

# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)



## ABOUT SVCET

“Sri Venkateswara College of Engineering and Technology (Autonomous) (SVCET), Chittoor, Ranked with 201-250 Band among Top Engineering Colleges by NIRF 2020, MHRD, Govt. of India. SVCET is also NBA Accredited under Tier-I for three years upto 30.06.2021 and Accredited by NAAC with A Grade Accredited Institution. Established in the year 1998, the Institute is Affiliated to Jawaharlal Nehru Technological University Anantapur, Ananthapuramu and Recognized by AICTE, New Delhi. It is also Recognized by the UGC under Section 2(f) and 12(b). The Institute has been Granted Autonomy by UGC from Academic Year 2011-2012. The Institute offers Six(6) UG and Six(6) PG programs in Engineering and Technology, MBA, MCA and offers Four(4) Diploma programs”



## Messages

### FROM THE DESK OF THE CHAIRMAN

The newsletter which is being rolled out today marks the launch of an effervescent activity that would enable the Management to bring out to the eyes of the competitive world, the academic achievements of our prestigious institution. Sri Venkateswara College of Engineering and Technology has grown in leaps and bounds, hurtling across barriers along the way. This has been made possible with the collaborative effort of the Management, the Staff and the Students. I congratulate everyone for their commitment.



### FROM THE DESK OF THE VICE-CHAIRMAN

I am delighted to know that our college newsletter carrying the campus news and the achievements of our staff and students, who earn credits for the institution, is being released. I can say with confidence that Sri Venkateswara College of Engineering & Technology (Autonomous) is a role model for others and students getting an opportunity to be associated with us have every reason to expect the best. With the support of qualified, dedicated and hardworking faculty, the institute has achieved enviable ranking in a short span and I have no doubts that with this pace, SVCET (Autonomous) will march ahead of other eminent institutes at the national level.



### PRINCIPAL'S MESSAGE

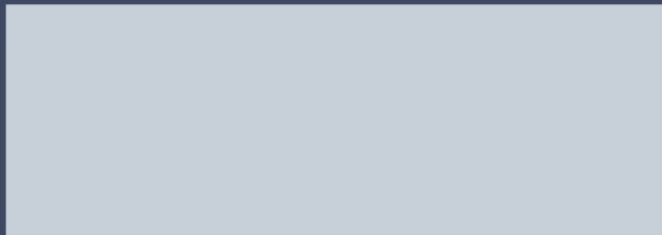
It is a matter of great pride and pleasure to express my thoughts as the Principal of Sri Venkateswara College of Engineering & Technology (Autonomous). Our institute holds the manifold distinction of being amongst the best when one considers the present status of technical education today. I wish all the best for all our staff and students who reiterate their aims at providing the best in academic and extra-curricular fields. It is my privilege in congratulating the editorial board on this pleasant occasion of releasing the newsletter



## The Department of Civil engineering

The Department of Civil Engineering ensures that the Students have the opportunity to work with latest equipment both in the laboratories and while on project with various construction companies in and around the city. Universal Testing machines, UV Spectrophotometer, 200 T Compressive Testing Machine, Constant heat B. O. D. Incubators are few instruments that they regularly use during their sessionals. Fields in which the faculty is specialized are Structural Engineering, Earthquake Engineering, Fracture Mechanics, Hydrology, Water Resources, Foundation Engineering, Construction Management, Entrepreneurship etc.





SVCET aims to train Civil Engineers to meet the ever growing challenges of the rapidly evolving construction activities not only in our country but over the world with confidence and competence.

