



### About The College

Sree Vidyanikethan Engineering College was established in 1996 with an initial intake of 180 students to serve the cause of technical education in the backward region of Rayalaseema. The intake has increased exponentially to 2106 in 2020-21. The College now offers 15 B.Tech programs; 4 M.Tech programs; MCA Program; and 3 Doctoral Programs. AICTE has also accorded permission for 2nd Shift Polytechnic from the academic year 2009-10 and presently 5 Diploma courses are being offered. Today, Sree Vidyanikethan Engineering College is one of the largest, most admired and sought-after Institutions in Andhra Pradesh. The College is located in a sprawling campus of about 30 acres, amidst sylvan surroundings with aesthetically built infrastructure. The College is approved by AICTE and affiliated to JNTU Ananthapuramu. The College has been accorded Autonomous Status by the UGC, New Delhi since 2010-11.

The College is known for its quality initiatives which is amply reflected in accreditations by National Board of Accreditation (NBA) for UG & PG programmes National Assessment and Accreditation Council (NAAC) with 'A' Grade and many multinational organizations such as TCS, WIPRO & IBM. The College successfully completed TEQIP-II under Sub-component 1.1: Strengthening Institutions to improve Learning Outcomes and Employability of Graduates, funded by the Ministry of HRD, Govt. of India.

### Location:

15 km from the temple town of Tirupati on Tirupati - Madanapalle National Highway No.205.

### Courses offered:

The college offers B. Tech Programs in CSE, CSSE, IT, CSE (AI), CSE (DS), CSBS, CSE (CS), CSE (AI & ML), CSD, ECE, CIVIL, Mech, EEE and EIE. The college also offers M. Tech. in VLSI, Computer Science, Electrical Power Systems and Power Electronics and Drives & MCA along with PhD programs in ECE, EEE & CS.

### About Faculty Development Programme:

The Programme main aims at providing basic concepts and techniques of Machine Learning by using Python and to gain experience of doing independent research in various problems by making predictions for analyzing the trends to achieve solutions.

### Course Contents

This program will focus on Machine Learning by Using Python. The major topics to be covered are:

- ✓ Overview of exploratory Data Analysis with Python Libraries
- ✓ Introduction to Machine Learning
- ✓ Supervised Machine learning
- ✓ Regression Models
- ✓ Classification Models
- ✓ Unsupervised Machine learning
- ✓ Clustering Models
- ✓ Dimensionality Reduction etc.,

### Course Objectives:

- ✓ To gain knowledge in Python by Machine Learning Algorithms.
- ✓ To analyze various Machine Learning Algorithms and its applications by using Python to solve real time problems.

### Resource Persons:

The resource persons are team members from APSSDC.

### Eligibility:

Faculty members from AICTE recognized Engineering Colleges of B.Tech. EEE/ ECE/ EIE/ CSE/ CSSE/ IT/ ME/ CE Engineering Disciplines

### Registration Fee: Nil

### Registration Link:

<https://forms.gle/M2gKqa1r6W92LaP59>

### Event Dates:

**11<sup>th</sup> October to 12<sup>th</sup> October, 2021**

### Important Information:

- ✓ Interested candidates shall submit the duly filled-in Registration Form via e-mail.
- ✓ The applications will be short listed on first come first serve basis and the candidates would be intimated through e-mail only.
- ✓ Certificates will be issued to those faculty who attend all the sessions.



### REGISTRATION FORM

**Two Day Online Faculty Development Programme**  
**on**  
**“Machine Learning Using Python”**  
**11<sup>th</sup> to 12<sup>th</sup> October, 2021**

1. Full Name: .....
2. Designation: .....
3. Qualification: .....
4. Department: .....
5. Organization: .....
6. Contact No.: .....
7. Email ID: .....
8. Address for Communication

.....  
.....  
.....

*Signature of Applicant*

*Signature of the Sponsoring Authority  
with seal*

#### Chief Patrons

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

#### Advisors

**Prof. L. Venugopal Reddy,**  
Advisor cum Director, SVET  
**Dr. P. Giridhara Reddy,**  
Director (Academics & Research), SVEC  
**Dr. B. M. Satish,**  
Principal, SVEC

**Dr. T. Nageswara Prasad,**  
Vice Principal, SVEC

**Dr. P. Venkataramana,**  
Dean-Academics, SVEC

**Dr. B. Raveendra Babu,**  
Dean, Computer Sciences, SVEC

**Head of the Department**  
**Dr. A. Balasubramani,**  
Professor & Head, CSSE, SVEC

**Convener**  
**Mr. P. Lakshmi Sagar**  
Assistant Professor, CSSE  
**Co-Convener**  
**Ms. K. Pujitha**  
Assistant Professor, CSSE

**For further details contact:**  
**Conveners**

**Department of CSSE, SVEC**  
Mobile: 9247569278 / 9441497662  
e-mail: lakshmisagar.p@vidyanikethan.edu,  
pujitha.k@vidyanikethan.edu

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*Organized by*  
**Department of**  
**Computer Science and Systems**  
**Engineering**  
**In Association with**  
**APSSDC**



**Convener**  
**Mr. P. Lakshmi Sagar**  
Assistant Professor, CSSE  
**Co-Convener**  
**Ms. K. Pujitha**  
Assistant Professor, CSSE



**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
**(Autonomous)**  
**www.vidyanikethan.edu**  
**Sree Sainath Nagar, A. Rangampet – 517 102**  
**Near Tirupati, Chittoor Dist. A.P.**  
**Ph: 0877 - 2236711 (4 lines) Ext. 436**