



Sri Venkateswara College of Engineering (SVCE)



Learning at SVCE has a pragmatic approach with a clear focus, valuing individual vision, intellectual discipline, and a sense of teamwork. We aim at developing our students to their full potential, preparing them to take the next step towards career success

SVCE is committed to its role in creating leaders through its innovative programmes, outstanding faculty and thought leadership. SVCE nurtures global leaders who can speak their minds and work well with others in a wide range of cultural contexts. It will develop their ability to manage a career successfully in the global economy. Our teaching modes and methods of assessment vary between courses to ensure that you gain the most benefit from the interactive course content, faculty members, fellow students, and invited

guests. Lectures comprise only a portion of course delivery, with the remaining taken up by discussions, seminars, case analysis, simulation, individual and group projects, and presentations.

SVCE mixes and remixes fun, learning and growing up. The most important part of your life is the years spent discovering who you are and what you want to be. There's no place better than SVCE to spend those precious years

SCOOPS

EDITORIAL BOARD

***LEARNING AT
SVCE IS A
PRAGMATIC APPROACH***



Vision

To be a Centre of excellence focusing on high quality technical education, research and technical services with global leadership competence to succeed in employment and higher education with ethical, social, entrepreneurial aspects updating to the real time requirements.

Mission

To impart high quality technical education by providing the state-of-the art infrastructure, core instruction.

Advanced research and technical consultancy services with qualified and senior faculty.

To prepare the students professionally deft and intellectually adept possessing excellent skill, knowledge and behavior with global competence.



Gangi Reddy. A
Chairman
SV Colleges

It gives me great pleasure to welcome you to our SV Colleges family. Having students from different parts of the country, I sincerely consider it our priority to make the students feel right at home.

We strive to provide a unique educational experience for students by devoting all of our efforts to our mission, insight, and culture on a daily basis. As you will realize from going through our website, our goal is to provide our diverse student body with exemplary education, instilling in our students a love of learning, the ability to think independently, and the confidence to chase their dreams and goals. To do that for our students, we offer academic programs with high standards and we support each one of them as they work to achieve the goals.

It is with great pride that I serve as the Chairman of SV Colleges. I believe in the education we offer just as I believe in our faculty and our students. Envision your student in this environment, where we emphasize the important qualities of integrity, honesty, and creativity. I once again welcome you to our SV Colleges family and assure the best of the education to our students.



Prakash Ambavaram
Vice Chairman
SV Colleges

As Vice Chairman of SV Colleges, I feel very privileged to spearhead our group of institutions that stands for excellence in education. Here at SV Colleges, our aim is to develop students with global mindset who would in turn work towards creating a better world. Our students, as twenty first century learners, are constantly encouraged to increase their knowledge domain by learning through experiences, regardless of success or failure.

As educators, we are focused on meeting all of the needs of all of our students. In addition to meeting their academic needs, we are also dedicated to serving their emotional and physical needs. The students of our colleges come to us from many different backgrounds. We have a very vibrant community where academic diversity is an integral part of daily life.

Our staff and students have created a strong, exciting and vibrant atmosphere at SV colleges. Our students are valued as individuals and they are encouraged to become the best that they can be. I look forward another exciting academic year with great anticipation and enthusiasm, as we build on the successes of our past.



RESEARCH PUBLICATIONS (NATIONAL/INTERNATIONAL JOURNALS) (Students/Faculty)

- Dr. D. Subramanyam, Professor, Mechanical Engineering Department, published a paper titled “Enhancing Research & Development through Sponsored Projects” in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Vol. 15, No. 1, January 2025 (Scopus).
- Dr. C. Chandrasekar, Professor, ECE Department, published a paper titled “Pass-Transistor-Enabled Split Input Voltage Level Shifter for Ultra-Low-Power Applications” in Micromachines (SCIE), on 05-01-2025.
- Dr. G. Chandraiah, Professor, ECE Department, published a paper titled “Modal Analysis-Based Ultrawideband 4×4 MIMO Antenna with Flower Configuration” in International Journal of Electronics and Communications, Vol. 15, No. 2, April 2025 (SCI).
- Dr. C. Chandrasekar, Professor, ECE Department, published a paper titled “Efficient Power Optimized Very-Large-Scale Integration Architecture of Proportionate Least Mean Square Adaptive Filter” in International Journal of Electrical and Computer Engineering (IJECE), Vol. 15, No. 2, April 2025 (Scopus).
- Dr. S. Salma, Assistant Professor, ECE Department, published a paper titled “Denim-Based Wearable Textile Antenna for WiMAX, Telemetry, and X-Band Applications” in SSRG International Journal of Electrical and Electronics Engineering (IJEEE) (Scopus).
- Dr. P. Suresh Babu, Associate Professor, ECE Department, published a paper titled “Design and Evaluation of Clock-Gating-Based Approximate Multiplier for Error-Tolerant Applications” in Memories - Materials, Devices, Circuits, and Systems (Elsevier, Scopus).
- Dr. V. Madhurima, Associate Professor, ECE Department, published a paper titled “Machine Learning-Enabled System for Screening COVID-19 and Similar Diseases in Dense Population Sectors” in Engineering Access, Vol. 11, No. 1, January–June 2025 (Scopus).
- Dr. K. Roja, Professor, Chemistry Department, published a paper titled “Synthesis of Pyrazolyl Phosphonates by Using Amine-Functionalized Metakaolin” in Research on Chemical Intermediates. DOI: 10.1007/s11164-024-05492-2.
- Dr. A. Munikrishnaiah, Associate Professor, Chemistry Department, and Dr. P. Geetha, Professor, Physics Department, published a paper titled “Impedance and Energy Storage Properties of NBT-SrTiO₃–KNbO₃ Lead-Free Ceramics” in Journal of Materials Science: Materials in Electronics, Vol. 36, Article No. 162. DOI: 10.1007/s10854-025-14235-x.
- Dr. M. Indupriya, Associate Professor, Chemistry Department, published a paper titled “Method Development and Validation of Rilpivirine in Pharmaceutical Formulation by RP-HPLC Analysis” in IJBPA, January 2025, Vol. 14(1), pp. 320-343, ISSN: 2277-4998.

