

Prasad V Potluri
SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA
NBA & NAAC Accredited, ISO: 9001-2015 Certified Institution, AICTE Approved &
Permanent Affiliation to JNTUK, Kakinada
(Sponsored by Siddhartha Academy of General & Technical Education, Vijayawada)
DEPARTMENT OF FRESHMAN ENGINEERING
A.Y.2025-26(Activities)

1. Workshops / Seminars / Guest Lectures / Training Programs / Symposiums Organized

The Department of Freshman Engineering organized the following:

- ❖ A One Day Seminar on “Indian Freedom Struggle” (Dramatic depiction of Independent India) was organized to all the I B.Tech. students on 18-08-2025 to develop National Unity and Identity, Inspiration for Global Movements and Cultural Awakening.
- ❖ A One Day Guest lecture on “From classroom to commerce: Demystifying start up journey” was conducted on 20/08/25 for I B. Tech. students. Resource Person: Mr.Sri Ramnath, CEO & Founder of Lippon group
- ❖ A Guest Lecture on “Role of Engineers in Nation Building” was organized to all the I B.Tech. Students to train future engineers and Boosting industrialization, innovation, and employment on 15-09-2025. Resource Person: Er. N. Kannaiah Naidu, National Expert in Hydraulic Gates and Handling Equipment.
- ❖ A Guest Lecture on “Computing” was organized to all the II B.Tech. students to acquire knowledge in Logical thinking and algorithmic design to solve real-world problems on 20-09-2025. Resource Person: Dr. L. Rama Krishna, Associate Director, ARCI.
- ❖ A One Day Seminar on Journey to Self- Realization through Sushumna Kriya Yoga is organised for all the I B. Tech students on 18-10-25. in collaboration with IQAC,
- ❖ A One-week Workshop titled YES!+ (Youth Empowerment & Skills) organized from 1.11.2025 to 5.11.2025. A total of 122 students from Civil, Mechanical, and EEE departments participated. Resource Person: Mrs. Sireesha Rudraraju, Master Trainer, Sushmana Kriya
- ❖ A Guest Lecture on the role of Nano Technology and Robotics in Healthcare was organised to all I B. Tech students on 16-12-25. Resource Person: Dr. Murali Krishna. Cherukuri, Head Biophysics Department, NIH, Bethesda, MD, USA.
- ❖ A Guest Lecture for I B.Tech. Students on “Computing with Matrices” were organized by the faculty of Mathematics on 27-02-2026.
Resource person: Prof. Challa Subrahmanya Sastry, IIT Hyderabad.
- ❖ A Guest Lecture on “From Tradition to Technology: Life Lessons for Young Engineers from Indian Culture” was organized for all I B.Tech. Students on 04-02-2026.
Resource person: Dr. Medasani Mohan, Director, Annamacharya Project, TTD.
- ❖ A Guest Lecture on “Electrical Engineering – Backbone to Modern Technology” was organized for all I B.Tech. Students on 21-02-2026.

Resource person: Mr. M. Narayana Prasad, Narayana Prasad Electrical Works, Autonagar, Vijayawada.

