

# Registration Form

## General Information:

- No registration fee.
- Registration through ATAL portal  
(URL: <https://atalacademy.aicte-india.org/>)
- Certificate will be provided for each participant after satisfying the requirements of FDP.

## Chief Patrons

**Dr. M. Mohan Babu**, Chairman, SVET

**Sri. Vishnu Manchu**, CEO, SVET

## Patron

Prof. L. Venugopal Reddy, Advisor cum Director, SVET

## Advisors

Dr. B. M. Satish, Principal, SVEC

Dr. P. Giridhara Reddy, Director, SVEC

## Convener

Dr. K. Ramani, Professor & HOD, IT

## Coordinators

Dr. V. Jyothsna, Associate Professor Dept of IT

## Organizing Committee

Faculty of Information Technology

## Resource Persons

Resource persons are invited from reputed industries and institutions.

## Eligibility:

Participants must be Faculty of AICTE approved institutions  
Research or PG Scholars/Industry.

## Address For Correspondence:

The Coordinator Department of Information Technology

**SREE VIDYANIKETHAN ENGINEERING COLLEGE**

(AUTONOMOUS)

Sree Sainath Nagar, Tirupati-517102, A.P., INDIA

## Contact

**Dr. V. Jyothsna**, M.Tech., Ph.D.

Associate Professor of IT

**SREE VIDYANIKETHAN ENGINEERING COLLEGE**  
(Autonomous)

Sree Sainath Nagar, Tirupati - 517 102 (A.P)

(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu)

Sree Sainath Nagar, Tirupati - 517 102 (A.P)

Ph: +(91) 098853514581 / 09110367868

e-Mail id.: jyothsna.v@Vidyanikethan.edu

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**AICTE TRAINING AND LEARNING  
(ATAL) SPONSORED**

**One Week Faculty Development Programme on**

**SOCIAL AND BIO-INSPIRED  
CYBER THREAT  
INTELLIGENCE DEFENSE SYSTEMS**

**(August 23<sup>rd</sup> - 27<sup>th</sup>, 2021)**



**Organized by**

**Department of Information Technology &  
Data Analytics Research Center**

**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](http://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 2382 from the year 2021-22.

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 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), 2020 and awarded the rank of 184. SIEMENS and APSSDC has established 6 State-of-the art laboratories.

### Route:

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

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

KINDLY SCAN QR CODE FOR LOCATION



### Courses offered:

The college offers B. Tech Programs in CSE, CSSE, IT, CSE (AI), CSE (DS), CSBS, CSE (Cyber Security), CSE (AI & ML), Computer Science and Design, CSE (IoT), ECE, CE, ME, EEE and EIE. The college also offers M. Tech. in VLSI, Computer Science, Electrical Power Systems and Power Electronics and Drives & MCA along with Ph.D programs in ECE, EEE & CSE.

### About Department of IT:

The Department of Information Technology (IT) 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 also offers B.Tech in Computer Science and Design and B. Tech in Computer Science and Engineering (IoT) Programs from the academic year 2021-22. The Department is headed by Dr. K. Ramani, who has 22 years of teaching experience and is supported by well qualified faculty.

### About FDP:

Today's world's societies are becoming more and more dependent on open networks such as the Internet – where commercial activities, business transactions and government services are realized. This has led to the fast development of new cyber threats and numerous information security issues which are exploited by cyber criminals. The inability to provide trusted secure services in contemporary computer network technologies has a tremendous socio-economic impact on global enterprises as well as individuals.

From 2012 to 2018, there were over 90 thousand cyber crime incidents registered across India. Of these, over 27 thousand cases were registered in 2018 alone, marking an increase of more than 121 percent since 2016. In 2019, the information technology and services sector in India had the highest share of expenditure towards cyber security. It was estimated that the sector's cyber security expenses would grow at a rate of 18 percent between 2019 and 2022. The banking, financial services and insurance sector came second with a 16.1 percent growth rate of cyber security expenses in the given time period. These threats require diverse knowledge of a wide variety of technologies, configurations, and environments.

The aim objective of this programme is to bring together the research accomplishments provided in the field of digital forensics and to explore the developed and deployed tools and techniques for cyber resilience, cyber security, protecting the cyber infrastructure, cyber forensic and cyber crimes. This programme also enumerates the significance of nature-inspired and social-inspired solutions leading to self-secure and self-defending systems.

### Outcomes of FDP:

Gain enhanced knowledge on significant theories, technology enablers, applications and devise new methods to overcome the major problems in cyber security.

Enhance skills for designing of cloud and cybermatics and the implementation of their applications, protocols and Cyber security mechanisms to manage and control at different scales of systems, from local to global.

Acquire practical skills on latest tools and technologies and applications to combat security issues in Internet, Clouds, and IoT and cyber physical and social systems.

### Topics to be Covered:

- Introduction to Cyber security
- Trends in Cyber security
- Cyber Resilience
- Cyber Infrastructure
- Cyber Forensics
- Cyber Crime
- Nature-inspired and Bio-inspired Cyber- defense
- Social-inspired opportunistic mobile Cyber- systems

## SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)

Sree sainath nagar, Tirupati - 517 102 (A.P)



AICTE TRAINING AND LEARNING (ATAL) SPONSORED

### One Week Faculty Development Programme on SOCIAL AND BIO-INSPIRED CYBER THREAT INTELLIGENCE DEFENSE SYSTEMS

(August 23<sup>rd</sup> - 27<sup>th</sup>, 2021)

### REGISTRATION FORM

(Use Photostat copies if necessary)

AICTE (UNDER MARGDARSHAN SCHEME FOR SHARE & MEN OR INSTITUTIONS) SPONSORED

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

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

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

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

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

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

\_\_\_\_\_

\_\_\_\_\_

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

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

\_\_\_\_\_

Place \_\_\_\_\_

Date \_\_\_\_\_

Signature of the Participant

Signature of Principal/HOD