- Mrs. G. Gnana Prasanna, Assistant professor, Civil Engineering department, published a paper titled "AN EXPERIMENTAL STUDY ON EFFECT OF GEOPOLYMERIC REINFORCEMENT ON SOIL SUB-GRADE FOR FLEXIBLE PAVEMENTS" in Journal of polymer and composites, ISSN: 2321-2820.
- Mr. T. Srikanth, Assistant professor, Civil Engineering department, published a paper titled "AN EXPERIMENTAL STUDY ON EFFECT OF GEOPOLYMERIC REINFORCEMENT ON SOIL SUB-GRADE FOR FLEXIBLE PAVEMENTS" in Journal of polymer and composites, ISSN: 2321-2820.
- Mr. V. Mahesh, Assistant professor, Civil Engineering department, published a paper titled "AN EXPERIMENTAL STUDY ON EFFECT OF GEOPOLYMERIC REINFORCEMENT ON SOIL SUB-GRADE FOR FLEXIBLE PAVEMENTS" in Journal of polymer and composites, ISSN: 2321-2820
- Dr.K Kumar and Dr.V Lakshmi Devi published a paper in SCI Journal with the title of "Design and evaluation of power converter for integration of lithium-ion battery and renewable sources" in SCI Journal as a 1st and 2nd authors on 18-02-2025. <https://doi.org/10.1016/j.rineng.2025.104409>
- Dr.Shaik Rafi Kiran published a paper in IEEE Conference with Title of "Blood Pressure Monitoring and Hypertension Prediction using Dynamic Opposite Learning Based Prairie Dog Optimization Algorithm" in IEEE 4th International Conference on Mobile Networks and Wireless Communications (ICMNWC-2024) held on 20-2-25, <https://doi.org/10.1109/ICMNWC63764.2024.10872294>
- Dr K Sudheer published a paper in Scopus with Title of " Enhancing Power Quality in Solar Integrated Smart Grids for EV Systems through Smart Controller" by ICIDeA 2025 On 22-02-2025.
- Ms.K YAMUNA published a paper as a 1st author in Scopus with Title of " Smart-grid optimized bidirectional EV charging: A hybrid metaheuristic approach" by ICIDeA 2025 On 22-02-2025.
- Mr.B.Sreenivas reddy published a paper as a 2nd author in Scopus with Title of " Smart-grid optimized bidirectional EV charging: A hybrid metaheuristic approach" by ICIDeA 2025 On 22-02-2025.
- Dr.P.Sreenivasulu, Professor of Mathematics, has published with entitle "Magneto hydrodynamic hybrid nanofluid flow with Cattaneo-Christov heat flux: thermal performance and entropy analysis" at journal of "Multiscale and Multidisciplinary Modeling, Experiments and Design, with <https://doi.org/10.1007/s41939-025-00751-0> from Page:1-13.
- Dr.P.Sreenivasulu, Professor of Mathematics, has published with entitle "Joule heating and dissipation couple effects on Magneto silver-graphene hybrid nanofluids upon radial stretching surface" at journal of "Heliyon", with <https://doi.org/10.1016/j.heliyon.2025.e42172> from Page:1-17.
- Mr.T.JayaChandra Reddy, Assistant professor, has published with entitle " NUMERICAL EXPLORATION OF MHD NON-NEWTONIAN NANOFUID FLOW PAST A BIDIRECTIONAL SURFACE WITH RADIATION AND JOULE'S HEAT" at Journal of Naval Architecture and Marine Engineering with <https://dx.doi.org/10.3329/jname.v22i1.78578>.

- Dr.A.Ganesh, Professor Published a paper entitled “A Deep Learning Approach for ECG-Based Cardiac Anomaly Detection with Improved Feature Extraction”
<https://ieeexplore.ieee.org/xpl/conhome/10861898/proceeding> DOI: 10.1109/GCCIT63234.2024.10862751, Date Added to IEEE Xplore: 06 February 2025.
- Dr. P. Sudheekar Reddy, Assistant Professor, Department of Civil Engineering published a research article titled “Physicochemical and Energy Characteristics of Biochar and Hydrochar Derived from Cotton Stalks: A Comparative Study” BioEnergy Research (2025) 18:20 <https://doi.org/10.1007/s12155-025-10816-0>
- Kumar, R., Krishna M, G., Billu, E. et al. Optimization of surface roughness in machining of titanium composite using taguchi method. Interactions 246, 33 (2025). <https://doi.org/10.1007/s10751-025-02247-2>.
- Gopala Krishna, Balaji Ganesh N, C.P.Balaji, P. KarunyaMoorthy, K. Harshavardhan Reddy, published a research article titled “Fabrication and Mechanical Characterization of Al Hybrid Metal Matrix Composite Reinforced with B4C and Coconut Shell Fly Ash via Powder Metallurgy”, Jan 2025.
- Dr.K.Roja,Professor in Chemistry published a paper with the title Improvement of electrocaloric energy storage properties in eco-friendly 0.63 Na 0.5Bi 0.5 TiO₃-0.37Sr
- TiO₃-NaNbO₃ ceramic synthesized by sol-gel route in J Mater Sci: Mater Electron, <https://doi.org/10.1007/s10854-025-14471-1>
- Dr. R.Vijayalakshmi, Professor of Mathematics, has published a paper titled with “A Study on signals Laplacian energy of an intuitionistic fuzzy graphs with applications to group decision making” at Communications on Applied Nonlinear Analysis, ISSN:1074-133X, Vol 32 No.9s(2025). DOI: <https://doi.org/10.52783/cana.v32.3847>
- Dr. T.Ramanjaneyulu, Associate Professor of Mathematics, has Presented paper titled with “Stream Action of Casson the flow Across an inclined porous depends on the angle of inclination” at Journal Mathematics letter(AML).
- Dr. R.Sireesha published a paper in CRC Press proceedings (Taylor & Francis) with the title "Design of an Autonomous Electric Vehicle Module with Vehicle-To-Home Technology for a Smart Grid" in ICSEEIS 2025 on 10-11 March 2025.
- Dr. K.Raju published a paper in CRC Press proceedings (Taylor & Francis) with the title "Implementation of Current Source Converter Based Wind Energy Conversion Systems in HVDC" in ICSEEIS 2026 on 10-11 March 2025.
- Ms. K.Yamuna published a paper in CRC Press proceedings (Taylor & Francis) with the title "Intelligent EV Charging Station Recommendation Using Dynamic Multi-Attribute Preference and Machine Learning" in ICSEEIS 2025 on 10-11 March 2025.
- Mrs. K. Prathibha published a paper in CRC Press proceedings (Taylor & Francis) with the title "Smart Wheelchair with Automatic Heartbeat and Temperature Monitoring" in ICSEEIS 2025 on 10-11 March 2025.

- Mr.G. Dilli Babu published a paper in CRC Press proceedings (Taylor & Francis) with the title "An Integrated Deep Learning Framework for Enhancing Underwater Images" in ICSEEIS 2025 on 10-11 March 2025.
- Dr G Chandraiah, Professor ECE Dept published a paper entitled "Modal analysis-based ultrawideband 4×4 MIMO antenna with lower configuration AEU" in International Journal of Electronics and Communications Volume 192, March 2025, 155685 DOI: <https://doi.org/10.1016/j.aeue.2025.155685> (SCIE)
- Dr P Suresh Babu, Associate Professor ECE Dept published a paper entitled Optimal distributed generator placement for loss reduction using fuzzy and adaptive grey wolf algorithm International Journal of Applied Power Engineering (IJAPE) Vol.14, No.1, March 2025, pp.155~162 ISSN: 2252-8792, DOI:10.11591/ijape.v14.i1.pp155-162 indexed SCI.
- T.Srikanth, Asssitant Professor, and M.Chittaranjan, Professor of Civil Engineering published a research article titled "Impact of Calcium Chloride on Mechanical Characteristics of Black Cotton Soil.
- Dr. Shaik Rafi Kiran published a paper titled "Modeling of a Fuel Cell with Boost Converter Using Artificial Neural Network" in the IEEE International Conference on Visual Analytics and Data Visualization (ICVADV-2025), held in April 2025.
<https://ieeexplore.ieee.org/document/10961057>.
- Dr. Shaik Rafi Kiran published a paper titled "Development of VSS-FOCV and IC MPPT Controllers for PEMFC Systems" in the IEEE International Conference on Visual Analytics and Data Visualization (ICVADV-2025), held in April 2025.
<https://ieeexplore.ieee.org/document/10960861>.
- Dr. Jagath Kamineni published a research article titled "Monocular Depth Estimation for UAV Navigation Using Segmental Fully Convolutional Prairie Dog Neural Networks" at the 2025 4th International Conference on Sentiment Analysis and Deep Learning (ICSADL), Bhimdatta, Nepal, 2025, pp. 1352-1357, doi: 10.1109/ICSADL65848.2025.10933057
- Dr. J. Anil Kumar, Professor, Department of Mathematics, published a paper titled "Parameter Estimation in Multiple Linear Regression: A Neutrosophic Perspective with the Simple Averaging Method (SAM)" in the International Journal of Neutrosophic Science (IJNS). DOI: Doi: <https://doi.org/10.54216/IJNS.260216>
- Dr. J. Kiran Kumar published a paper titled "Unibridge-Revolutionizing Alumni Engagement" in the 5th International Conference on Pervasive Computing and Social Networking (ICPCSN-2025) held on 14th-16th May 2025.
- Mrs. M.Jyothsnadevi published a paper in CRC Press proceedings (Taylor & Francis) with the title "Butterfly Optimization for Sustainable Power Dispatch with Renewables" in ICSEEIS 2025 on 10-11 March 2025.

