

# Registration Form

## Objectives:

- To upgrade the knowledge of academicians, researchers and industry professionals in Pattern recognition, Video coding and Estimation theory.
- To enhance designing skills in providing hearing aid devices and speech recognition systems.
- To enable the faculty members to introspect and learn research techniques that can help to meet the challenges of industry in the areas of Image and biomedical signal Processing.
- To provide an opportunity to interact with experts from academia and industry people in the fields of speech and video processing.
- To give insights to update the Curriculum in the domains of signal, Image and video Processing.

## Resource persons:

The resource persons constitutes of Academicians from premier institutions like IITs, IIITs, NITs, experts from Industry and scientists from National Laboratories.

## Eligibility Criteria :

- Faculty from AICTE affiliated institutions
- Research scholars / students
- Industry Professionals

## Registration Fees:

The registration is free for all the participants from AICTE approved institutions. The number of participants is limited to 40 and the selection is based on first come - first serve basis

## Accommodation details:

Accommodation will be provided to the outstation participants subject to the availability. The reimbursement of travel expenses will be made as per AICTE guidelines.

## Important Dates

Registration Open	: 23 <sup>rd</sup> October 2019
Last Date for Registration	: 08 <sup>th</sup> November 2019
Intimation of Acceptance	: 09 <sup>th</sup> November 2019

## Contact

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## 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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**AICTE Sponsored One week**

## SHORT TERM TRAINING PROGRAMME ON

**"CHALLENGES AND RESEARCH  
AVENUES IN SIGNAL AND IMAGE PROCESSING"**

**(11-16 NOVEMBER, 2019)**



Organized by

**Department of Electronics and Communication Engineering  
[Centre for Communication and Signal Processing]**

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## 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.

## Courses Offered:

The college offers B. Tech Programs in ECE, CSE, IT, EEE, EIE, CSSE, Civil, MECH. The college also offers M. Tech. in DECS, VLSI, CMS, CS, CNIS, SE, EPS, PED & MCA along with PhD programs in ECE, EEE & CS.

## 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.

## 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



## About the Program

Research and development in signal and image processing encompasses practice of algorithms and hardware implementation to convert signals such as speech, audio, images, video, telemetry, electrocardiograms, sensor data, or seismic data which are produced by artificial or natural means into a form useful for transmission, display, storage, interpretation, classification, segmentation, or diagnosis.

Current research in digital signal and Image processing includes robust and low complexity filter design, signal reconstruction, filter bank theory, wavelets and evaluation of performance metrics.

This program focuses on developing algorithms in Image, video and Biomedical signal Processing which includes Image-restoration, compression, quality evaluation; Video- compression, analysis, processing and medical imaging. It also aims at learning various tools necessary to acquire and process accurate information in the above mentioned fields.

## About the Department

The department of ECE was started in 1996, from the inception of the College. The Department has a team of highly motivated and dedicated faculty to the cause of academics and striving to do the best in the interest of the students.

The Department of Electronics and Communication Engineering offers an Undergraduate program in Electronics and Communication Engineering, three Postgraduate programs in DECS, VLSI, CMS specializations and Ph.D program. The Department has been recognized as research centre by JNTUA, Anantapuramu. The Department has full time Ph.D Scholars and JRFs. In addition, the department has Research Laboratories like National MEMS Design Centre, Antenna Research Lab and Nanoelectronics Lab. The Department is undertaking research projects from DST, AICTE, ISRO, INUP etc.,

## Centre for Communication and Signal processing

The Centre for Communication and Signal Processing promotes research culture and engage projects in domain independently or in collaboration with researchers and academic scholars. The Centre intends to connect the faculty members with the leading research experts in the fields of Communication & Signal Processing to enhance the research capacity, foster a research culture, and promote research activities. The faculty members under this cluster are working in the areas of antennas, wireless communications, machine learning, signal, image and video processing.

## Chief Patrons

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

## Patron

Dr. P. C. Krishnamachary, Principal, SVEC

## Advisors

Dr.T. Lazar Mathew, Research Advisor, SVET  
Dr.D.V.S. Bhagavanulu, Director, SVEC  
Dr. I. Sudarsan Kumar, Director(Q&D), SVET  
Dr. P. V. Ramana, Professor & Head of ECE, SVEC

## Co-ordinator

Dr.D. Leela Rani, Professor,ECE,SVEC

## Co-ordinators

Dr.T.V.S. Gowtham Prasad, Assoc. Professor, ECE  
Mr.T.Ravi Kumar Naidu, Asst. Prof., ECE

## Organizing Secretaries

Dr. V.R. Anitha, Professor, ECE  
Dr. N. Padmaja, Professor, ECE  
Dr. P.Geetha, Assoc.Professor, ECE  
Dr. N. Vithyalakshmi, Assoc.Professor, ECE

## Organizing Members

Mr. K. S. Chakradhar, Assoc. Professor, ECE  
Mr. R. Nagendra, Asst. Prof.(SL), ECE  
Dr. B. Senthil Kumar, Assoc. Professor, ECE  
Dr. C. Venkataramanan, Assoc. Professor, ECE  
Dr. V. V. Satyanarayana Tallapragada, Assoc. Professor, ECE  
Dr. N. Ashok Kumar, Assoc. Professor, ECE  
Dr. P. Nagarajan, Assoc. Professor, ECE  
Dr. G. Arul Elango, Assoc. Professor, ECE  
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Dr. Om Prakash Yadav, Assoc. Professor, ECE  
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Mr. Sk. Mahaboob Basha, Asst. Prof. ECE  
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Ms. K. Sudha, Asst. Prof. ECE  
Mr. M. Naresh Babu, Asst. Prof. ECE  
Mr. G. Guru Prasad, Asst. Prof. ECE  
Ms. V. Mounika Reddy, Asst. Prof. ECE  
Mr. M. Venkatanaresh, Asst. Prof. ECE

- And All The Other Faculty Members Of ECE Department

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## “CHALLENGES AND RESEARCH AVENUES IN SIGNAL AND IMAGE PROCESSING”

**(11-16 NOVEMBER, 2019)**

## REGISTRATION FORM

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

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

Industry/Academia: \_\_\_\_\_

Organization: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

Pin Code: \_\_\_\_\_

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

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

Is the Institution approved by AICTE? (Yes/No):

Accommodation required? (Yes/No):

## Declaration by Applicant

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations of the programme. If selected, I shall attend the workshop for the entire duration.

Place \_\_\_\_\_

Date \_\_\_\_\_

Applicant's Signature

Signature of the Head of organization  
Sponsoring Authority  
(for sponsored candidates)