



Sri Venkatesa Perumal College of Engineering and Technology, Puttur

AUTONOMOUS-NAAC ACCREDITED
Puttur-517583, Andhra Pradesh

Estd:2001

Department of MECHANICAL Engineering

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OUR INSPIRATION



Dr. Ravuri
Venkataswamy
Chairman



Mr. Ravuri Balaji
Vice-Chairman

ABOUT COLLEGE

Sri Venkatesa Perumal College of Engineering (SVPP), Puttur, Tirupati, Chittoor (dt.), A.P was established in 2001, and is Promoted by TAMILIAN EDUCATION ACADEMY.

Since its inception, it has transformed itself into a truly premier integrated interdisciplinary technological institute spread in an area 25 acres , accommodating well ventilated classrooms, state-of-the art labs, well maintained outdoor & indoor sports and games facilities.

SVPP is affiliated to Jawaharlal Nehru Technological University Anataparamu (JNTUA); ISO 9001-2000 certified, approved by the All India Council for Technical Education (AICTE), New Delhi; and Accredited by NAAC with 'A' grade. The departments of Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), are all accredited by the National Board of accreditation (NBA), New Delhi during 2012-13. SVPP Offers 5 Under graduate courses with a total intake of 540 seats, in addition it also offers 7 Post graduate Engineering courses with an intake of 18 in specialization. Besides it offers 2 PG courses namely MBA with an intake of 120 seats and MCA with an intake of 60. The campus is enabled with WiFi. Central library equipped with Audio-Visual Theatre, Digital Library, Good number of text books and journals of national and international repute. A fleet of 20 luxurious buses connecting the college from various places in the district.

70% of the Faculty on payroll was ratified by the affiliating University. Hence, SVPP recruits only distinguished academicians, research scientists and experienced faculty who have been carefully chosen through a search from a pool reputed organizations.

Our computing and engineering laboratories and workshops are equipped to meet all commercial and industrial standards and these facilities are available both in and out of class time for the students. Research centers use latest software such as AutoCAD, CATIA, Pro/E, MATLAB, VHDL, IBM Rational Rose, and so on. Students not only benefit from excellent teaching and research facilities, but also from strong links with the industry. Collaborative MOU's with companies such as Infosys, Cyient, Wipro, Zenopsys & ERDL not only help us remain at the forefront of technological advances, but also ensure that we keep pace with employers' changing expectations.

Our focus on employment runs through everything that we do and we will actively support you in your search for internships during your study.

SVPP also enjoys geographical advantage, as it is well connected by air, rail and road. The Campus is situated on Chennai – Bangalore Highway and is 20 Minutes drive from Tirupati Airport. In a lush green and pollution free environment.

PRINCIPAL'S DESK

Greetings from Dr.T.SunilKumar Reddy,

Dr. T.SunilKumar Reddy, as Principal of SVP CET, has always been a very proactive person and has involved himself in all the activities of the college. He displayed a keen interest in the affairs of the college and being a student-friendly person is avidly interested in the academic progress of the students and staff.

He took up academic pursuit and has more than 14 years of academic, research and administrative experience. He served in an array of designations like Asst. Professor, Assoc. Professor, Professor and HOD at GATES Institute of Technology, Gooty, Sri Venkateswara College of Engineering, Chittoor, Sri Vishveshwariah institute of science and Technology, Madanapalli, Global College of Engineering & Technology, Kadapa, Madina Engineering College, Kadapa. Above all, he took up a mission to ignite the young minds so as to nurture the students with the potential to reach greater horizons. He strongly believed in himself, his mentors, peers and team.

He holds memberships in Indian Society for Technical Education (ISTE) and IAENG. He published more than 25 research papers in several national and international journals and conferences.

Thank you.

Best Wishes!
Principal
Dr. T.SunilKumar Reddy



Dr.T.SunilKumar
Reddy
Principal

COLLEGE VISION

- ✚ To emerge as a Center of Excellence for Learning and Research in the domains of Engineering, Technology, Computing and Management.

DEPARTMENT VISION

- ✚ To become a Centre of Excellence in Mechanical Engineering Studies and Research.

COLLEGE MISSION

- To provide congenial academic ambience with state-of-art resources for learning and research.
- Ignite the students to acquire self-reliance in the latest technologies
- Unleash and encourage the innate potential and creativity of students.
- Inculcate confidence to face and experience new challenges.
- Foster enterprising spirit among students work collaboratively with technical Institutes/ Universities/ Industries of National and International repute.

DEPARTMENT MISSION

- Provide congenial academic ambience with necessary infrastructure and learning resources.
- Inculcate confidence to face and experience new challenges from industry and society.
- Ignite the students to acquire self-reliance in State-of-the-Art Technologies.
- Foster Enterprising spirit among students.