- Renugadevi Kumar, Gopala Krishna M, Eswaraiah Billu, Anjan Kumar Reddy D, & Ram S. published a paper titled “Optimization of Surface Roughness in Machining of Titanium Composite Using Taguchi Method” in Interactions, 2025, pp. 246-33. [DOI: 10.1007/s10751-025-02247-2](https://doi.org/10.1007/s10751-025-02247-2).
- Sailesh, A., Dilavar, S. N., Saho, M. R., Prasad, D., Kumar, K. S., Krishna, M. V., Anandkumar, R., Murali, D., & Nalinashini, G. published a paper titled “Enhancing Mechanical Properties by Parameter Optimization in Fiber and Particle Reinforced Composites” in Journal of Polymer and Composites.
- Dr. K. Praveen, Asssistant Professor, Department of Civil Engineering, presented a paper titled “Assessment of Agricultural Drought Based on Vegetation Condition Index in Sone Command Area in Bihar, India” in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.
- Dr. K. Rama Krishna Reddy, Asssistant Professor, Department of Civil Engineering, presented a paper titled “Temperature, Rainfall and LULC Variation Trend Analysis of Pennar River Basin, India” in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.
- Mr. T. Srikanth, Asssistant Professor, Department of Civil Engineering, presented a paper titled “An Experimental Study on Normative Analysis of Soil Engineering Properties at Tirupati” in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.
- N. Rajesh, Presented the research article with title “Prediction of Hardness & Surface Roughness of 3D Printed PETG-Carbon Fiber (PETGCF) Using ANFIS at International Conference on Multidisciplinary Research in Mechanical Engineering and Nanotechnology (ICMRMEN-2025)held during April 11th and 12th, 2025.
- Dr M Vamsi Krishna, P Vinay Kumar (Student-ME), presented conference paper on “Development of Spider leg Walker using KLANN Mechanism”, Conf: Contemporary issues in science, engineering and technology”, 23 & 24, May, 2025
- Dr M Vamsi Krishna, Akula Jaswanth Kumar (Student-ME), presented conference paper on “AgriMate: Precision Fertilizer and Crop Management Robot for optimized soil health and Yield”, Conf: Contemporary issues in science, engineering and technology”, 23 & 24, May, 2025.

TRAINING PROGRAMS/WORKSHOPS ORGANIZED

- The Training and Placement Cell (TPC) of SVCE organized CRT Phase I Training for the 2022-2026 batch of students from all branches from 24-01-2025 to 03-02-2025.
- Campus Recruitment Training is conducted for II year B.Tech students.
- A One-Day workshop on “Explore the World of AI” conduct for III CSE Students on 18-02-2025.
- Department of ECE, SVCE Tirupati has conducted a Two day workshop entitled “Raspberry Pi Pico using Python workshop” in association with Technotran Nellore during 10-03-2025 & 11-03-2025 for II ECE students, coordinated by Dr K Upendra Raju, Professor in ECE SVCE.
- The resource person is Mr Vikas Reddy, Technotran Limited, Nellore.
- Department of ECE, SVCE Tirupati has conducted a Two day workshop entitled “Arduino with Pico” in association with Technotran Nellore organized during 12-03-2025 & 13-03- 2025 for I ECE students, coordinated by Dr G PadmaPriya, Professor in ECE SVCE. The resource person is JAMEER BASHA SHAIK, Technical Associate at Technotran Limited ,Nellore
- Department of ECE, SVCE Tirupati has conducted a Two day workshop entitled “ Edge AI and Industry IoT” in association with Technotran Nellore during 24-03-2025 & 25-03-2025 for III ECE students, coordinated by Dr T Swarnalatha, Associate Professor in ECE SVCE The resource person is The resource person is Mr.Gururishi Yadav Gollapalli, TechnicalAssociate, Mathworks Education, Technotran Limited ,Nellore.
- Department of ECE, SVCE Tirupati has conducted a one-day workshop entitled “Verilog and hands-on FPGA” in association with IETE student chapter for III-year ECE students. The resource person is Mr.S. Chanu and Mr. B. Vamsi.
- Department of ECE, SVCE Tirupati has conducted a one-day Training session entitled “MATLAB Tool Boxes” in association with MathWorks during 17-03-2025 for the ECE students, coordinated by Dr G Chandraiah, Professor in ECE SVCE.
- The resource person is Mr J Prem Kumar, Product Manager, MATHwork Education ARKANCE IN Private Limited
- Department of ECE, SVCE Tirupati has conducted a one day workshop entitled “AI Machine Learning Horizons” in association with IEEE- Student chapter SPS & Com Soc and IEEE Young Professionals during 29-03-2025 ,coordinated by Mr Sk Allabaksh ,Asst Professor ECE. The resource person are Mr Sai Prashanth, Advisory Board Member, IEEE Education Society ,Mr V Mahendran, Asst Professor IIT Tirupati.

- Between March 24 and April 1, 2025, 58 MBA students successfully completed the Magic Bus Life Skills Training Program and were presented with their certificates.
- From April 7 to 11, 2025, the Department of ECE, SVCE Tirupati conducted a five-day workshop entitled “PCB Design” in association with APSSDC for I ECE students, coordinated by Dr. G. Padma Priya, Professor in ECE, SVCE.



- On April 23 and 24, 2025, DMS organized a Cyber Security Awareness Workshop in association with NIIT Foundation. A total of 200 MBA IIYr students completed the workshop and received certificates issued by CISCO Networking Academy

PATENTS PUBLISHED IN THIS MONTH

(Students/Faculty)

- Mrs. G. S. M. Padmavathi, Assistant Professor of Mathematics, published a patent titled "Enhancing Agriculture Through IoT-Based Embedded Systems, Cloud Computing, and Machine Learning for Plant Disease Detection" with Application No: 202411094132, published on 03/01/2025.
- B. Sai Hemanth published a patent titled "A Machine Learning Enhanced Smart Tattoo for Dynamic Exposure Monitoring and Personalized Sun Protection" with Application No: 202441103667A, published on 10/01/2025.
- Dr. S. Salma and D. Srilatha, Assistant Professors in the ECE Department, published a patent titled "Design and Performance Analysis of a Denim-Based Textile Antenna for Sub-6 GHz Wireless Communication Applications" with Application No: 202541006374A, published on 31/01/2025.
- Dr S. Balakrishna, Professor of Mathematics, has patent title of the invention: "DEEP LEARNING APPROCHES FOR MULTICLASS CLASSIFCATION OF KIDNEY STONES AND LUNG CANCER FROM CT IMAGES", with Application No: 202541011478 A, Published on 11/02/2025.
- I.Madhavilatha, Assistant Professor has been published a Patent on "Automatic Detection and Classification of Plant Diseases Using Deep Learning Techniques" Date: 21/02/2025 Application No: .202411100181 A
- Dr T Chandrasekhar Rao, Professor in ECE department, SVCE has registered a design Patent entitled "Smart Brain Monitoring Headset" with reference no 436389-001 by Intellectual Property IP, Patent office, Govt of India on 17-03-2025
- Dr. A Muni Krishnaiah and Dr. P Geetha published a patent with the title Ultra-Thin, Rollable Solar Panels with Wireless Charging with application number 202541016666 A
- Dr. A.Muni Krishnaiah and Dr.P.Geetha published a patent with the title Self-Cleaning Solar Panels with Foldable Design with application number 202541016609 A
- Dr. T.Chandraiah published a patent with the title AI-driven innovations in financial technology for fraud prevention and anti-money laundering applications with application number 202511009030 A
- Dr S.SUDHAKAR REDDY, Professor of Mathematics, , has Design patent title of the invention: "Deep Learning-Based Magnetic Resonance Imaging (MRI) Scanning device", with Application No:443278-001, Published on 07/01/2025.