- ❖ A Guest Lecture for I B.Tech. Students on “AI in the Development of New and Novel Materials: Revolutionising Material Science with Artificial Intelligence” was organized by the faculty of Chemistry on 02-03-2026. Resource person: Dr. M. Satyanarayana, Assistant Professor (Sr. Grade II), School of Advanced Sciences, VIT-AP University.
- ❖ A Guest Lecture for I B.Tech. Students on “Emerging Technologies for Sustainable Future” were organized by the faculty of Physics on 10-03-2026. Resource person: Dr. V. Jayalakshmi, Associate Professor, Department of Physics, NIT Warangal, Telangana.
- ❖ A Guest Lecture for the faculty on “Research Paper Publication in High Impact Journals, Research Grant, and Patent Publication” was organized by the faculty of Physics in association with R&D, FED, on 10-03-2026. Resource person: Dr. V. Jayalakshmi, Associate Professor, Department of Physics, NIT Warangal, Telangana.
- ❖ A Guest Lecture for all I B.Tech. Students on “Basic Mental Health Awareness” were organized to promote emotional well-being, stress management, and healthy coping strategies among students on 08-04-2026.
Resource person: Dr. Medikonda Meena Kumari, MD (Psychiatry), Latha Super Speciality, Ankura, American Kidney Institute Hospitals, Vijayawada.
- ❖ A One-Day Guest lecture for I B.Tech. Students on “English Language Day – From Legacy to Laboratory” were organized on 23-04-2026 as part of the English Language Day celebrations 2026.
Resource person: Dr. Sarabani Basu, Associate Professor, Department of Literature and Language, SRM University, A.P.
- ❖ A Ten-day workshop on “Student Innovation and Entrepreneurship” was organized for I B.Tech. Students from 01-04-2026 to 10-04-2026. A total of 79 students participated. Resource person: Mrs. Krishna Sowjanya, Founder, Business Consulting and Training, Rajahmundry. Organizer: Dr. M. Srilakshmi, Professor & HOD, FED.
Faculty Coordinators: Mr. P. Ramakoteswararao, Assistant Professor, FED, and
 ○ Mr. T. Pullarao, Assistant Professor, FED.
- ❖ A Guest Lecture for I B.Tech. ECE students on “Becoming a Competent Future-Ready ECE Engineer: Theory to Innovation” was organized by the NDLI Club in association with FED on 06-03-2026.
Resource person: Dr. C. Subba Rao, Professor & HOD, ECE, PVPSIT.
- ❖ An online programme for I B.Tech. Students on “Awareness Programme on NDLI” were organized by the NDLI Club in association with FED on 18-03-2026.
Resource person: Mr. N. Rama Rao, Librarian, PVPSIT.

2. Orientation Programmes Organized under Student Induction Programme

- ❖ Universal Human Values course was conducted for I B. Tech. students From 04/08/2025 to 06/08/2025.
- ❖ Literary and Cultural Club orientation was conducted for I B. Tech. Students by Dr.M. Rudrama Devi, Coordinator-Literary and Cultural Club & Assoc. Prof., FED on 07/08/2025
- ❖ Dr. T. Preethi Rangamani and Dr. S. Lakshmi Tulasi conducted an Orientation session on Nutritional importance for Health and Wellness and introduced the TasteUp Telugu Tangs -Nutrition Fest on 07/08/2025

- ❖ The Women Grievance Cell Orientation session was conducted for the I B.Tech Girl students by Dr.P.Adilakshmi and Dr.P. Lakshmi Lavanya on 07/08/2025
- ❖ An Orientation session on Yoga was conducted for I B.Tech Students by Yoga Master Sri K.V.S.K Murthy on 07/08/25
- ❖ UHV Orientation Program was conducted for I B. Tech. Students by Dr.B.Surya Prasad Rao, Assoc. Prof. ECE Dept. on 08/08/2025.
- ❖ I B.Tech Students Visited Medical & Health Exhibition at Dr. Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation on 08/08/2025
- ❖ Art of Living session was conducted to I B.tech students on 11/08/25 to 12/08/25
- ❖ I B.Tech students visited HEAL Paradise, Aagiripalli on 11/08/25 and 12/08/25.
- ❖ NSS Orientation was given by Dr.M.Shyamsundar for I B. Tech. Students on 12/08/2025
- ❖ NCC Orientation was given by Lt. Dr. M. Dhadurya Naik for I B. Tech. Students on 13/08/2025.
- ❖ Institute innovation council orientation was conducted for I B.Tech students by Dr.V.Jagadish, Professor & HOD, Civil Engineering on 13/8/2025.
- ❖ Gratitude to the Nation program was conducted for all I B.Tech Students on 18/08/25.
- ❖ Cultural Performances by I B.Tech students was conducted on 18/08/25.
- ❖ A Two Day Seminar on “ The role of Innovation in Entrepreneurship was held for first year students on 19/08/2025 to 20/08/2025.Resource Person:Ms.S.Krishna Sowjanya,Founder of Businest Consulting & Training
- ❖ A One day workshop on “From Campus to Career: Life Skills Every Engineer Needs”was conducted on 21/08/2025Resource Person: Dr.Murali Krishna,Professor of Civil Engineering,Former Vice Chancellor of JNTUK.
- ❖ Disciplinary committee orientation was conducted for I B. Tech. Students by Dr. Ch.Padmanabha Raju, Chairman Disciplinary Committee & HOD, EEE Dept. on 22/8/2025
- ❖ An Orientation program was conducted by the Controller of Examination Cell, Dr.M.S.R. Niranjan Kumar on 22/08/2025 to all I B.Tech Students.
- ❖ A One day Seminar on Go Healthy was organised for I. B.Tech students by the Environmental Sciences faculty to create awareness on Gut health on 23/08/25. Resource Person: Dr.Vikram Annamaneni, Gastroenterologist, VZA.
- ❖ A Nutrition Fest titled ‘Tasteup Telugu Tangs’ – A Celebration of the Flavours of Andhra Pradesh was organized for I B.Tech students by the Environmental Sciences faculty on 23-08-2025.