Events(Workshops/Seminars/SoftSkills Training)

One Day Seminar on Computational fluid Dynamics

Mechanical Engineering Department successfully organized a One Day Seminar on **Computational fluid Dynamics** for 2020-21 1st sem students on 14th October 2020. During the session the following topics were discussed:

1. Introduction, Mathematical background.
2. Integral analysis of fluid dynamics and its applications to a few problems.
3. Kinematics of fluid motion: Eulerian and Lagrangian approaches, rates of change, graphical descriptors of fluid motion, kinematic decomposition of fluid motion.
4. Differential analysis of fluid dynamics: derivations of governing equations (mass, momentum, energy), sub-models for simplified situations, non-dimensionalization of the governing equations.
5. Some analytical solutions to the Navier-Stokes equations in cartesian and cylindrical geometries.
6. Introduction to the Finite Difference Method of numerical solution: Application to diffusion equation - explicit and implicit methods of solution, Application to Laplace equation - iterative method of solution.



Faculty Achievements

1. **Mr. S. Hari Babu** Published a journal Paper with title **Optimization of Welding Parameters For Friction Welding of 304 Stainless Steel to D3Tool Steel Using Response Surface Methodology.**
2. **Mr. S.B.V.J. Chandbadshah** Published a journal Paper with title **Fabrication and Characterization of Triangular Pyramidal Shape Porous Silicon Solid Micro Needle Array For Drug Delivery**

INDEPENDENCE DAY CELEBRATIONS

On 15th August 2020 Independence Day celebration was started at 8.00 A.M. in the campus. All B.Tech/M.Tech/MBA & MCA students, NSS Volunteers about 450 members, All Teaching and Non Teaching staff of the institute have attended for the celebrations.

All were assembled in C-Block Open Auditorium at 7.50 am. Our Vice Chairman presided the event, Principal Dr. N.Sudhakar Reddy, and all the Heads of various Departments, NSS Program Officer, Administrative Officer, and Dean of Training and Placement section were gathered on the Dias.

The function was started with prayer song and Physical Director invited Vice Chairman to hoist the flag. Some of the students and staff sang the prayer song, flag song and patriotic songs.

Speeches:

Vice Chairman, Ravuri V Balaji spoke about corruption, education to rural people and measures to be taken to become developed country. He also suggested to all the students to give respect to the freedom fighters and to have minimum responsibility towards the development of the country. Principal Dr. N.Sudhakar Reddy spoke about Plastic Pollution and roles of citizens to make plastic free Puttur, which helps to protect human life, animal and plants. He also suggested several methods to avoid usage of plastic. Vice Principal emphasized on pollution free environment and created awareness on responsibilities of students. Various staff and students shared their view on Independence day.

Sweets Distribution:

At the end of celebration, sweets are distributed to all the students and staff members. Buses leave the campus at 11 am. The celebration made us to realize the primary responsibilities. Finally it was a very grand success.