- Dr S. BALA KRISHNA, Professor of Mathematics, has patent title of the invention: “Hybrid AI System for Multi-Market Investment Optimization in Stocks and Cryptocurrencies.”, with Application No: 202541018330 A, Published on 14/03/2025.
- Dr. L. NARENDRA MOHAN, Dr. S. SUDHAKAR REDDY & Dr. T. RAMANJANEYULU, Professor of Mathematics, has patent title of the invention: “Machine Learning Enhanced Techniques for Numerical Analysis and Error Reduction”, with Application No: 202421051863 A, Published on 23/08/2024.
- Dr. T. RAMANJANEYULU, Associate Professor of Mathematics, has patent title of the invention: “Machine Learning Enhanced Routing Strategies for Battery Electric Vehicles and Drone -Assisted Travelling Saleman Problem”, with Application No: 202521015507A, Published on 07/03/2025.
- Mr. V. Naresh, Assistant Professor, has patent title of invention: “AI-Driven Innovation in Financial Technology for Fraud Prevention and Anti-Money Laundering Applications”, with Application No: 20251100090307 A, Published on 14/03/2025.
- Mr. T. JayaChandra Reddy, Assistant Professor, has patent title of invention: “Enhancing Automated Exam paper assessment in higher education with machine learning and statistical methods”, with Application No: 202541016077, Published on 07/03/2025.
- Dr. S. BALA KRISHNA, Dr. T. RAMANJANEYULU Professor of Mathematics, has patent title of the invention: “Intelligent Robotic Battery swap technology for Electric Vehicles.”, with Application No: 202541018330 A, Published on 14/03/2025.
- Dr. L. NARENDRA MOHAN, & Dr.J.ANIL KUMAR, Professor of Mathematics, has patent title of the invention: “Smart Home Ecosystem with centralized control and personalized Automation”, with Application No: 202421051863 A, Published on 23/08/2024.
- Mrs. K. Prathibha got a patent titled "Intelligent Battery Management System for Optimized Charging and Discharging in Electric Vehicles Using AI & IoT" with co-authors P. Vinod Kumar, G. Dilli Babu, and K. Rooparaj on 09 March 2025, and it was granted on 21 March 2025.
- Mr. C.M. Prakash, Assistant Professor, Department of Civil Engineering, published a patent titled “PREFABRICATED MODULAR BUILDING COMPONENTS AND SYSTEM FOR RAPID CONSTRUCTION” with application number: 202541022183.
- Dr S. SUDHAKAR REDDY, Professor of Mathematics, has Design patent title of the invention: “Real Time credit card fraud identification and prevention using adaptive machine learning method”, with Application No:202541032280 A, Published on 18/04/2025.
- Dr S. BALA KRISHNA, Dr. T. RAMANJANEYULU, Dr.J. Anil kumar Professor of Mathematics, has patent title of the invention: “Intelligent Robotic Battery swap technology for Electric Vehicles.”, with Application No: 202541018330 A, Published on 14/03/2025.

- Dr. L. NARENDRA MOHAN, & Dr.J.ANIL KUMAR, Professor of Mathematics, has patent title of the invention: “Smart Home Ecosystem with centralized control and personalized Automation”, with Application No: 202421051863 A, Published on 23/08/2024.
- Mrs. K. Prathibha got a patent titled "Intelligent Battery Management System for Optimized Charging and Discharging in Electric Vehicles Using AI & IoT" with co-authors P. Vinod Kumar, G. Dilli Babu, and K. Rooparaj on 09 March 2025, and it was granted on 21 March 2025.
- Mr. C.M. Prakash, Assistant Professor, Department of Civil Engineering, published a patent titled “PREFABRICATED MODULAR BUILDING COMPONENTS AND SYSTEM FOR RAPID CONSTRUCTION” with application number: 202541022183.
- Dr S. SUDHAKAR REDDY, Professor of Mathematics, has Design patent title of the invention: “Real Time credit card fraud identification and prevention using adaptive machine learning method”, with Application No:202541032280 A, Published on 18/04/2025.
- Dr S. BALA KRISHNA, Dr. T. RAMANJANEYULU, Dr.J. Anil kumar Professor of Mathematics, has patent title of the invention: “Intelligent Robotic Battery swap technology for Electric Vehicles.”, with Application No: 202541018330 A, Published on 14/03/2025.
- Dr.J. Anil kumar Professor of Mathematics, has patent title of the invention: “AI-Powered solutions for load and route optimization in supply chain management incorporating the travelling salesman problem (TSP).”, with Application No: 202541008429 A, Published on 14/02/2025.
- Mr. M. Reddy babu, Assistant Professor of Mathematics, has patent title of the invention: “An IOT-Enabled smart home with system speech emotion recognition using machine learning.”, with Application No: 202541018247 A, Published on 14/03/2025.
- Dr. Chandra Sekhara Reddy M, published a patent on “An Ai-Driven Online Intrusion Detection Framework for Enhancing the Security of Smart Ev Charging Stations”, Application No.202541026896 A, Date of filing of Application :24/03/2025, Publication Date: 11/04/2025,
- Dr. Vamsi Krishna M, published a patent on “A Data-Driven Approach to Prevention and Early Intervention for Early-Stage Brain Stroke Prediction in Healthcare Using Machine Learning”, Application No.202541029195 A, Date of filing of Application :27/03/2025, Publication Date: 25/04/2025
- Dr .S. Sreedevi Published Patent on Financial Management System for Agribusiness Sector Enhancement, The Patent Journal No.1/2025 dated 03/1/2025.
- Mr. T. JayaChandra Reddy, Assistant Professor, has patent titled “Machine learning applications for precision biomarkers and tailored therapy in advanced lung cancer”, with Application No: 202541034581 A, published on 09/05/2025.
- Dr. Y. A. Siva Prasad, Dr. P. Rajesh Kumar, Dr. C. Madhu, Yuvaraj K., P. Charan Theja, Dr. Vamsi Krishna Mamidi, Dr. P. Suresh, M. Jyothsna Devi, Dr. N. Sudhakar Reddy, Dr. R. Sireesha, and C. Keerthi received a certificate of granted patent titled “AI-Based Virtual Reality,” Application Number: 451760-001, granted on 28-05-2025.