3. Industrial visits

- ❖ Industrial visits were organized for I B.Tech. Students of various branches from 12-02-2026 to 20-02-2026. A total of 741 students participated in visits to industries and organizations such as CIPET, Heal Paradise, NUTAN Offset Printing Industry, Model Dairy, KCP Sugar Factory, Coca-Cola at Mangalagiri, and the Railway Workshop at Vijayawada. These visits provided students with practical exposure to industrial processes, manufacturing techniques, and workplace practices.

4. Projects Applied

- ❖ Dr.G.Sreedevi as a Project coordinator, Dr. Ratna kumari -ECE, Mr.A.Prashant -CSE, Dr.M.Silpa - FED as Project members Submitted a project proposal entitled Shaping Next Gen. Innovators Undergraduate Teaching Laboratory and Minor UG Programme Initiative under the National Quantum Mission testing to Quantum Technology Cell

(QTC) Division of Department of Science and Technology on 24-08-2025. Proposed Budget -1,34,15,000.00 (One crore thirty four lakhs fifteen thousand rupees)

- ❖ Dr A. Purnachandra Rao applied for a research project titled, “Assessment of PM-Kisan Samman Nidhi’s impact on the Welfare of Agriculturists’ Families: Micro-level Perceptions from Southern Coastal districts of Andhra Pradesh” under ICSSR Research Projects on “Family and Family Systems in India” on 07th November, 2025.
- ❖ Dr.M.Shyam Sundar has applied for an ICSSR Project titled,“Echoes of the Hearth: An Exploratory Study on the Forgotten Story Cycle of the Tribes of Andhra Pradesh, under the Multi-Disciplinary Studies on Particularly Vulnerable Tribal Groups (PVTGs) of India (2025-26)
- ❖ Dr Sk.Rehena applied for a research project titled,“Technology-Enhanced Learning tools for Improving English Proficiency among Engineering Undergraduates of Andhra Pradesh and Telangana ” under ICSSR Research Projects on “Major Research Projects- Indian Languages, Linguistics, and Translation Studies - Technology-Language Interface” on 13th December, 2025. Submission Reference Number:ICSSR-RMM-2025-155. The total budget of the project is 30,00,000/-., Duration of the project- 2 years.
- ❖ Dr.Silpa. Mandava has applied for a research project titled, "Advancing Sustainable Solvent Systems: “Thermodynamic and Thermo acoustic Studies of Green Solvent-Based binary and Ternary Mixtures”,under ANRF Prime Minister Early Career Research Grant Project on 2nd December 2025.Submission Reference Number: ANRF/ECRG/2025/002180/PMS, The total budget of the project is 60,14,280/-. The duration of the project is 3 years.
- ❖ Dr. Usha Rani and Dr. Pavani Peddi have jointly submitted a research project proposal titled “Sustainable Bio-Derived MXene Composites for Advanced Treatment of Pharmaceuticals, PFAS, and Endocrine-Disrupting Chemicals in Wastewater.” The proposal was submitted to the Anusandhan National Research Foundation (ANRF) through its online portal with Reference Number: ANRF/STI/2025/000087/CoESTI. The total budget of the project is ₹15,60,000/-. Duration of the project 3-5 years.
- ❖ Dr. P. Lakshmi Lavanya applied for a research project titled ‘A Periodic Progressive Instructional Model for Enhancing Speaking Skills among Technical Students (PPIMESS) in A.P.’ under ICSSR Research Projects on “Minor Research Projects-Education and skilling” on 19-12-2025. Reference Number:ICSSR-RMM-2025-6935. The total budget of the project is 10,00,000/-., Duration of the project- 1 years
- ❖ Dr. T. Preethi Rangamani submitted a research proposal under the Scheme IKS BG Samvardhan Yojana Proposal (Competitive Research Proposal) 2026–27 on 30-01-2026. Proposal ID: IKS-1769240387222. Title: “Telugu Home Foods as an Indigenous Nutritional System: An IKS-Based Evaluation of Their Role in Health Promotion and Disease Prevention.”
- ❖ Dr. G. Sreedevi submitted a project proposal titled “Eco-Friendly Multi-Nutrient Bio-Nanocomposites with Zn, Fe and Cu via Green Synthesis: Bridging Lab-to-Land for Smallholder Farmers in India” as a preliminary application for the Sree Ramakrishna Paramahansa Research Grant 2026 for Agriculture, Vijayawada, Andhra Pradesh, India.

