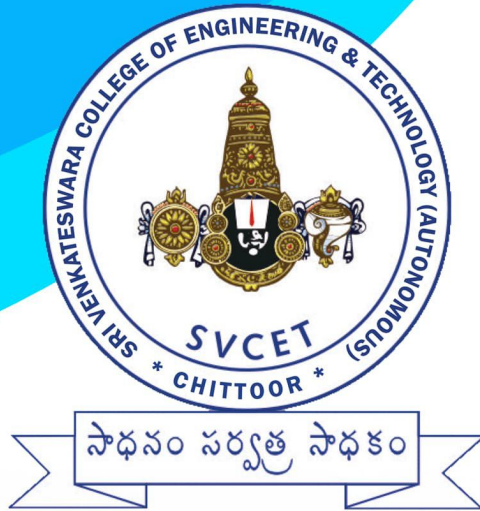


i TECHNOFEST2K18

10th NATIONAL LEVEL STUDENTS
TECHNICAL SYMPOSIUM
28th-29th MARCH, 2018



ORGANIZED BY

SRI VENKATESWARA COLLEGE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

R V S Nagar, Tirupati Road, Chittoor-517127 (AP)
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FaxNo: +91-8572-245211

Accredited by NBA, New Delhi &
NAAC 'A' grade Bengaluru,
Affiliated to JNTUA, Ananthapuramu,
Andhra Pradesh

An ISO 9001-2000 Certified Institution
Recognized by UGC under 12(B) & 2(F)
Approved by AICTE, New Delhi
www.svcetedu.org

ABOUT THE INSTITUTION

Sri Venkateswara College of Engineering & Technology (Autonomous), Chittoor, established in the year 1998, enjoys the reputation as one of the best engineering colleges in Andhra Pradesh. Founded by the far-sighted eminent educationist and philanthropist, Dr. Ravuri Venkataswamy under the auspices of Srinivasa Educational Academy, Chittoor, with a purpose of imparting technical education to the students. The mission of the institute is twofold - to educate and prepare students as dynamic, competent, valued and knowledgeable professionals who shall lead the nation in reaching the forefront of leadership in the field of engineering and technology.

The college is located on National Highway (NH-18) in an area of 42 acres of picturesque land at R.V.S. Nagar, Chittoor, Andhra Pradesh. SVCET is a self-financing autonomous professional college affiliated to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu, recognized by All India Council for Technical Education (AICTE), accredited by National Board of Accreditation (NBA), New Delhi and accredited by National assessment and Accreditation Council (NAAC) Bengaluru with 'A' grade. The Institute is ISO 9001:2001 Certified. The college has attained autonomous status from University Grants Commission (UGC) for six years from the Academic Year 2011-12 onwards. The college has spacious, well designed, adequately furnished and ventilated classrooms which provide ambience to the students for integrated learning practice.

PAPER PRESENTATION (For UG Students):

CIVIL ENGINEERING

- Earthquake Resistant Design of Structures
- Advanced Concrete Technology
- Watershed Management
- Latest technologies in Transportation Engineering
- Latest trends in ground improvement techniques

ELECTRICAL AND ELECTRONICS ENGINEERING

- Power system stability
- Smart grid and Micro Grid
- Power Quality & Facts
- Wind, Solar and Renewable Energy
- Electric Power Distribution and Automation

MECHANICAL ENGINEERING

- Recent developments in IC Engines
- Nano technology/Product development
- Advances in Manufacture technology and Automations in industries
- CAD/CAM/CIM/CFD
- Smart Materials/Composite materials

AUTOMOBILE ENGINEERING

- Recent advances in Automobiles
- Hybrid Vehicle
- Artificial Intelligence
- Recent advances in Automotive Sensors
- Pollution and its control from automotive vehicles

ELECTRONICS AND COMMUNICATION ENGINEERING

- Advanced Digital Signal Processing.
- Image and Video Processing
- Recent trends in Communications
- Robotics and Nanotechnology
- VLSI Design and applications

COMPUTER SCIENCE AND ENGINEERING & INFORMATION TECHNOLOGY

- Cloud Computing.
- Internet of Things
- Wireless sensor Networks
- Big Data & Analytics.
- Network Security.

DEPARTMENT OF HUMANITIES AND SCIENCES

- Role of social media in learning English language.
- Calculus and its applications
- Nano-Materials
- Renewable Energy Sources

POSTER PRESENTATION (Only for I B.Tech Students)

Theme: Latest Trends in Science and Engineering

MODEL EXHIBITION

Models on various topics of respective branch can be presented. Participants have to submit Title, Details of participants and Explanation about model (Description, Size of model, requirements, etc) signed from Head of the Department of their respective college during registration.

PROJECT/ INNOVATIVE IDEA or CONCEPT

- Students pursuing B.Tech can present innovative projects with working prototype.
- Evaluation of the project/ Innovative Idea or Concept will be done by a panel of professors.
- Cash prize will be awarded to the first, second and third places.