RESEARCH PUBLICATIONS **(NATIONAL/INTERNATIONAL CONFERENCES)** ***(Students/Faculty)***

- Dr.K. Anantha Kumar, Associate Professor of Mathematics, has published a paper entitled with "Analysis of nanomodels for nanofluid flow over a curved region with MXene (Ti3C2) at Journal of Thermal Analysis and Calorimetry with <https://doi.org/10.1007/s10973-024-13916-9>.
- Dr. Shaik Rafi Kiran published a paper in IEEE Conference with Title of "Improved Flower Pollination Algorithm Based Optimum Design of Reinforced Concrete Retaining Walls" organized by 2024 International Conference on Integrated Intelligence and Communication Systems (ICIICS) held on 5-2-25, <https://doi.org/10.1109/ICIICS63763.2024.10859574>.
- Dr. Shaik Rafi Kiran published a paper in IEEE Conference with Title of "Improved Multiple Linear Regression for Forecasting Water Quality of Vegetable and Fruit Wastewater" in 2024 International Conference on Integrated Intelligence and Communication Systems (ICIICS) held on 5-2-25, <https://doi.org/10.1109/ICIICS63763.2024.10860082>.
- Dr. Shaik Rafi Kiran published a paper in IEEE Conference with Title of " Predicting Earthquake Damage and Rehabilitation Intervention Using Adaptive Fuzzy C-Means-Based Support Vector Machine" organized by 2024 International Conference on Integrated Intelligence and Communication Systems (ICIICS) held on 5-2-25, ISSN/ISBN 979-8-3315-0496-0, <https://doi.org/10.1109/ICIICS63763.2024.10859465>.
- Dr. Shaik Rafi Kiran published a paper in IEEE Conference with Title of "Surveillance and Intruder Detection using Pyramid Vision Transformer You Only Look Once Enhanced with Gradient Weighted Class Activation Mapping" in IEEE 4th International Conference on Mobile Networks and Wireless Communications (ICMNWC-2024) held on 20-2-25, 979-8-3315-2834-8, <https://doi.org/10.1109/ICMNWC63764.2024.10871972>
- Dr. Shaik Rafi Kiran published a paper in IEEE Conference with Title of "Shuffle Attention Mechanism Based Bi-Directional Long Short-Term Memory for Detecting Neurodegenerative Disorders" organized by IEEE 4th International Conference on Mobile Networks and Wireless Communications (ICMNWC-2024) held on 20-2-25, 979-8-3315-2834-8, <https://doi.org/10.1109/ICMNWC63764.2024.10872280>
- Dr. P.Prathusha, Associate Professor Presented a paper entitled "A Comparative Analysis of FedAVG,FEDPROX and SCAFFOLD In Gait-Based Activity Recognition By Evaluating Accuracy,Privacy, And Explainability" at the International Conference on Multidisciplinary Engineering Research and Innovations(ICMERI) Feb-2025),organized by "GJournal of Engineering Innovations and Interdisciplinary Research" on 11th and 12th Feb-2025.

- Dr. M. Chittaranjan, Professor, & Mr. T. Srikanth, Assistant Professor, Department of Civil Engineering, presented a paper titled "An Experimental Investigation on Effect of Nature of Pore Fluid on Some Geo Technical Properties of an Expansive soil" International Conference on Sustainable Materials, Methodologies, Technologies & Applications in Engineering (ICS2MT-2K25) Organized by Department of Civil Engineering, CVR College of Engineering, Hyderabad, India on 24th & 25th January 2025.
- Dr P.Jaya Prakash from Department of Information Technology has presented a paper titled "Deep Learning driven Pest Classification and Sustainable Agriculture" at the 3rd International Conference on Electronics and Renewable Systems (ICEARS-2025) on 11-13 February 2025 organized by St Mother Theresa Engineering College, Tuticorin, Tamil Nadu.
- Mr. P. Lakshmi Sagar, a student at Sri Venkateswara College of Engineering, has been formally recognized for his valuable contribution to the field of engineering. His paper entitled "Optimizing Battery Performance in Electric Vehicles through Predictive Modeling" was presented at the International Conference on Intelligent Control, Computing and Communications (IC3-2025) held at GL Bajaj Group of Institutions in Mathura, Uttar Pradesh, India, on February 13-14, 2025.
- P. Sudheekar Reddy, Assistant Professor in the Department of Civil Engineering, presented a paper titled "Hydrothermal Carbonization of Sugarcane Bagasse: Physicochemical Characterization and Solid Biofuel Potential" at the International conference ASCENT 2025, organized by the Department of Chemical Engineering at NIT Warangal, from 20-22 March 2025.
- Dr.P. Jaya Prakash, Associate Professor in Department of Information Technology has published a paper on Deep Learning Driven - Pest Classification and Sustainable Agriculture in International Conference on Electronics and Renewable Systems (ICEARS 2025) in April 2025
- Dr. J. Kiran Kumar published a paper titled "Unibridge-Revolutionizing Alumni Engagement" in the 5th International Conference on Pervasive Computing and Social Networking (ICPCSN-2025) held on 14th-16th May 2025.
- Dr. K. Praveen, Assistant Professor, Department of Civil Engineering, presented a paper titled "Assessment of Agricultural Drought Based on Vegetation Condition Index in Sone Command Area in Bihar, India" in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.
- Dr. K. Rama Krishna Reddy, Assistant Professor, Department of Civil Engineering, presented a paper titled "Temperature, Rainfall and LULC Variation Trend Analysis of Pennar River Basin, India" in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.
- Mr. T. Srikanth, Assistant Professor, Department of Civil Engineering, presented a paper titled "An Experimental Study on Normative Analysis of Soil Engineering Properties at Tirupati" in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.

- Dr. M. Chittaranjan, Professor, & Mr. T. Srikanth, Assistant Professor, Department of Civil Engineering, presented a paper titled "An Experimental Investigation on Effect of Nature of Pore Fluid on Some Geo Technical Properties of an Expansive soil" International Conference on Sustainable Materials, Methodologies, Technologies & Applications in Engineering (ICS2MT-2K25) Organized by Department of Civil Engineering, CVR College of Engineering, Hyderabad, India on 24th & 25th January 2025.
- Dr P.Jaya Prakash from Department of Information Technology has presented a paper titled "Deep Learning driven Pest Classification and Sustainable Agriculture" at the 3rd International Conference on Electronics and Renewable Systems (ICEARS-2025) on 11-13 February 2025 organized by St Mother Theresa Engineering College, Tutticorin, Tamil Nadu.
- Mr. P. Lakshmi Sagar, a student at Sri Venkateswara College of Engineering, has been formally recognized for his valuable contribution to the field of engineering. His paper entitled "Optimizing Battery Performance in Electric Vehicles through Predictive Modeling" was presented at the International Conference on Intelligent Control, Computing and Communications (IC3-2025) held at GL Bajaj Group of Institutions in Mathura, Uttar Pradesh, India, on February 13-14, 2025.
- P. Sudheekar Reddy, Assistant Professor in the Department of Civil Engineering, presented a paper titled "Hydrothermal Carbonization of Sugarcane Bagasse: Physicochemical Characterization and Solid Biofuel Potential" at the International conference ASCENT 2025, organized by the Department of Chemical Engineering at NIT Warangal, from 20-22 March 2025.
- Dr.P. Jaya Prakash, Associate Professor in Department of Information Technology has published a paper on Deep Learning Driven - Pest Classification and Sustainable Agriculture in International Conference on Electronics and Renewable Systems (ICEARS 2025) in April 2025
- Dr. J. Kiran Kumar published a paper titled "Unibridge-Revolutionizing Alumni Engagement" in the 5th International Conference on Pervasive Computing and Social Networking (ICPCSN-2025) held on 14th-16th May 2025.
- Dr. K. Praveen, Assistant Professor, Department of Civil Engineering, presented a paper titled "Assessment of Agricultural Drought Based on Vegetation Condition Index in Sone Command Area in Bihar, India" in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.
- Dr. K. Rama Krishna Reddy, Assistant Professor, Department of Civil Engineering, presented a paper titled "Temperature, Rainfall and LULC Variation Trend Analysis of Pennar River Basin, India" in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.