5. Faculty Achievements (Patents, Higher Qualification Awarded, Guest Lectures Given, Awards and Rewards, Acted as Resource Person, etc.)

a) Patents

- ❖ Dr. Sk.Rehena published a patent application No. 202541057896 entitled “enhancement of undergraduate student’s language competence through pragmatic practices” on 04-07-2025.
- ❖ Dr.P.Lakshmi Lavanya published a patent application No.202541058094 entitled "Transforming ELT through ICT: Contemporary Practices and Future Directions” on 04- 7-2025.
- ❖ Mr. T. Pullarao and Dr. G. Sreedevi published a patent application No. 202541063838 entitled “Mxene- based zro2 catalytic nanohybrid structures for enhanced green hydrogen production” on 11/07/2025.
- ❖ Pavani Peddi published a patent titled Green Synthesis of Potassium Nanoparticles Using Plant Extracts for Agricultural Application. Application No. 202541082770, published on.ohybrid structures for enhanced green hydrogen production” on 19th September 2025
- ❖ Dr.N.Usharani Published a patent Application No.202541088810 A entitled “ An Intelligent Hybrid Super capacitor Battery Energy Storage System Utilizing Green Synthesized Nanocomposite Electrodes “ on 17/10/2025..
- ❖ Dr. Silpa Mandava published a patent application (No. 202541114094A) titled “Thermodynamic and Thermoacoustic Characterization of Binary Liquid Mixtures of the Green Solvent Furfuryl Alcohol with Ethylene, Diethylene and Triethylene” on 09-01-2026.
- ❖ Dr. P. Lakshmi Lavanya published a patent application (No. 202641001622A) titled “Tinter Language Syntax: The Influence of Telugu on English as a Second Language Acquisition” on 06-03-2026.
- ❖ Dr. Sk. Rehena published a patent application (No. 202641005940A) titled “Innovative Pedagogical Practices Integrated with Technological Tools to Enhance English Language Proficiency of Engineering Students” on 20-03-2026.
- ❖ Dr. Sk. Rehena published a patent application (No. 202641005946A) titled “A Technology-Based Learning Strategy-Oriented Educational Framework for Enhancing English Language of Engineering Undergraduates” on 20-03-2026.
- ❖ Dr. P. Lakshmi Lavanya published a patent application (No. 202641060087A) titled “Beyond Equations: Giving Voice to Rural Engineering Talent Using TBLT” on 03-07-2026.
- ❖ Dr. P. Lakshmi Lavanya published a patent application (No. 202641060088A) titled “Assessing the Effectiveness of Periodic Progressive Classroom Instruction in Writing Skills (PPCIWS)” on 03-07-2026.

