

## ABOUT SRI VASAVI ENGINEERING COLLEGE

Sri Vasavi Engineering College (SVEC), established in the year 2001, is a premier educational institution where Nature and Technology merge in harmony. The institution offers 5 Undergraduate programs and 6 Postgraduate programs. With lofty objectives in perception and deft planning in execution, the institution has secured a respectful position among the highly acclaimed engineering colleges in Andhra Pradesh.

Self-sufficient in ambience and infrastructure, the institution places special emphasis on communication skills, professional work culture and technical competence of the students.

SVEC is approved by AICTE, New Delhi and Accredited by NAAC with "A" Grade. In the Year 2018 the college has attained Autonomous status.

The college is an Institutional Member of ISTE, CSI and it also has IETE and CSI student chapters.

## ABOUT EEE DEPARTMENT

The department was established in the year 2002 and accredited by NBA. The three "E" s stand for Excellence, Expertise and Efficiency of this department. The cardinal priority is to expose the students for real time experience and help them to learn the true functional elements of ELECTRICAL & ELECTRONICS. In its journey of 16 years, it has put many assiduous efforts in providing such training to the students.

Although electrical engineering is a field of engineering that generally deals with the study and application of electricity, electronics, and electromagnetism. Our department has made enormous efforts to give an extra mileage to the students by training them on software design and hardware-software integration so as to create more space for them in the job market.

## ORGANIZING COMMITTEE

### Chief Patrons

Sri G. Satyanarayana,  
President, SVEC  
Sri Ch. V. V. Subba Rao  
Secretary & Correspondent, SVEC

### Chairman

Dr. Guduru. VNSR. Ratnakara Rao  
Principal, SVEC

### Convener

Dr. Sudha Rani Donepudi  
Assoc. Professor, EEE Dept., SVEC

### Advisory Committee

Dr. J. Sri Hari Rao, Director  
Dr. Ch. Rambabu, Prof. & HOD, Dean (SA)  
Dr. P. V. V. Rama Rao, Prof. & Dean (R&D)

### Organizing Members

1. U. Chandra Rao, Sr. Asst. Professor
2. N. Sri Harish, Asst. Professor
3. Ch. V.S.R. Gopala Krishna, Asst. Prof.
4. K.V. Bhargav, Asst. Professor
5. A. Jamalaiah, Asst. Professor
6. K. Ramesh Babu, Asst. Professor
7. G. Anand Kumar, Asst. Professor
8. P.S.V.N. Sudhakar, Asst. Professor
9. K. Venkata Reddy, Asst. Professor



A Two Day Hands-on Training on  
"Scilab – An Academic & Research  
Perspective"

16<sup>th</sup> & 17<sup>th</sup> November, 2018



### ORGANIZED BY

DEPARTMENT OF  
ELECTRICAL & ELECTRONICS ENGINEERING  
(Accredited by NBA)  
In association with  
Andhra Pradesh State Skill Development  
Corporation (APSSDC)



**Sri Vasavi Engineering College**  
(AUTONOMOUS)

Pedatadepalli, Tadepalligudem, W.G. Dist., - 534101, A.P.  
Permanently Affiliated to JNTUK, Kakinada  
Accredited by NAAC with 'A' Grade.

## ABOUT APSSDC

APSSDC is a unique organization formed as a public private partnership (PPP) corporation to promote skill-development & entrepreneurship in the state of Andhra Pradesh. The Corporation now serves as the Executive Agency for the newly formed Department of Skill Development, Entrepreneurship and Innovation. APSSDC will also serve the important task of providing high quality skilled manpower as part of the acknowledge and Skills Mission of GoAP, which is one of the cross-cutting missions among the seven missions formed by the govt to facilitate double digit growth of the state.

## ABOUT SCILAB

The Scilab is free and open source software for numerical computation providing a powerful computing environment for engineering and scientific applications. Scilab includes hundreds of mathematical functions. It is a high level programming language allowing access to advanced data structures, 2-D and 3-D graphical functions, it has ability to interconnect with third party technologies and applications. It can also act as a unique platform to bring together codes written in different programming languages in a single, unified language, thus facilitating their distribution, back-up and use.

## Topics to be covered

- Scilab Installation and orientation
- Introduction to Scilab Programming
- 2D and 3D plots
- Matrices and Vectors
- Introduction to Useful Scilab Functions
- Differential Calculus and Integration with Scilab
- Linear Algebra with Scilab

- Interpolation with Scilab
- Introduction to Xcos
- An Example Diagram Design

## Outcomes of the Program

By the end the training session, the participants must be able to

- Understand the usage of software
- Use Scilab for teaching and laboratory purpose
- Solve different engineering problems

## KEY DATES

Last Date for Receiving Application:  
14-11-2018

Confirmation of Participation:  
15-11-2018

Commencement of the Program:  
16-11-2018

## ELIGIBILITY:

The programme is open to the faculty of engineering colleges, Research Scholars and PG Students from EEE in Andhra Pradesh.

**“No Registration Fee”**

## ADDRESS FOR CORRESPONDENCE

*Dr. Sudha Rani Donepudi*  
*Assoc. Professor & Convener*  
*Department of Electrical Engineering*  
*Sri Vasavi Engineering College*  
*Tadepalligudem-534101, A.P*  
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*A Two Day Hands-on Training on*

**“Scilab – An Academic & Research Perceptive”**

16<sup>th</sup> & 17<sup>th</sup>, November 2018

## REGISTRATION FORM

Name:.....

Designation:.....

Organization:.....

Official Address .....

.....

.....

Mobile/Telephone:.....

Email:.....

## Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the training program and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:

Date:

Signature of the applicant

## CERTIFICATE FROM SPONSORING AUTHORITY

Dr/Mr/Ms.....is an employee of our Institute/Organization and is hereby sponsored to participate in A Two Day Hands-on Training on “Scilab – An Academic & Research Perspective” conducted by Dept. of EEE, SVEC in association with APSSDC during **16<sup>th</sup> – 17<sup>th</sup> November, 2018** at Sri Vasavi Engineering College, Tadepalligudem.

Place:

Date:

Signature of Head of Institution  
(With seal)