

Registration form

Name: _____

Designation: _____

Institution & Department: _____

Address: _____

Qualifications: _____

Experience in years: Teaching: _____

Research: _____

Age: _____ Sex: Male/Female

Telephone No. _____

Email: _____

Signature of the Candidate _____

Signature of the Head of the Institution _____

Or use the below Google Form.

URL:

<https://forms.gle/PHARGo38Vg7cUcwH9>

Note:

- **No Registration Fee**
- **Seats are limited and filled in first come first serve basis.**
- **Attendance is mandatory for all the sessions to get the participation certificate.**
- **Attendees should have Laptops/PC for hands-on sessions.**

Chief Patron

Sri N. Venkateswarlu

President, Siddhartha Academy of General & Technical Education (SAGTE)

Patrons

Sri P. Lakshmana Rao

Secretary, SAGTE

Sri M. Rajaiah

Vice-President, SAGTE & Convener,
V R Siddhartha Engineering College

College Advisory Committee

Dr A V Ratna Prasad, Principal

Dr B Pandu Ranga Rao, Dean, Student Affairs

Convener:

Dr. D. Venkata Rao

Professor & Head, Department of ECE

Co-Ordinators:

Dr. Venkata Sainath Gupta T.

Asst. Professor, Department of ECE
Email: sainathgupta@vrsiddhartha.ac.in

Dr. K. Shri Ramtej

Asst. Professor, Department of ECE
Email: shriramtej@gmail.com

**ONLINE STTP
ON**

**“OPEN SOURCE TOOLS FOR
EFFICIENT RESEARCH
(LATEX, SCILAB, PYTHON)”**

**Organized by
Department of
ECE**



20th – 24th December, 2021

**Velagapudi Ramakrishna
Siddhartha Engineering College**

Autonomous, NAAC A+, Affiliated to JNTUK

(Sponsored by Siddhartha Academy of General
& Technical Education)

Vijayawada-520007

Andhra Pradesh

www.vrsiddhartha.ac.in

About the College:

Velagapudi Ramakrishna Siddhartha Engineering College (VRSEC) was established in 1977 as the first self-financed engineering college in the composite state of Andhra Pradesh. It is located in 24 acres of land at a distance of about 6 Kms from Vijayawada. Currently, the college offers 08 undergraduate programmes and eleven Post graduate programmes including MCA&MBA. VRSEC got recognitions from various accreditation bodies such as National Assessment and Accreditation Council (NAAC) with A+, National Institute Ranking Framework (NIRF) with 178, Atal Ranking of Institutions on Innovation Achievements (ARIIA) – Band A (6-25 rank), AICTE Margadarshan - Sharing and Mentor Institute, one of the institutions run by Siddhartha Academy of General and Technical Education Recognized as 'Scientific & Industrial Research organization (SIRO)- DSIR, Govt. of India.

The institute has 05 Centers of Excellence, Excellence Centres & 11 industry collaborative labs including Siemens Center of Excellence & CM Skill Excellence centre. Currently, the institute is having 330 dedicated and competent faculty with strong inculcation towards teaching and learning in line with Washington Accord (USA) on OBE and on the research.

About ECE Department:

The department of ECE offer B.Tech programmes in Engineering and M.Tech Programme in Communication and VLSI specializations. The B.Tech program was

accredited by NBA of AICTE in 2005, 2008, 2015 and 2018. The M.Tech programs were accredited by NBA in 2015. The department has a team of highly qualified senior faculty with specializations in core areas of respective Engineering disciplines such as Antennas, Image Processing, Signal processing, ANN, RF & MW. Faculty strength of the department is 45+ and intake is 200+ students for UG and 30+ for PG programmes.

About the Training:

In this era of research, many of us work on multiple software to implement our work, format the results and for creating the documents. The softwares/tools we use are mostly proprietary and requires to purchase licenses. In this online training, we try to give you a thorough understanding of three important tools which acts as an alternative to proprietary software and at the same time also helps in efficient research.

LaTeX: It helps in producing best quality documents. In this training program, we will explore the basics of LaTeX and also see how to prepare various types of documents using LaTeX.

SCILAB: This is open source version of MATLAB and helps in creating as efficient programs as that of MATLAB. We will try to explore the similarities and try to understand various types of applications of SCILAB

Python: No need to introduce as it is the buzzword for every person who is involved with coding

Speakers:

- ❖ **Dr. V. Siva Prasad**
Assistant Professor, IIIT Kurnool, Andhra Pradesh
- ❖ **Dr Ch. Naveen**
Asst. Professor, VIT-Amaravati, Andhra Pradesh
- ❖ **Dr. Saurav Gupta**
Asst. Professor, VIT-Chennai, Andhra Pradesh
- ❖ **Dr. Venkata Sainath Gupta T.**
Asst. Professor, ECE, VR Siddhartha Engg. College.

Target Audience:

Faculty, Research Scholars, PG Students of any department

Main Contents Covered:

- ❖ Introduction to LaTeX
- ❖ Article and Report Writing
- ❖ Bibliography (Managing references)
- ❖ Preparing sample IEEE paper
- ❖ Introduction to SCILAB, XCOS
- ❖ Writing programs and debugging on SCILAB
- ❖ Introduction to python
- ❖ Libraries and datatypes in python
- ❖ Machine learning using python

*All the Theory and Hands-on sessions are conducted using **Google meet***