## **SET TO CREATE LANDMARKS EVEN THE MASTERS OF THE WORLD WILL ADMIRE**

### **ELECTRICAL & ELECTRONICS ENGINEERING DEPARTMENT**

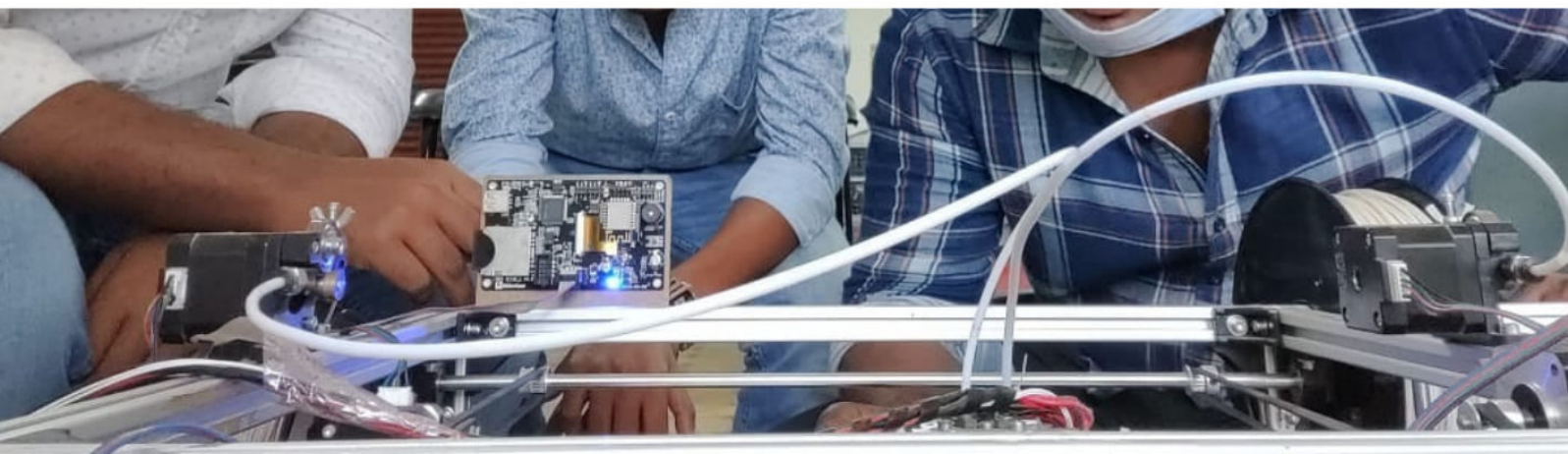
Electrical and Electronics Engineering Department aims to produce quality Engineers with high-technical knowledge and a good practical expertise combined with leadership skills to grow, progress and to occupy positions of upper echelons in the industry



### **DESIGNING EQUIPMENT AND GADGETS THAT DESIGN THE FUTURE**

The curriculum devised by Department of Electrical and Electronics Engineering at SVCET imparts a sound technical know-how in the areas of Electrical Machines, Power Systems, Control System, Electronics, Computer, Bio-Medical Instrumentation and Simulation.

The Department has eminent faculty in the state and takes special care for acquainting the students with the latest developments in the field. Students spend most of their time in gaining practical experience under the guidance of their professors in Well-equipped Networks, Electrical Machinery Labs, Power Electronics Lab, Circuits and Measurements Lab, the Control Systems Lab, Power Systems Simulation Lab, Computer Simulation Lab, and Centralized Microprocessors and Digital Signal Processing Laboratories. Department is also involved in several internal and externally funded research programmes.



**Faculty Development Programs sanctioned by external agencies during the Academic Year 2018-19 & 2019-20:**

S.No	Name & Department	Title of the Project	Date of conducting	Amount (Rs in Lakhs)	Funding Agency & Scheme
1	Dr.Y.N.Vijay Kumar & EEE	AICTE Sponsored One Week STTP On “Application Of Lab View PSCAD & MATLAB For Electrical And Electronics Engineering”	21 <sup>st</sup> – 26 <sup>th</sup> Oct, 2019	2.00 Lakhs	AICTE & STTP

**Ph. Ds Awarded:**

S.NO	NAME OF THE FACULTY	Department	Name of the University	YEAR
1.	Dr.G.Balasundaram	EEE	St.Peter’s University, Chennai.	2018
2.	Dr.C.Vimal Raj	EEE	Anna University , Chennai	2019

**Ph. D Guidance:**

The following faculty are guiding Ph. D candidates

1. Dr. M. Muralidhar, EEE – 01 Candidates
2. Dr. Y.N.Vijaya Kumar EEE- 02 Candidates

**ACADEMIC YEAR: 2018-2019**

**Seminars/Conferences/Workshops organized by the department:**

Different departments of SVCET (A) have organized academic events throughout the year including workshops / Seminars / Conferences / Faculty Development programmes and so on for the benefit of faculty and students.