b) Reviewers of Journals

- ❖ Dr. N. Usha Rani reviewed a paper titled, "GC-MS Profiling of secondary metabolites in Hexane and Ethyl Acetate Crude Extracts of Red Sea Soft Coral *Xenia Macrospiculata*," for the Toxicology International. Journal which is indexed in Scopus
- ❖ Dr A. Purnachandra Rao reviewed a research paper for the journal, “Swarm and Evolutionary Computation” (SCIE & SCOPUS) on 29th August, 2025.
- ❖ Dr.Pavani Peddi, Reviewed Research Paper for the Journal of Nanoparticle Research (SCIE & Scopus Indexed) during September 2025
- ❖ Dr.Pavani Peddi, Reviewed Research Paper for Journal of Fluorescence (SCIE & Scopus Indexed) during September 2025.
- ❖ Dr. A. Purnachandra Rao has been selected as Reviewer for the open access SCOPUS Indexed International journal, “Social Sciences & Humanities Open”.

- ❖ Dr.P.Lakshmi lavanya has been selected as Reviewer for the open access Web of science International journal, “Scientific research and reports
- ❖ Dr A. Purnachandra Rao reviewed a research paper titled, “Enhancing Spoken English Learning with IoT-Enabled POA Model: Deep Learning-Driven Sensor Fusion and High-Accuracy Pronunciation Correction” for the journal, “Internet of Things and Cyber-Physical Systems” (SCOPUS) on 10th December, 2025.
- ❖ Dr A. Purnachandra Rao reviewed a research paper titled, “The Impact of Artificial Intelligence on English Writing Proficiency: A Meta-Analytic Review” for the journal, “Social Sciences & Humanities Open” (SCOPUS) on 23rd December, 2025.
- ❖ Dr. A. Purnachandra Rao reviewed a research paper titled “Speaking through Screens: A Critical Review of Duolingo for Oral L2 Development in Adult Learners” for the journal Social Sciences & Humanities Open (Scopus) on 31 January 2026.
- ❖ Dr. A. Purnachandra Rao reviewed a research paper titled “Exploring ELT Graduate Students’ Understanding and Practices of Language Assessment: An Explanatory Sequential Mixed-Methods Study” (SSHO-D-25-08347) for the journal Social Sciences & Humanities Open (Scopus) on 23 February 2026.
- ❖ Dr. A. Purnachandra Rao reviewed a research paper titled “Application of Advanced NLP and Real-Time Speech Recognition Techniques to Support Effective Oral English Training and Pronunciation Assessment” (SPECOM-D-25-00610) for the journal Speech Communication (SCIE) on 11 March 2026.
- ❖ Dr. A. Purnachandra Rao reviewed a research paper titled “Current Patterns of Livelihood Diversification in the Eastern Gangetic Plains: Insights from Smallholder Farmers” (RURAL-D-25-03164) for the Journal of Rural Studies (Scopus & Social Sciences Citation Index) on 3 April 2026.
- ❖ Dr. A. Purnachandra Rao has been selected as a reviewer for the open-access international journal Acta Psychologica, SAGE Publications (Scopus & Web of Science), since April 2026.

6. Faculty Participation (as Judge, Guest, or BOS Member, and Chairing a Session, etc.)

- ❖ Dr.G.Sreedevi and Dr.M.Silpa acted as judges for innovative science & technology projects at the Eenadu Science Fair 2025, hosted at PVP Siddhartha Engineering College, Vijayawada on 20-11-2025.
- ❖ Dr. A. Purnachandra Rao has been elected as Executive Member, South Zone, for the All India English Teachers’ Association (AESI) for a consecutive third term, for the period 2025–2028, on 11 January 2026.
- ❖ On the occasion of International Women’s Day, Mrs. Y. Pavani attended as Chief Guest at a program organized by the Janasena Party Karyalayam, Bhavanipuram, to honor the brave women of the undivided Krishna District. On this occasion, she was also felicitated as “Best Woman” in recognition of her service to society.
- ❖ Dr. A. Purnachandra Rao has been elected as one of the Joint Secretaries of the All India English Teachers’ Association (AESI) for the period 2025–2028.
- ❖ Dr. Pavani Peddi received notification from Wiley that her paper, “Green Analytical Approach for HPLC Method Development for Quantification of Sorafenib and Its Pharmacopeia Impurities: LC-MS/MS Characterization and Toxicity Prediction of Stress Degradation Products,” published in Separation Science Plus in 2024, is among the journal’s ten most-cited papers of the year.