SPOT EVENTS

Students can register themselves in different spot events hosted by individual departments at registration desk on 28-03-2018

INSTRUCTIONS TO PARTICIPANTS

PAPER PRESENTATION

- The paper can have a maximum of 2 authors.
- First page should contain title, name of the author(s) and address including email.id and Phone Number. A registration fee of Rs.100/- has to be paid for each author and is allowed to present only one paper.
- Full Paper must be sent before the deadline to e-mail: itechnofest2K18@svcet.in with subject as department name and title of the Paper.
- Papers should be submitted in IEEE format.

POSTER PRESENTATION

- Participants are allowed to present their poster of A2 size (max).
- A registration fee of Rs.200/- has to be paid for one poster with a team of maximum two participants.

MODEL EXHIBITION

- A registration fee of Rs.300/- has to be paid for one model with a maximum of 4 participants.
- Participants have to send the details of their model (Description, Size and Requirements) duly attested by their head of the department through their respective email to itechnofest2K18@svcet.in on or before 24-03-2018.

PROJECT/ INNOVATIVE IDEA or CONCEPT

- Project should be presented with a working prototype. Each project batch may contain maximum of five members.
- Abstract and technical details have to be sent to e-mail: itechnofest2K18@svcet.in with subject as PROJECT/ INNOVATIVE IDEA or CONCEPT- DEPARTMENT NAME and PROJECT TITLE.

- Requirements for the project prototype from the host college have to be sent along with abstract.
- All the details of the project and participants have to be attested by Head of the Department or Institution and original copy has to be submitted at the time of registration on 28-03-2018.

- A registration fee of Rs.400/- has to be paid for each project at the time of registration.
- The prizes for the Project/ Innovative idea or concept may not be given if there is no Innovativeness/ discretion of judges.

“Participants have to send scanned filled in registration form to itechnofest2k18@svcet.in which is mandatory and will be treated as confirmation of participation.”

PRIZES

- First Prize for Project/ Innovative idea or concept: Rs. 50,000/-
- Second Prize for Project/ Innovative idea or concept: Rs. 30,000/-
- Third Prize for Project/ Innovative idea or concept: Rs. 10,000/-
- First Prize for Paper Presentation: Rs. 1000/-
- Second Prize for Paper Presentation: Rs. 750/-
- First Prize for Poster Presentation: Rs. 1000/-
- Second Prize for Poster Presentation: Rs. 750/-
- First Prize for Model Exhibition: Rs. 2000/-
- Second Prize for Model Exhibition: Rs. 1000/-

IMPORTANT DATES

- Last date for submission of full length paper: 23-03-2018
- Intimation of acceptance of paper: 24-03-2018
- Confirmation of participation from the authors of selected papers: 26-03-2018
- Last date for submission of Project details: 24-03-2018
- Intimation of acceptance of Project: 26-03-2018

FACILITIES

- Lodging and Boarding facility will be provided to the outstation participants in college hostel on prior request
- Food Coupons will be issued for participants who have registered atleast under any one event.

ORGANISING TEAM

CHIEF PATRONS

Dr. Ravuri Venkataswamy, Chairman, SVCET

PATRON

Sri Ravuri Venkata Srinivas, Vice-Chairman, SVCET

CHAIRMAN

Dr. P. Bhaskar, Principal, SVCET

ADVISORS

Dr. M. Muralidhar, Director, SVCET

Dr. E. Lokanadha Reddy, Vice Principal, SVCET

Dr. B. Kotaiah, Professor & Dean, Civil Engg, SVCET

Dr. A.V. NarasimhaRao, Professor in Civil Engg & Dean Academics, SVCET

Dr. T.V. Krishna Reddy, Professor, Civil Engg, SVCET

Dr. K. Ravindranath, Professor, Mech Engg, SVCET

Dr. K.L. Narayana, Professor & Dean R&D, Mech Engg, SVCET

Dr. M Sudhakara Reddy, Professor & Dean ECE, SVCET

CONVENORS

Dr.B.Damodhara Reddy, HOD-CE, SVCET

Dr. T. Sunil Kumar Reddy, HOD-CSE, SVCET

CO-CONVENORS

Dr. T. Devaraju, HOD-EEE, SVCET

Dr. C. Vijaya Bhaskar Reddy, HOD-MECH, SVCET

Dr. Suman Mishra, HOD-ECE, SVCET

Dr. K. Komala, HOD-HAS, SVCET

Mr. N. Sendhil Kumar, HOD-MCA, SVCET

Mr. T. Raja Reddy, HOD-MBA, SVCET

ORGANIZING COMMITTEE

Mr. K. Sasidhar, Asst.Prof, Dept of Civil Engg

Mrs. G.B. Himabindu, Asst.Prof, Dept of I.T

Mrs. P. Jyothswari, Asst.Prof, Dept of C.S.E

Dr. P.Mohan Krishna, Asst.Prof, Dept of HAS

Mr. K. Janardhan, Asst.Prof, Dept of EEE

Ms. S. Preethi, Asst.Prof, Dept of MECH Engg

Mr. R. Prasanna Srinivas Asst.Prof, Dept of MECH Engg

Mr. D. Srihari, Assoc. Professor, Dept of ECE