S.No.	WORKSHOP/SEMINAR/CONFERENCE	Date & Year
1.	Guest Lecture on "Future Endeavors in Electrical Engineering"	13 <sup>th</sup> July 2018
2.	Work Shop on "Energy Management System for Smart Grids"	25 <sup>th</sup> June 2018
3.	Guest Lecture on "Energy Conservation and Energy Management"	20 <sup>th</sup> August 2018
4.	Guest Lecture on "Recent Trends in Industrial Automation"	01 <sup>st</sup> September 2018
5.	Guest Lecture on "Renewable Energy-India’s Shift to a Sustainable Energy Future"	03 <sup>rd</sup> October 2018
6.	Work Shop on "Recent Trends in Power System Protection"	03 <sup>rd</sup> January 2019
7.	Work Shop on "Arduino Projects for beginners"	11 <sup>th</sup> January 2019
8.	Work Shop on "Research Challenges and Opportunities in Power Converters for Electric Vehicle Application"	15 <sup>th</sup> February 2019
9.	Work Shop on "Recent Advancements in Automation and Industrial Revolution V4.0"	18 <sup>th</sup> February 2019





**Computer Lab**



**Surveying**



**Fluid Mechanics Lab**



**Fuels Lab**



**Library**



**Self Issuing Books**



**Electronic Device & Circuit Lab**



**Electrical Lab**



**2 Bedded room for Ladies**



**2 Bedded room for Gents**



**Wide fleet of Bus Service**



**Exclusive Study Tables**



**Spacious Accommodation**



**Student Friendly Ambience**



**Gymnasium for Physical Fitness**



**24 Hours Ambulance Service**



## COMPUTER SCIENCE, COMPUTER SCIENCE AND SYSTEMS & INFORMATION TECHNOLOGY DEPARTMENT

CSE, CSS and IT departments are strongly committed to state-of-the-art networking technology and are connected to multiple high-speed Internet backbones, including fiber optics cable and Wi-Fi.

The Department of Computer Science Engineering (CSE) as well as the Department of Information Technology (IT) at SVCET ensure that the students effectively meet the highest level of competence required by the industry. The futuristic facilities at SVCET acts as the nurturing ground for young technocrats who possess the skill sets to make their mark and shine in various industries. The laboratories are equipped with C, C++, Oracle, Visual Studio, and Java software



The students are also trained in the following advanced labs: DSP Lab VLSI Design Centre Data Communication and Networking Lab Embedded Systems Lab. The departments are equipped with the state-of-the-art air-conditioned labs with systems of latest configuration. Highly experienced faculty grooms students to be in tune with what's being discussed currently in the world of technology by different technology majors in India and across the world.



## DEPARTMENT OF COMPUTER APPLICATIONS

### MASTER OF COMPUTER APPLICATIONS – MCA

MCA students at SVCET are offered in-depth application oriented technologies that are relevant to today's business scenario to enable them to take up a challenging position in the field of software development and programming.

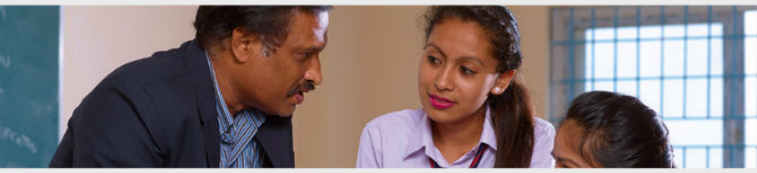


## ZAP THE SOCIETY WITH NEWER APPS

The Masters in Computers Applications programme at SVCET is devised in tune with industry requirements and the regular curriculum is supplemented by additional inputs to stay abreast of the changing scenarios in the IT industry.

The post-graduate technology centre is provided with high-end servers and latest systems. Some of the subjects covered include Digital Logic, Com Probability Statistics Computer Programming and Problems-solving, Data Base Management System, Computational Numerical Methods, Data Structure Lab Using C++, Digital Electronics and Microprocessors, Software Engineering, Data Base Management System Project, Design and Analysis of Algorithms, JAVA & J2EE, LINUX Programming and Bioinformatics. Experts from the IT industry are regularly invited to deliver lectures and share their practical experiences on subjects of current interest.





