II Semester
51.	JATPOL MASTAN	16121A0364	II B. Tech - II Semester
52.	JEEVITESH REDDY K	16121A0365	II B. Tech - II Semester
53.	B RAVITEJA	16121A0419	II B. Tech - II Semester
54.	B SATISH KUMAR	16121A0420	II B. Tech - II Semester
55.	BACHU DIVYA SAI	16121A0421	II B. Tech - II Semester
56.	BADABHAGNI KEERTHANA	16121A0422	II B. Tech - II Semester
57.	BADVELI SRI MIDHUSHA	16121A0423	II B. Tech - II Semester
58.	BALARAJU MANOJRAJU	16121A0424	II B. Tech - II Semester
59.	YADAKUPPAM BALAJI	16121A05P5	II B. Tech - II Semester
60.	YARAVA CHAITANYA KUMAR REDDY	16121A05P6	II B. Tech - II Semester
61.	YELCHURI SAI MEGHANA	16121A05P7	II B. Tech - II Semester
62.	YELURU VENKATESWARLU	16121A05P8	II B. Tech - II Semester
63.	YENUGAKRISHNAREDDYGARI HEMANTHKUMAR REDDY	16121A05P9	II B. Tech - II Semester
64.	YERRADODDI MANEESHA	16121A05Q0	II B. Tech - II Semester
65.	SATYHYANARAYANA MOHAN SAI	16121A1060	II B. Tech - II Semester
66.	SIBBALA HITHENDRA BALU	16121A1061	II B. Tech - II Semester
67.	SOMA SREE LAKSHMI	16121A1062	II B. Tech - II Semester
68.	SURE PREMANTH	16121A1063	II B. Tech - II Semester

Sl. No.	Name of the student	Roll number	Class and Semester
69.	THATAVARTHI VENKATA NAGA MANIDEEP	16121A1064	II B. Tech - II Semester
70.	TELLATAKULA KAVYA	16121A12A0	II B. Tech - II Semester
71.	THAMMINENI DEEPTHI	16121A12A1	II B. Tech - II Semester
72.	THAMMINENI SAI NARASIMHA	16121A12A2	II B. Tech - II Semester
73.	THIRUMALAKONDA MURALI KRISHNA	16121A12A3	II B. Tech - II Semester
74.	TRIDEEP TEJA KV	16121A12A4	II B. Tech - II Semester
75.	CHUNCHU CHARISHMA	16121A1520	II B. Tech - II Semester
76.	D C V DIVIJA	16121A1521	II B. Tech - II Semester
77.	D PREM KUMAR	16121A1522	II B. Tech - II Semester
78.	D PUNEETH SAI	16121A1523	II B. Tech - II Semester
79.	DAMEGUNTA THANMAYEE REDDY	16121A1524	II B. Tech - II Semester
80.	DANDU USHMITHA	16121A1525	II B. Tech - II Semester
81.	THUNGA MOUNIKA	17121A01A1	I B. Tech - II Semester
82.	YERIKALA MADHUSUDHAN	17121A01A2	I B. Tech - II Semester
83.	ASMIR KUMAR YADAV	17121A01A3	I B. Tech - II Semester
84.	CHANDAN MAHATO	17121A01A4	I B. Tech - II Semester
85.	DEVENDRA YADAV	17121A01A5	I B. Tech - II Semester
86.	THUMMALA BHARGAVI	17121A05M0	I B. Tech - II Semester
87.	V GEETHA PRASANNA	17121A05M1	I B. Tech - II Semester
88.	V LOKESH	17121A05M2	I B. Tech - II Semester
89.	VADDI KARTHEEK	17121A05M3	I B. Tech - II Semester
90.	BHEEMAGONI ANUSHA	17121A1510	I B. Tech - II Semester
91.	BHEEMAVARAPU BHARGAVI	17121A1511	I B. Tech - II Semester
92.	BALLALA VIGNADHA	17121A0415	I B. Tech - II Semester
93.	TJ JYOTHI PRAKASH	17121A02J1	I B. Tech - II Semester
94.	U DHARANI	17121A02J2	I B. Tech - II Semester
95.	PARVATHA REDDY PAVAN TEJA	17121A1047	I B. Tech - II Semester
96.	PATHALLAPALLI DEEKSHITHA ISWARYA	17121A1048	I B. Tech - II Semester
97.	PENUBALA MONISHA	17121A1049	I B. Tech - II Semester
98.	POREDDY RAVI KUMAR REDDY	17121A1050	I B. Tech - II Semester
99.	POTHIREDDY JAGADEESH	17121A1051	I B. Tech - II Semester
100.	PUCHAKATLA SUNEEL KUMAR	17121A1052	I B. Tech - II Semester
101.	S ANIL KUMAR BHARADWAJ	17121A1056	I B. Tech - II Semester
102.	TIRUPATHI MUNI SUJANI	17121A12A6	I B. Tech - II Semester
103.	TUTA SAI SREE LAKSHMI	17121A12A7	I B. Tech - II Semester
104.	VEERAPURAM LAVANYA	17121A12A8	I B. Tech - II Semester
105.	VELURU MEGHASYAM	17121A12A9	I B. Tech - II Semester
106.	VEMIREDDY THARUN KUMAR REDDY	17121A12B0	I B. Tech - II Semester
107.	Y SRI RAM	17121A12B1	I B. Tech - II Semester
108.	YERRA SANDHYA	17121A12B2	I B. Tech - II Semester