- N. Rajesh, Presented the research article with title “Prediction of Hardness & Surface Roughness of 3D Printed PETG-Carbon Fiber (PETGCF) Using ANFIS at International Conference on Multidisciplinary Research in Mechanical Engineering and Nanotechnology (ICMRMEN-2025)held during April 11th and 12th, 2025.
- Dr M Vamsi Krishna, P Vinay Kumar (Student-ME), presented conference paper on “Development of Spider leg Walker using KLANN Mechanism”, Conf: Contemporary issues in science, engineering and technology”, 23 & 24, May, 2025
- Dr M Vamsi Krishna, Akula Jaswanth Kumar (Student-ME), presented conference paper on “AgriMate: Precision Fertilizer and Crop Management Robot for optimized soil health and Yield”, Conf: Contemporary issues in science, engineering and technology”, 23 & 24, May, 2025
- Dr. P. Sudheekar Reddy, Assistant Professor, Department of Civil Engineering, presented a paper titled “Hydrothermal Carbonization Of Yard Waste: Impact Of Leachate On Mass Yield, Energy Content, And Fuel Properties” at ASCE International Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025) organized by ASCE India Section Northern Region (ASCE IS NR) & Punjab Engineering College, Chandigarh.
- N. Rajesh, Presented the research article with title “Prediction of Hardness & Surface Roughness of 3D Printed PETG-Carbon Fiber (PETGCF) Using ANFIS at International Conference on Multidisciplinary Research in Mechanical Engineering and Nanotechnology (ICMRMEN-2025)held during April 11th and 12th, 2025.
- Mr. T. Srikanth, Asssistant Professor, Department of Civil Engineering, presented a paper titled “An Experimental Study on Normative Analysis of Soil Engineering Properties at Tirupati” in International conference on Innovations and Sustainability in Civil Engineering (ISCESTI 2025) organized by Department of Civil Engineering, NIT Patna, during May 14-16, 2025.

NCC/NSS/SERVICE PROGRAMMES ORGANIZED

- NSS Unit organized National Voters Day on 25-01-2025. On this occasion NSS unit conducted Poster making and Essay Writing competitions on the theme of “Noting like Voting, I Vote for Sure” followed by pledge taking ceremony with an aim to increase the enrolment of voters. ECE students participated in events
- NSS Unit organized in collaboration with RTO, Tirupati conducted Road safety awareness Rally as a part of National Road Safety Month-NSRM-2025 at Leela Mahal and Mangalam on 23-01-2025
- NSS Unit organized a rally on the occasion of World Cancer Day on 04-02-2025 . The rally was scheduled at Leela Mahal Circle. This event objective is to raise awareness, inspire action, and reduce the burden of this life threatening disease.
- ECE faculty participated in Free Medical camp organized by SVCE in association with Lombard health insurance Company on 18-02-2025.
- A Program on “Cancer Awareness Rally” On the occupation of Cancer Day conducted on 04-02-2025



IMPORTANT NATIONAL CONFERENCES / SEMINARS ORGANIZED

- Department of ECE organized A seminar on “Awareness session on Entrepreneurship and Govt Schemes for self-development” on 25-02-2025. Mr V Koti Reddy Asst Director KVIC Vijayawada acted as resource person.



- On 06.02.2025, Department of Mechanical conducted a guest lecture on significance of engineering Graphics for Mechanical Engineers by Dr K L Narayana, retired professor, SV university, Tirupati
- Department of Civil Engineering organized a seminar for III B.Tech on the topic “Practical Insights into the Construction of Irrigation Structures.” The resource person was Mr. T. Murali, Deputy Executive Engineer, TGP & GNSS Circle, Water Resources Department, Tirupati.
- Department of Civil Engineering organized a seminar for II & III B.Tech on the topic “CAREER GUIDANCE PROGRAM ON CAREER PLANNING STRATEGY.” The resource person was Sri. T. SREENIVASULU, Deputy Chief, SVU Employment Bureau, Tirupati.
- On April 4, 2025, SVCE(BF), ECE Department organized a Guest Lecture on “Maxwell’s Equations and its Industrial applications” for II ECE students, coordinated by Dr. K. Upendra Raju, Associate Professor, ECE Dept. SVCE.
- On April 19, 2025, the MCA Department organized a one-day workshop on financial education for MCA Ist year students, sponsored by the National Centre for Financial Education.
- On April 23, 2025, 158 students from the second year of the MBA program successfully completed the CPBFI (Certificate Program by Bajaj Fins certificates.
- On April 24, 2025, SVCE(BF) ECE Department organized a Career Guidance session on “Exploring Career opportunities for Engineers” by Dr. R. Murali Prasad for IV ECE, coordinated by Dr. P. Sudhakar Reddy, Asst. Professor, ECE Dept.



CO - CURRICULAR ACTIVITIES CONDUCTED

- Industrial Visit to IGCAR, Chennai for IV ECE students and faculty on 03-01-2025.
- Industrial Visit to NARL, Gadanki for III ECE students and faculty on 10-01-2025.
- Harivillu Event was conducted on 10-01-2025 for students and staff, along with Sankranti celebrations in traditional attire.



- Industrial Visit to NARL, Gadanki for III ECE students and faculty on 17-01-2025.
- Industrial Visit to NARL, Gadanki for III ECE students and faculty on 24-01-2025.
- Technical and Non-Technical Activities were organized by the Department of ECE in association with IETE-PACE on 25-01-2025 as part of the 76th Republic Day celebrations.
- Republic Day Celebrations were held on 26-01-2025
- The Department of ECE in association with The Khadi and Village Industries Commission (KVIC) organized a special event on 24-25 FEBRUARY 2025 focused on the promotion of Khadi, rural industries, and the creation of sustainable employment.
- Department of Mechanical Engineering organised Industrial visit to Sibar Auto Parts Ltd. Tirupati for B.Tech II year students on 28.02.25.
- Students actively participated in various other events, including Kabaddi (Women), Athletics (Discus Throw - Women), and Volleyball (Men), showcasing their enthusiasm and sportsmanship.
- MCA II Semester Students has actively participated in People's Education Programmed 2024-25.
- Sri Venkateswara College of Engineering, Tirupati, successfully hosted SPARK 2025 on March 21 and 22, 2025, featuring a dynamic mix of cultural, sports, and fun events. Cultural Events: Pulse of One - Dance Battle: A thrilling competition showcasing electrifying dance performances. Walk @ Way: A mesmerizing fashion walk highlighting the latest trends. Raaga - Singing Competition: A platform for talented singers to mesmerize the audience. Sound Space – Instrumental Performance: Live instrumental music enthraling the spectators. Sports Events: Cricket, Volleyball (Finals - March 21), Kabaddi, Throwball, and Chess witnessed intense competition. Fun & Additional Events: Engaging games like Red Light Green Light, Blind Snake & Ladders, Memory Challenge, and department-specific activities such as Catch the Stick (CSE) and LABOR! (Mech) added excitement. SPARK 2025 was a grand success, celebrating talent, sportsmanship, and creativity!
- Seminar on KVIC-Sponsored Schemes “ENTREPRENEURSHIP DEVELOPMENT” Organized by State Office, KVIC Vijayawada.