7. Engineers' Day Events

- ❖ On the occasion of Engineers' Day, the Chem Crew Club of Freshman Engineering organized a Treasure Hunt titled "*Hunt for a Greener Future*" on 11th September 2025. About 350 first-year students participated actively, solving clues related to eco-friendly practices and promoting environmental awareness through teamwork.
- ❖ As part of National Engineers' Day-2025 celebrations, the Project Club organized Idea Presentations on "*Smart Ideas for a Sustainable World*" on 13-09-2025. A total of 30 students participated.
- ❖ The Dance Club of Freshman Engineering organized a Dance Competition on 15th September 2025. Eleven teams with 32 students participated.
- ❖ The Music Club organized a Music Competition on 12th September 2025, in which 14 students have participated..
- ❖ A *Techno Ramp – Engineer's Walk* was organized on 15th September 2025, 32 students have been participated.
- ❖ The Arts and Crafts Club organized a *Technical Toy Expo* and *Technical Rangoli* on 15th September 2025. I B.Tech students actively participated and presented models and creative designs on themes such as Rainwater Harvesting, Smart City, Chandrayaan, Mars Colonization, and Hybrid Civil City.
- ❖ The Project Club organized a *Technical Quiz* on 12th September 2025, with 148 students.
- ❖ The Coding Club organized "*Logic Ladder*" on 12th September 2025 in which 35 students participated and won prizes.

8. Anti-Ragging Celebrations

- ❖ As part of Anti-Ragging Celebrations, various competitions such as Essay Writing, Slogan Writing, Debate, and Poster Presentation were conducted from 01-09-2025 to 06-09-2025.

9. Knowledge Gain Programme

- ❖ The Department of Physics organized a Knowledge Gain Programme by arranging visits to the exhibition "*Atoms in the Service of the Nation*" on 08-09-2025 and 11-09-2025. A total of 305 I B.Tech students from CSM, CSD, Civil, Mechanical, and IT branches visited the expo organized in collaboration with IGCAR, Kalpakkam, under the Department of Atomic Energy.

10. Cultural and Sports Activities

- ❖ Dr. M. Srilakshmi, Professor & HOD, FED, secured first prize in fun games on the occasion of International Women's Day celebrations held on 07-03-2026 at PVPSIT.
- ❖ Dr. Sk. Rehena, Dr. V.S.N. Malleswari, and Dr. V. Sitamahalakshmi secured first prize in group singing on the occasion of International Women's Day celebrations held on 07-03-2026 at PVPSIT.
- ❖ Dr. Sk. Rehena, Dr. T. Preethi Rangamani, Dr. M. Prameela, Dr. P. Padmaja, and Dr. V. Sitamahalakshmi secured first prize in throwball at the sports competition held on 28-03-2026 at PVPSIT.

11. MOOCs Courses Completed by the Faculty

- ❖ Dr. T. Preethi Rangamani completed the four-week Quantum Fundamentals Program 2025–26, jointly organized by Amaravathi Quantum Valley, Qubitech, and Wiser, on 02-02-2026.
- ❖ Dr. M. Prameela completed the four-week Quantum Fundamentals Program 2025–26, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser, on 07-02-2026.
- ❖ Dr. G. Raghavendra Ganesh completed the four-week Quantum Fundamentals Program 2025–26, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser, on 10-02-2026. Certificate ID: FFE6536E.
- ❖ Dr. V. Sitamahalakshmi completed the four-week Quantum Fundamentals Program 2025–26, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser.
- ❖ Dr. G. Sreedevi completed the four-week Quantum Fundamentals Program 2025–26, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser, on 22-02-2026. Certificate ID: 3D781970.
- ❖ Dr. Silpa Mandava completed the four-week Quantum Fundamentals Program 2025–26, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser, on 26-02-2026. Certificate ID: 18DC9DB5.
- ❖ Dr. V.S.N. Malleswari completed the four-week Quantum Fundamentals Program 2025–26, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser, on 24-02-2026. Certificate ID: 6B81620C.
- ❖ Dr. G. Sreedevi completed the NPTEL online certification course “Introduction to Quantum Computing: Quantum Algorithms and Qiskit” from January to March 2026 and received an Elite certificate.
- ❖ Dr. G. Raghavendra Ganesh completed the 12-week NPTEL online certification course “Scientific Computing Using MATLAB” from January to April 2026 and received an Elite certificate.
- ❖ Dr. M. Prameela and Dr. V.S.N. Malleswari successfully completed the six-week Quantum Algorithm, Fundamentals and Hands-on Training, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser.