SI. No.	Name of the student	Roll number	Class and Semester
109.	YERRAM SUMANJUSHA REDDY	17121A12B3	I B. Tech - II Semester
110.	MULUGURU NAVEENKUMAR	17121A12B4	I B. Tech - II Semester
111.	MADDANA JAGADEESH	17121A0371	I B. Tech - II Semester
112.	MALA SATISH KUMAR	17121A0372	I B. Tech - II Semester
113.	MALLAKUPPAM THIRUMALESH	17121A0373	I B. Tech - II Semester
114.	MALLELA LOKESH	17121A0374	I B. Tech - II Semester
115.	MALLI RAKESH	17121A0375	I B. Tech - II Semester
116.	MANIGANDAN LOKESH	17121A0376	I B. Tech - II Semester
117.	MANNEPU ARUN KUMAR	17121A0377	I B. Tech - II Semester
118.	MAROTHU RAKESH	17121A0378	I B. Tech - II Semester
119.	MATAM PAVAN KUMAR	17121A0379	I B. Tech - II Semester
120.	MATAMALA KRISHNA VAMSI	17121A0380	I B. Tech - II Semester

HOD

Name of the Faculty:	M.N.Sreedhar
Designation:	Assistant Professor of English
Area of specialization:	Communication skills; Phonetics; Functional grammar
Teaching experience:	23
Academic Qualifications:	M.A(English), M.phil;B.Ed
Domain-id	mnsr18973@ gmail.com

Name of the Faculty:	Dr. B. Anitha
Designation:	Assistant Professor (SL)
Area of specialization:	English Language, English Literature, Personality Development, Soft Skills
Teaching experience:	15 years
Academic Qualifications:	Ph.D

Ph. D

Awarded/Pursuing	Awarded
Name of the University	Sri Venkateswara University
Year of Registration	2009
Year of completion	2016
Specialization	Canadian Literature
Title of Thesis	Portrayal of the Woman in the selected Short Stories of Alice Munro: A Study

Research contributions

International/National Journals	International Journals :08 National Journals :04
International/National Conferences	International Conferences :04 National Conferences :-Nil-

Research projects

Submitted	-Nil-
Sanctioned	-Nil-
Ongoing	-Nil-
Research Supervisor/Reviewer/ Session Chair etc.,	01
Certification Programs	03
Membership	01
Domain-id	anitha.b@vidyanikethan.edu

sree vidyanikethan engineering
College (Autonomous)
Sree Sainath Nagar, A. Rangampet – 517 102

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES

Course Description:

Training on Critical Thinking:

This course will improve the ability to think clearly, rationally and engage students in reflective and independent thinking. This course helps students not to accept anything blindly and help them to take sound judgment, take decisions wisely and continue the tendency of curiosity. This course breaks the students' shackles of heredity and environment conditions. This course also raises the standards of analyzing and assessing one's own thinking by improving the quality of thinking process. Critical thinking will not take sides and move away from rote learning, fixed assumptions and conventional thinking.

This course helps students to understand the relevance of ideas and connect them logically and solve problems in a creative way. This course promotes creativity among the students

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SREE
VIDYANIKETHAN
Engineering College

Department of Basic Sciences & Humanities

Certificate

This is to certify that A.VINAY of Sree Vidyanikethan Engineering College has successfully attended the "Training on CRITICAL THINKING" from 22-01-2018 to 07-02-2018 organised by Department of BS&H, Sree Vidyanikethan Engineering College, Tirupati.

Dr.A.V.M.PRASAD

HEAD OF THE DEPARTMENT

Dr.P.C.KRISHNAMACHARI

PRINCIPAL