#### **Chief Patron**

Dr. M. Mohan Babu, Chairman, SVET

Mr. Vishnu Manchu, CEO, SVET

#### **Advisors**

Dr. P. C. Krishnamachary, Principal, SVEC.

Dr. DVS Bhagavanulu, Director, SVEC & SVDC

Dr. I. Sudarshan Kumar, Director (Q&D), SVEI

Dr. V. V. Rama Prasad, Dean Academics, SVEC

Dr. B. Narendra Kumar Rao, HOD, CSE, SVEC

#### Coordinator

Dr. G. Sunitha, Professor & BoS Chairperson, CSE, SVEC

#### **Co-Coordinators**

Dr. J. Avanija, Associate Professor, CSE, SVEC

Mr. K. Jeevan Pradeep, Assistant Professor, CSE, SVEC

#### **Resource Persons:**

#### Dr. Bala Ramadurai

Professor NPTEL, Co-founder TRIZ Innovation India, Adjunct Professor at Symbiosis Institute of Business Management, Pune.

### Dr. Shankar Venugopal

VP, Innovation & Dean, Mahindra Technical Academy.

#### Prof. Prasanna Halbe

Professor & Head, Industrial Design, Symbiosis Institute of Design, Pune.

#### Prof. Anoop Saxena

National Institute of Design, Bangalore.

#### Dr. P. Chenna Reddy

Director, Skill Development Center and Innovation Centre, JNTUA, Ananthapuramu.

#### Dr. Noor Mahammad SK

IIITDM, Kancheepuram.

#### Registration:

- The number of participants is limited to 40. Selection will be on first come first serve basis.
- No Registration Fee.
- No TA/DA will be provided.
- Lodging and Boarding will be provided in the college premises on request.
- Authorized registration forms to be mailed to dtfdpsvec@gmail.com by 15.01.2020. Acceptance of registration will be informed by 17.01.2020.

#### Contact

Dr. J. Avanija, Associate Professor, Dept. of CSE, SVEC. Mobile: +91 99423 81897

#### SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)

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# ONE WEEK FACULTY DEVELOPMENT **PROGRAMME** on

# **DESIGN THINKING**

(January 20-25, 2020)



### **JNTUA Sponsored**

(Under The Directorate of Faculty Development & IQAC)



#### Organized by

**Department of Computer Science and Engineering** 

#### SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous)

(Accredited by NBA and NAAC 'A' Grade, Affiliated to JNTUA, Ananthapuramu) Sree Sainath Nagar, Tirupati - 517 102 (A.P)

#### **About the Institution:**

Sree Vidyanikethan Engineering College (SVEC), Tirupati was established in 1996 by Sree Vidyanikethan Educational Trust under the stewardship of Dr. M. Mohan Babu, renowned film artiste, Padma Shri Awardee and former Member of Parliament (Rajya Sabha). The college is approved by AICTE, New Delhi and affiliated to Jawaharlal Nehru Technological University, Anantapur, Anantapuramu, Andhra Pradesh, India, The Institution conferred 'Autonomy' by UGC, New Delhi. The Institution also bestowed with the title 'Colleges with Potential for Excellence' status by UGC, New Delhi under XII Plan period UGC-CPE scheme. The Institution was accredited with 'A' grade by NAAC. The Institution received PLATINUM category in AICTE-CII Survey 2019. In NIRF 2019, Sree Vidyanikethan stands in 167th position among all Engineering Institutions at national level and topped among all the private engineering colleges in Andhra Pradesh. The Institution offers B.Tech Program in 8 disciplines, M.Tech Program in 8 specializations, Ph.D programs in 3 disciplines and MCA. All the eligible programs are accredited by NBA. AICTE also accorded permission for 2nd Shift Polytechnic from the academic year 2009-10 and presently 5 Diploma courses are being offered. The Institution was selected for participation in TEQIP-II under sub-component 1.1: Strengthening Institution to improve learning outcomes and employability of graduates with a grant of Rs. 4 Crores. As one of the best performing Institutions under TEQIP-II an additional fund of Rs. 2 Crores was sanctioned. Institution is recognized as best performing institutions from South Central Zone, by MHRS's Innovation Council for 2018-19. The Institution has MoUs with 30 Industries / Institutions that includes CII Northern Illinois University, University Tenaga Nasional, IITM Chennai, IITB Mumbai, IIT Hyderabad, ISB Hyderabad etc.

#### Location:

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

httpa://goo.gl/maps/SxeqCCprSuMpkTME7 KINDLY SCAN QR CODE FOR LOCATION



## **About the Department:**

Computer Science and Engineering arena has been overlapping all other career verticals, for CSE is the most important bridging resource and an exquisite tool discovery. CSE throws open exclusive yet exciting career offers that are intellectually challenging yet have an exceptional growth scope. Right from addictive games to interesting bioinformatics and robots, CSE is one arena that frequently touch-bases with fields like data security, cloud computing, mobile applications and social networks.

SVEC's CSE Department was established in the year 1996 with a modest intake of 60 into B.Tech (CSE). Gradually the intake of students increased to 120 in the year 2000; 180 in the year 2013 and 240 in the year 2014. SVEC also offers two PG programs M.Tech (Computer Science) with an intake of 36 and M.Tech (Computer Network and Information Security) with an intake of 18.

The CSE Department in SVEC is well equipped all the necessary capabilities to deliver extensive knowledge to the students by conducting Guest Lectures, Expert Lectures, Seminars, Workshops, Add-on courses, technical symposiums/conferences conducted by SVEC as well as other organizations. The part of learning in SVEC comes with a special mentor guiding a batch of 15 students, enhancing academic and career excellence.

#### Courses offered:

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

#### Objectives of the Workshop:

- To enhance knowledge and capabilities in design thinking and make use of design thinking process as a tool to create innovative products.
- To develop skills in various aspects of design thinking process such as user-centric design, collective idea generation methods and practice in modern context.
- To give the participants a hand on experience on the various user understanding and collective idea generation methods practiced in design through team work.
- To create awareness on including design thinking course in the curriculum.

### **Eligibility:**

Research Scholars, Faculty from relevant disciplines of AICTE recognized Engineering colleges.

#### Contents:

- Overview of Design Thinking Process
- Human Centered Design: Methods and Approaches
- Ideate:Generate Ideas and Potential Solutions
- Prototyping, Testing and Validating
- Design Innovation and Business
- Design Thinking Curriculum Design



# SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS) SREE SAINATH NAGAR, TIRUPATI - 517 102 (A.P.)



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(Under The Directorate of Faculty Development & IQAC)

# ONE WEEK FACULTY DEVELOPMENT PROGRAMME on

# **DESIGN THINKING**

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# **REGISTRATION FORM**

Name:	
Designation:	
Qualification:	
Department:	
Institution:	
Phone:	
E-mail:	
Place	
	Date

Signature of the Participant

Signature of the Head of Institution with seal