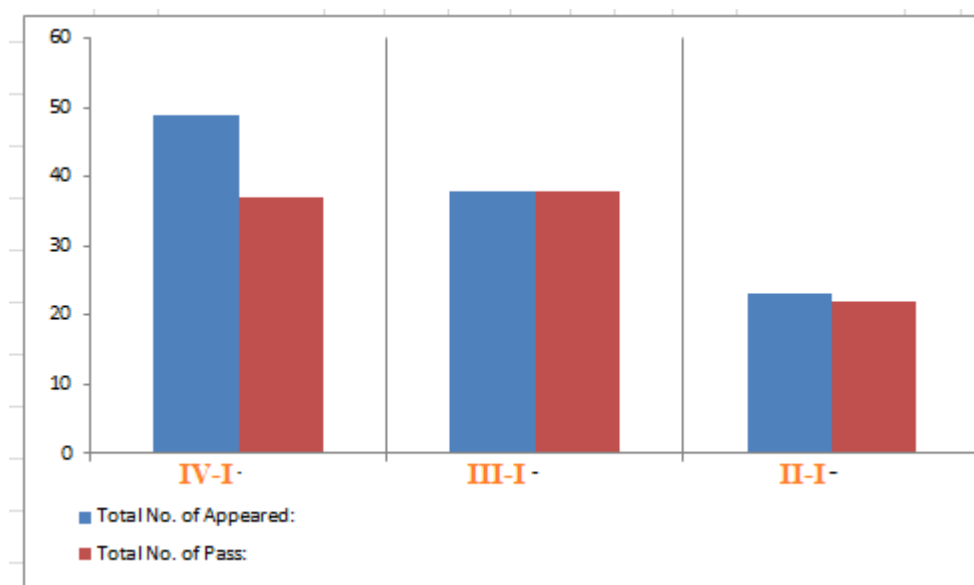
TRAINING & PLACEMENT ACTIVITIES

S.No	Date	Name of the Training/Event	Name of the organization/Resource Person
1	17.05.2020	SCENARIO OF EXAMINATION SYSTEM POST COVID-19	Dr. C. Sashidhar, Director of Evaluation, Jawaharlal Nehru Technological University, Anantapuramu (JNTUA)
2	25.05.2020	online webinar on CHALLENGES OF ENGINEERS AFTER COVID-19	Dr. K. Hema Chandra Reddy, Chairman, AP State Council of Higher Education (APSCHE)
3	04.06.2020 to 12.06.2020	Virtual Technical Training on C & DS	Mr. Satya Narayana, Free Lancer
4	14.06.2020 to 15.06.2020	Online 2 days Seminar on Forensic Science in Digital World & it's Opportunities	Sri Karthikeya Kumar, Cyber Security Advisor, Management Consultant, International Leadership Coach
5	18.06.2020 to 19.06.2020	Online- Resume building Courses	Seventh Sence Talent Solutions, Bangalore Mr. K Vinodh Prabhu Mr. A. Ravi Kiran
6	25.06.2020 to 27.06.2020	Virtual Mock Interviews	Seventh Sence Talent Solutions, Bangalore Mr. Ramesh Babu Ms. Priyanka Mr. Shyam Sundhar
7	06.07.2020 to 11.07.2020	Aptitude Training (Quants)	Mr. M. Sambaraju
8	18.07.2020	One day webinar on Digital Transformation Trends ABC's Are Changing	Sri Nagarjun Malladi, Delivery Head – Life Sciences, Tech Mahindra
9	25.07.2020	Virtual Session on REBUILD A SUSTAINABLE CAREER	Sri. N. B. Harshavardhan Reddy
10	03.08.2020 to 07.08.2020	TCS Company Specific Training- Online	Talentio Solutions India Pvt. Ltd.. Hyderabad
11	10.08.2020 to 16.08.2020	Verbal Training	Mr. K Srinivasa Reddy, ACE Academy
12	27.08.2020 to 29.08.2020	Three days online Seminar on Salesforce-Admin & Development	Mr. Nagendra Kumar, Technology Manager, Deloitte
13	06.09.2020 to 10.09.2020	CTS Company Specific Training- Virtual	Talentio Solutions India Pvt. Ltd.. Hyderabad
14	26.09.2020	Online Awareness session on Benefits of IEEE Membership	Dr. C Harinatha Reddy, Vice Chair PES/IAS/PELS Jt.Chapter IEEE Section, Hyderabad
15	22.11.2020	One day webinar on Introduction & Functioning of IOS & MacOS	Sri. Mounish, CEO-Infinite Apple & Viroclean Solutions



ACADEMIC PERFORMANCE

Admitted Batch	Year – Semester	Total Students Registered	Total No.of.students Passed	Pass Percentage (%)
2017-2021	IV-I	49	37	75.51%
2018-2022	III-I	38	38	100%
2019-2023	II- I	23	22	95.65%



Internships

S.No.	Internship Title	Name of the Industry	No. of Students	Duration
1	Design of Piston Head	Rockman Industries Limited	15	4 weeks
2	Fabrication of Connecting rod	Green Tech industries	13	4 weeks

National Service Scheme (NSS)

NSS Unit-1 and NSS Unit-2 of Sri Venkatesa Perumal College of Engineering and Technology celebrated the Jal Diwas Day in the institute on 22-07-2020. P. Raman Sai, Chief Executive Officer of Swistics, Bangalore and Professor A. Balasubramani, Vice Principal of SVP CET attended as guests and inaugurated the celebrations. As part of this celebration a seminar was organized to all the students on THE POTENTIAL OF JAL SHAKTHI ABHIYAN by M.Lohith an eminent speaker and trainer from Swistics, Bangalore. NSS Volunteers, students and staff totally 750 members have attended to the celebrations. Sri E.Ayyappa, HOD of Civil Engineering, Sri S.Jeelan, Associate Professor in CSE, Sri P.P. Nagaraju, Training and Placement Officer, Sri E. Prakash Babu, NSS Programme Officer were the other dignitaries attended to the celebrations.

Our students as NSS Volunteers continuously showing leadership skills and serving rigorously for community health care, literacy drives, environmental protection, Blood donation camps, informative lecture on human values regularly to the society by visiting nearby villages and educating and helping the poor and the destitute. This time NSS has also organized many activities.



Inaugural Address by Prof. A. Balasubramani, Vice Principal.



Sri D. Raman Sai Inaugurating the Jal Diwas Day Celebration



Address by the Chief Guest Sri D. Raman Sai



Students and Staff attended to the Jal Diwas Day Celebrations



Blood Donaton Camp Inauguration by Dr. P. Raviraju, Medical Officer, Govt. Hospital, Puttur



Dr. N.Sudhakar Reddy, Principal and HODSs of all the departments visiting the Blood Donation Camp



Blood Mobile at Blood donation camp



Students donating the blood



SRI VENKATESA PERUMAL COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)
PUTTUR

Counselling Code :

For EAPCET - **SVPP** | For POLYCET - **SVPP**
For ICET/ECET - **SVPP** | For PGCET - **SVPP**

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