- On April 10, 2025, the SVCE(BF) ECE department organized TECHIGNITE 2025 and the Valedictory session of the IETE and PACE associations. As part of the event, associations conducted Circuit Storm, Code Quest, Brain Busters, Tech Grafix, and Ideathon. Prizes were distributed to the winners. The event was coordinated by Dr. S. Salma, Asst. Professor, and Mr. P. Rajesh Kumar, Asst. Professor, ECE Dept., SVCE.
- On April 10, 2025, the SVCE(BF) ECE department organized a Project Expo where IV ECE students presented working models on IoT, Embedded Systems, Image Processing, and Wireless Communication domains. The event was coordinated by Mr. KR Surendra, Asst. Prof., SVCE.



- On April 18, 2025, the SVCE(BF) ECE Department IEEE SVCE Student Branch organized the INAUGURAL 2025 session. The event was coordinated by Sk Allabaksh, Asst. Professor, SVCE ECE dept. During the session, they introduced SPECTRUM, their official IEEE Student Branch magazine.
- Orientation Session: Organized by Dr. S. Gautami and Mr. J. Nagaraja Naidu in collaboration with the National Institute of Securities Markets (NISM) on 16th May 2025. The session focused on the theme “Professionalising Securities Markets” and aimed to provide MBA students with insights about financial market certifications and career opportunities.
- A Program “ACM Student Chapter Inauguration “ Conducted on 19-05- 2025.
- Pushpit Steels Pvt. Ltd.: On 14th May 2025, 76 MBA students, accompanied by faculty members Dr. S. Gautami, Mr. M. Naren Kumar, and Mr. SMD Salman, visited Pushpit Steels Pvt. Ltd. The visit provided practical exposure to industrial operations and real-time business processes in the manufacturing and steel sectors.
- Hindustan Coca-cola Beverages Pvt. Ltd.: On 22nd May 2025, 56 MBA students, accompanied by faculty members Mr. M. Naren Kumar, Mr. Nagaraju Nadiu J, and Mr. Hari Krishan Reddy D, visited Hindustan Coca-cola Beverages Pvt. Ltd. The visit provided insights into soft drinks manufacturing processes and operations management.

BOOK/BOOK CHAPTERS PUBLISHED IN THIS MONTH (Faculty)

- "Applications of Machine Learning in Power Electronics for Integration of Renewable Energy Sources" by Dr. Kumar K and Dr. V Lakshmi Devi Professor SV College of Engineering, Tirupati). ISBN: 9798896101857
- "Environmental System Analysis" by Dr. M. Chittaranjan Professor, Department of Civil Engineering, SVCE. ISBN: 978-93-93658-46-5
- "Soil Mechanics" by Dr. M. Chittaranjan. Professor, Department of Civil Engineering, SVCE Published by Scientific International Publishing House. ISBN: 978-93-6674-455-1
- K.Sreedevi has successfully published a patent "Real-Time Assessment and Feedback in Education with Leveraging Multimodal AI with Augmented Reality for Skill Mastery", Application No.202441093461 A, Publication Date: 06/12/2024.
- Mrs K Amala, Assistant Professor in ECE dept published a book chapter entitled "Convolutional Neural Network for Classification of Image-Based Malware: A Deep Learning Approach" 978-981-99-2832-3- pp 469–480.
- Dr.B.Venkatesh Reddy and YV Krishna Reddy received a Grant on 24th Jan 2025 from ANRF for international conference.
- Mrs. G. Anusha, Assistant Professors, Department of Civil Engineering, published a text book title "PLANE AND GEODETIC SURVEYING".
- Dr S. Sudhakar Reddy, Professor of Mathematics, has published text book with entitled as first edition "Calculus and Linear Algebra" on RK Publications with ISBN : 978-93-48655-70-7.
- The book titled "Cyber Security: The Beginner's Guide" is authored by Dr. J. Sarada, C. Raja Sekhar, A.D. Silvara Kumar, and Kurnutala Naresh. It is published by GARUDA Publishers. The ISBN details for the book are 978-81-984590-1-5 and 9 789198 450015
- The book titled "Soft Robotics for Medical and Healthcare Applications", edited by Tharakeshwar Appala, was published by CRC Press on 27th May 2025. The book, classified under Computer Science, Engineering & Technology, is the 1st edition and spans 260 pages with eBook ISBN 9781003539612 and DOI <https://doi.org/10.1201/9781003539612>

AWARDS

- SVCE proudly hosted the Pinning Ceremony of the University Innovation Fellows (UIF), Stanford University, honouring our students who have completed this prestigious program. Fellows Honoured:
 - Theertham Rajasri - 21BF1A05G3 (CSE)
 - Poreddy Keerthana Reddy - 219E1A3384 (CSM)
 - Kotte Puneeth Reddy - 21BF1A04K0 (ECE)
 - Setupalli Tirumala Gopinadh - 21BF1A05F0 (CSE)



- The 2024-25 National Level Techno-Cultural-Sports Fest (ASHV) was successfully conducted at MITS, Madanapalle on February 21st & 22nd, 2025. Several events were held, and students showcased their exceptional talent and competitive spirit.
- In Volleyball (Women), the team secured the championship, demonstrating outstanding teamwork and skill. The Throwball (Women) team achieved the runner-up position, displaying commendable effort and coordination.
- In Athletics (Shotput - Women), J. Siva Keerthana (III ECE) secured 2nd place, while in Chess (Women), V. Sai Nishitha (III CSE) secured the runner-up position.
- For the men's events, the Kabaddi (Men) team put up a strong performance and secured the runner-up position. In Chess (Men), K. Thushar Reddy (IV EEE) emerged as the winner, while R. Thanveer Ahammed (IV CSE) secured the runner-up position.

- Dr. K Kumar acted as a resource person for 3 days STTP "Advancement in Electric Vehicles and Hydrogen Fuel Cell Technology for Sustainable Mobility" during 08.04.2025. Dr. Mahalingam College of Engineering and Technology Pollachi, Tamil Nādu.
- Dr. V Lakshmi Devi acted as a resource person for 3 days STTP "Advancement in Electric Vehicles and Hydrogen Fuel Cell Technology for Sustainable Mobility" during 08.04.2025. Dr. Mahalingam College of Engineering and Technology Pollachi, Tamil Nadu.
- R. Venkataramna, Assistant Professor Published a paper entitled “A Hybrid model Combining CNN-SVM for Cervical Cancer Classification” at the 2nd International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR) DOI:10.1109/ICAITPR63242.2024.1059830.
- J.Omkar Reddy, Assistant Professor Published a paper entitled “Smart farming using Machine Learning” at 1st International conference on Emerging Trends in Engineering, Technology & Management (ICETM 2k25) 11-12 Apr 2025.
- I.Madhavilatha, Assistant Professor Published a paper entitled “A Comprehensive study of secure clustering and routing for MANETs using Fuzzy clustering and optimization algorithms” at 4th IEEE International conference on Distributed computing and Electrical circuits and Electronics (ICDCECE) 25-26 Apr 2025.
- Mr. Venkateswara Raju Konduru served as a Reviewer for one manuscript submitted to Scientific Reports in the year 2025, with the contribution recognized on 01 April 2025.
- On 17-04-2025, DMS has conducted a one-day Intra-Brand Quiz in association with Reliable Corporate Services, Tirupati. A total of 130 teams participated in the event. First Prize: G. Srivathsan, MBA II Year, C. Sai, MBA II Year. Awarded ₹1500 and Achievement Certificates. Second Prize: M. Muni Likhitha, MBA I Year, V. Kavya Sri, MBA I Year, Awarded ₹1000 and Achievement Certificates. Third Prize: V. Charisma, MBA II Year, U. Poorna Pravallika, MBA II Year. Awarded ₹500 and Achievement Certificates.
- P. Guru Sai Naga Jasmitha of ECE-1st year SVCE won KSNR TROPHY in Chess tournament in Games and Sports Competitions (KSNR Trophy) held on 14th April, 2025 at KSRM College of Engineering Kadapa.