# DEPARTMENT OF MANAGEMENT STUDIES

MASTER OF BUSINESS ADMINISTRATION – MBA

The MBA programme provides an insight into realtime industrial needs. The syllabus and the course work is designed in such manner that it trains the students to realize their full potential as business managers.

## AIMING FOR CORPORATE

EXCELLENCE AND BETTER BUSINESS ENVIRONMENTS

The MBA programme at SVCET enables individuals to tap their potential to bloom into business leaders. This equips professionals with the skill required to develop into managers and also provides the impetus to reach the top of the organizational pyramid.

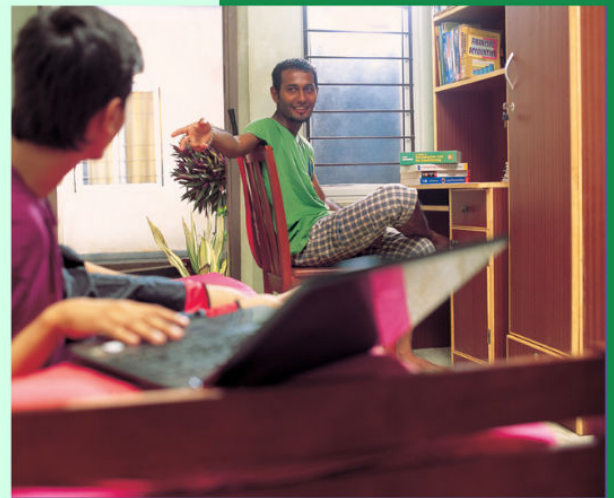
This 2-year program offers a wide spectrum of business knowledge, conceptual and analytical skill to develop the students into competent and effective managers. Students are trained to adapt instantaneously to new surroundings and are poised to create a corporate environment of excellence.

The emphasis of our curriculum, besides the regular syllabus, is on industry academy interaction programs like regular guest lectures by corporate leaders, regular industrial visits and personality development programs by well known and highly acclaimed professionals. Students undergo projects with leading multinational and Indian companies. They can earn a dual specialization in any of the following subjects: Marketing, Finance, Human Resource and Systems.



## RESIDENTIAL FACILITIES

SVCET has appointed senior chefs from both South and North India to prepare tasty food for the cosmopolitan gathering from different states and countries, speaking different languages and having different eating habits. Needless to mention our food are a treat to our students who hail from various nationalities with various palates.



## OUR RECRUITERS



We shape great minds and honorable values.

## PLACEMENTS AND CREDITS

The single point formula for success is to be qualified and skillful enough to make the required cut. At SVCET, all efforts are made to hone the skills of students to get professionally trained along with the necessary oral and written communication skills, personality development and the ability to be a team-player.

The result is evident as our students are being absorbed by major global names in key positions, every year. So much so, that on the day of the Campus Recruitment, the campus wears the look of a mini-global industrial congregation with various recruitment managers visiting the institute.



## LIBRARY MEDIA CENTRE

SVCET imaginatively designed central Library Media Hub is fully computerized and all transactions of book issuing are conducted in automated form with bar coding.

### THE IMPRESSIVE SVCET LIBRARY

SPREAD OVER 10,000 SQ. FT. OF CONSTRUCTED AREA



TOTAL COLLECTION OF 61,000 AND ABOVE BOOKS AND JOURNALS

## HOSTEL LIFE

IT'S A WORLD OF THEIR OWN

Providing global education is important, equally important is providing residential accommodation of global standards for its international student community. SVCET offers the best residential accommodation for its students from across the country and abroad. An exclusive residential complex with separate blocks for boys, girls and staff has been built close to the Educational. A separate block has been established for NRI students and foreign nationals. The NRI air-conditioned studio apartments are allotted on a twin or triple-sharing basis.



The state-of-the-art RO plant provides purified drinking water and Solar plant is installed for hot water. Few members of the faculty and the members of the management reside in the campus to ensure the safety and security of the residential students. Trained wardens and security staff have been appointed for the welfare of the students

