

# Registration Form

## Registration:

- No registration fee.
- Filled in Registration form is to be submitted to the co-ordinators on or before 08-11-2019

## Important Dates:

- Registration closes by : **November 8<sup>th</sup>, 2019**
- Program Dates : **November 11<sup>th</sup> to 16<sup>th</sup> 2019**

## General Information:

- The number of participants is limited to 40. Selection will be on first come first served basis.
- Certificate will be provided for each participant after successful completion of the course by **APSSDC**

## Chief Patrons

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

## Patron

Prof. L. Venugopal Reddy  
Advisor cum Director, SVET

## Advisors

Dr. P. C. Krishnamachary,  
Principal, SVEC  
Dr. T. Lazar Mathew,  
Research Advisor, SVET  
Dr. D. V. S. Bhagavanulu,  
Director, SVEC  
Dr. I. Sudarsan Kumar,  
Director(Q&D), SVET

## Convener

Dr. K. Ramani  
HOD, IT

## Co-ordinators

Dr. K. Khaja Baseer, Associate Professor  
Mr. Ch. Sreenu Babu, Assistant Professor


## contact

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Mr. Ch. Sreenu Babu Assistant Professor  
Department of Information Technology  
Mobile : +91 99636 74617

## SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)

(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)  
Sree Sainath Nagar, Tirupati - 517 102 (A.P)  
Ph: +(91) 877-2236711-14 Fax:0877-2236717  
www.svec.education

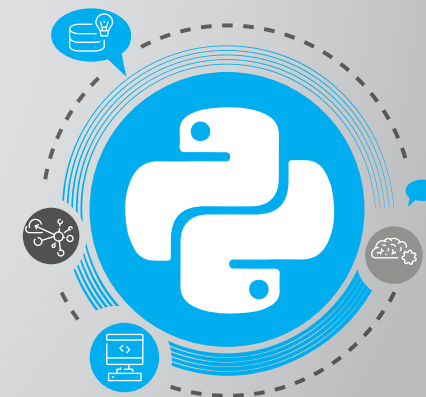
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## One Week Faculty Development Programme On

## “MACHINE LEARNING USING PYTHON PROGRAMMING”

(11-16 NOVEMBER, 2019)



Organized by  
**Department Of Information Technology**

## SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)

(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)  
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www.svec.education

## College Profile:

Sree Vidyanikethan Engineering College (Autonomous) was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned Film Artiste and Former Member of Parliament (Rajya Sabha). The College was established in the backward region of Rayalaseema to serve the cause of technical education with an initial intake of 180. The intake has been increased exponentially to 2112 in 2019-20. The College now offers 8 B.Tech programs; 8 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 approved by AICTE and affiliated to JNTUA, Ananthapuramu. The College has been accorded Autonomous Status by the UGC, New Delhi in 2010-11 which was extended for six years (from 2016-17 to 2021-22).

The College is known for its quality initiatives which are amply reflected in accreditations by National Board of Accreditation (NBA) for UG & PG programs, National Assessment and Accreditation Council (NAAC) with 'A' Grade as one of the best performing institutions in India. The College has successfully implemented 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. The College has been accorded "UGC-Colleges with Potential for Excellence" status under CPE Scheme by UGC, New Delhi. It also has been accorded 'PLATINUM' category by CII-AICTE Survey; and was conferred with 'A' Grade by Department of Higher Education, Andhra Pradesh. The college participated in National Institution Ranking Frame Work (NIRF), 2019 and awarded the rank of 167. SIEMENS and APSSDC has established 6 State-of-the art laboratories.

## Location:

The Institution is located 16KM from the temple town of Tirupati on Tirupati – Madanapalle National Highway 205.

<https://goo.gl/maps/SxeqCCprSuMpkTME7>

KINDLY SCAN QR CODE FOR LOCATION



## Courses offered:

The college offers B.Tech programs in CSE, IT, EEE, ECE, EIE, CSSE, Civil and Mechanical. The college also offers MCA and M.Tech in CS, CNIS, SE, EPS, DECS, VLSI, PED and Communication Systems.

## Center for Data Analytics Research:

Data Analytics Research center was inaugurated on 19th March, 2018 for the benefit of UG, PG students, Research scholars and faculty members of SVEC, Tirupati. Data Analytics tools converts data into actionable decisions and creates innovative solutions that touch the lives of people in positive ways. The center is equipped with Data Analytics and Cloud Computing software such as R-Studio, Weka, Rapidminer,

Matlab, Python and Meghdoot Cloud by C-DAC, Chennai. The Centre motivates the research activity in the fields of Cloud computing and Data Science. The center provides the infrastructure facilities required to carry out research work in the domains of cloud computing and Data science by students, scholars and faculty.

## About Tirupati:

Tirupati city is famous for Sri Venkateswara Swamy temple located about 15 kilometers North West of Tirupati in Tirumala hills at an elevation of 853 meters (2,799 ft). It is one of the most important pilgrimage centres in the World and the temple draws millions of pilgrims across the world. Also, the city is a major economic and educational hub in the southern region of the state

## About Department:

The Department of Information Technology was established in the year 1997 with an intake of 30 in B.Tech (IT) program. The intake has been increased to 60 during the year 1998-1999 and further increased to 120 during the year 2000-2001.

The department offers M.Tech Program in Software Engineering from the academic year 2009-10. The Department is headed by Dr. K. Ramani, who has 21 years of teaching experience and is supported by well qualified faculty.

## Objectives:

- To explore different online platforms of Python
- To explore the concepts of machine learning
- To provide hands on Training statistical & visual tools of Python
- To understand preprocessing techniques of data using Python libraries.
- To explore the concepts of supervised & unsupervised techniques using Python

## Resource Persons:

- Resource Persons from APSSDC

## Topics to be Covered:

- Introduction to Jupyter Notebook Intro, Colab, Azure Notebooks, Kaggle.
- Advanced libraries in Python.
- Advanced concepts of Statistics.
- Introduction to the concepts of Machine Learning, Supervised Learning, Unsupervised Learning, Reinforcement Learning.
- Programming the concepts of supervised learning with the help of Linear Regression, Lasso, Ridge Regression, Stochastic Gradient Descent.
- Programming the concepts of Unsupervised Learning: Clustering, KMeans, Gaussian Mixture Model.
- Data Cleaning: Imputation, Outlier detection and removal.
- RFM Analysis.

## Eligibility:

- Faculty from AICTE affiliated institutions

# SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)

SREE SAINATH NAGAR, TIRUPATI - 517 102 (A.P.)



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(11-16 NOVEMBER, 2019)

## REGISTRATION FORM

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Qualification: \_\_\_\_\_

Department: \_\_\_\_\_

Institution: \_\_\_\_\_

Address for Communication: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Place \_\_\_\_\_

Date \_\_\_\_\_

Signature of the Participant

Signature of Principal/HOD