AWARDS

- Dr. V.Lakshmi Devi, Prof & HoD Dept of EEE, Dr M Chittaranjan Prof & HoD Dept of Civil Engg, Dr M Vamsi Krishna Prof , dept of ME, Dr E Venkata Kondaiah, Assoc. Prof, Dept of ME, D.Anjan Kumar Reddy Asst. Prof, Dept of ME, attended facilitation program at AICTE,New Delhi for successful completion of PG certification AICTE,IIT Patna.
- Dr. K. Praveen, Assistant Professor, Department of Civil Engineering is awarded as recognised reviewer (silver) in contribution to EVERGREEN.
- Mr. E Ananth Shankar Assistant Professor ECE department conferred with doctoral degree by SV University, Tirupati under the guidance of Dr S Varadarajan Professor SVU Tirupati on 01-02-2025.
- Dr K Upendra Raju, Associate Professor of ECE department SVCE Tirupati (BF) recognized as Research Excellence award by InSc –Institute of Scholors for th year 2024 in April 2025
- Dr. Balaji Ganesh N, Asst Professor, Dept of Mechanical Engineering, received certificate of excellence as a reviewer from the Journal of Material research and reviews.
- Mr. Charan, Asst Professor, Dept of Mechanical Engineering received certificate of reviewer from the journal of Advanced composites and hybrid materials.
- Dr.Shaik Rafi Kiran, Professor, Dept of Electrical and Electronics Engineering, achieved Springer Nature Editorial Contribution Award by Scientific Reports Journal, Nature on 29-5-25.
- Dr.Shaik Rafi Kiran, Professor, Dept of Electrical and Electronics Engineering, achieved Springer Nature Author Service Award Springer Nature Author Service Award.
- The National Level Youth Festival, Mahostav 2K25, held at Vignan's University, Guntur, from February 6th to 8th, 2025, saw students from Sri Venkateswara College of Engineering excel in various sports. Notably, the women's Kabaddi team secured the runners-up position, with key players including V. Deedepya (IV ECE, Roll No. 21BF1A0406) and A. Vanitha (IV ECE, Roll No. 21BF1A0410). The women's Volleyball team also achieved runners-up status, featuring standout performers like N. Mahalakshmi (III CSE, Roll No. 22BFA05250) and J. Siva Keerthana (III ECE, Roll No. 22BFA04119). These achievements highlight the dedication and talent of the students, reflecting the college's commitment to fostering a well-rounded educational experience that includes both academic and sports excellence.
- Dr. Keerthipati Kumar served as a Reviewer for the 4th IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2025), organized by the IEEE Student Branch at Ballari Institute of Technology and Management, Ballari, held on 25–26 April 2025.

FDPs ORGANIZED

- Department of ECE in association with R & D organized an a guest talk on “Research and Development Proposal-Insights” for the faculty of various departments on 23-07-2024. The resource person being Dr Muruganantham, Professor in EEE,M. A. M College of Engineering & Technology Tirucunapalli-621105.
- AICTE-ATAL Academy Sponsored Six Day Faculty Development Programme on “Artificial Intelligence, Machine Learning and Data Science with Research Applications” organized in the Department of CSE at SVCE from 21-26 Oct 2024.
- Dr.Shaik Rafi kiran attended National level FDP on Emerging IOT technologies and secure applications in smart systems and E-Healthcare On 21st to 26th December.
- successfully organized AICTE & ATAL sponsored online SIX DAYS Faculty development programme on the theme "Machine Learning Through the Lens of Mathematics" from 23 December 2024 to 28 December 2024.
- Enhancing Research & Development through Sponsored Projects" on 03-01-2025, with Dr. D. Subramanyam, Professor in the Mechanical Engineering Department, as the resource person.



- Awareness Session on Outcome-Based Education (OBE) - CO-PO Mapping and Attainment" on 18-01-2025, with Mr. S. K. Allabaksh, Assistant Professor in the ECE Department, as the resource person.



FDPs ORGANIZED

- Awareness Session on Research Funding and Proposal Writing" on 18-01-2025, with Dr. C. Chandrasekar, Professor in the ECE Department, as the resource person.
- Department of ECE, SVCE Tirupati has conducted a one day FDP entitled "MATLAB Tool Boxes" in association with MathWorks during 18-03-2025 for the Faculty, coordinated by Dr G Chandraiah, Professor in ECE SVCE. The resource person is Mr J Prem Kumar, Product Manager, Mathwork Education ARKANCE IN Private Limited
- 1. From March 24 to 28, 2025, Dr. P. Jaya Prakash, Associate Professor in the Department of Information Technology, participated in a 5-day Faculty Development Program (FDP) on "Innovation and Entrepreneurship" organized by IISER & AICTE.
- 2. On April 18, 2025, the Department of ECE, SVCE Tirupati conducted a one-day online FDP entitled "MATLAB Tool Boxes" in association with MathWorks for the faculty, coordinated by Dr. G. Chandraiah, Professor in ECE, SVCE.
- 3. On April 26, 2025, the Department of Management Studies at SVCE, in partnership with Helios Hospital, conducted a Management Development Program (MDP) titled "Building Financial Wisdom, Team Synergy, and Happiness for Healthcare Professionals" in Tirupati.
- 4. Dr. M. Neeraja, HoD, Department of Management Studies, SVCE, organized a Faculty Development Program (FDP) Association with WADHWANI FOUNDATION(JNTUA) on "Five-Day Train the Trainers Program on Entrepreneurship and Venture Creation." Held at SVCE, from 13-05-2025 to 17-05-2025.
- Sri Venkateswara College of Engineering (SVCE), Tirupati, successfully conducted an AICTE-sponsored Eight-Day Faculty Development Programme on Universal Human Values – II from June 23–30, 2025. This FDP provided educators with valuable insights into human values and ethics in education.



FDPs ORGANIZED

- Sri Venkateswara College of Engineering (SVCE), Tirupati, successfully conducted an AICTE-sponsored Eight-Day Faculty Development Programme on Universal Human Values – II from June 23–30, 2025. This FDP provided educators with valuable insights into human values and ethics in education.

The collage consists of five images:

- AICTE - Sponsored 8-Day Faculty Development Programme on Universal Human Values - II (23 to 30 June 2025)**
- Inauguration Ceremony**: Shows a group of people participating in a traditional Indian inauguration ceremony.
- Felicitation of the Guest of Honor**: Shows a group of people, including a woman in a purple sari, receiving a framed certificate or plaque.
- Valedictory**: Shows a group of people, including a man in a white shirt, receiving a framed certificate or plaque.
- Group Photo with Participants**: A large group photograph of all the participants and organizers.

Logos at the top left: NAAC, NBR, MHRD, NIRF.

SVCE TIRUPATI logo at the top right: EDUCATION FOR A BETTER SOCIETY.

Address at the bottom left: karakambadi road, Tirupati.

Website and social media icons at the bottom right: www.svce.edu.in, svcetirupati.