12. Quantum Technology–Related Achievements by Students

- ❖ Iha Sri successfully completed the six-week Quantum Algorithm, Fundamentals and Hands-on Training, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser.
- ❖ 149 students completed the four-week Quantum Fundamentals Program, jointly conducted by Amaravathi Quantum Valley, Qubitech, and Wiser. The following students qualified for Wiser’s Quantum Algorithms & Hands-on Training Program.

13. Technical Events for Students Organized by Faculty

- ❖ The Faculty of Mathematics organized a series of academic competitions for I B.Tech. Students to promote mathematical aptitude, analytical thinking, creativity, and communication skills. A total of 98 students participated.
- ❖ The College ISTE Student Chapter conducted an extempore competition for I B.Tech. Students on 06-03-2026.
- ❖ On the eve of National Science Day, the Department of Physics organized a series of technical events for I B.Tech. Students from 05-03-2026 to 07-03-2026 to promote scientific awareness, innovation, creativity, and communication skills. A total of 97 students participated.

14. ECHO Club Activities

- ❖ The event “*LexiQuest: Campus Vocabulary Hunt*” was organized on 18-10-2025 to enhance vocabulary skills among I B.Tech students. Winners received cash prizes.
- ❖ The ECHO Club, initiated by the Faculty of English, organized a creative and interactive speaking activity titled “Echo Cast: Live Campus Podcast Challenge” on 23-02-2026.
- ❖ The ECHO Club, initiated by the Department of English, organized a contest titled “Biz Gallery” on 10-04-2026.
- ❖ The ECHO Club, initiated by the Department of English, organized a contest titled “Shakespeare’s Sonnets Recital” on the eve of Shakespeare’s birth anniversary, as part of the English Language Day celebrations, on 21-04-2026.
- ❖ The ECHO Club, initiated by the Department of English, organized a contest titled “Creative Writing (Story Building)” on the eve of Shakespeare’s birth anniversary, as part of the English Language Day celebrations, on 22-04-2026.
- ❖ The ECHO Club, initiated by the Department of English, organized a contest titled “Pic Speaks” on the eve of Shakespeare’s birth anniversary, as part of the English Language Day celebrations, on 20-04-2026.
- ❖ The ECHO Club, initiated by the Faculty of English, organized a Book Review Competition on the eve of the birth anniversary of Sri Rabindranath Tagore, the Nobel laureate from India in Literature, to encourage first-year students to speak about a book (any language, but presentation in English only) on 07-05-2026.

15. Department Club Activities

Dance Club

- Dance Club students won first prize in Skit (India Today) at DHANUSH–2K26 Tech Fest, organized by DIET, on 18-03-2026. Total number of students participated: 12.
- The Dance Club students showcased performances at the Annual Day celebrations on 13-03-2026.
- On the eve of Clubs Day, the FED Dance Club organized a dance contest to showcase students’ talent and passion for dance, on 10-04-2026, for I B.Tech. Students.

Project Club

- Project Club students participated in the Project Expo during DHANUSH–2K26 Tech Fest, organized by DIET, on 18 March 2026, and one group secured second prize.
- Project Club students participated in the Project Expo under Prakalpa–2026, conducted by Ramachandra College of Engineering, Eluru, on 1 April 2026.
- On the eve of Clubs Day, the FED Project Club organized a Project Expo to showcase working models and prototypes, on 10-04-2026, for I B.Tech. Students.

Music Club

- On the eve of Clubs Day, the FED Music Club organized a music contest to showcase students’ talent and passion for singing, on 10-04-2026, for I B.Tech. Students.

Chem–Crew Club

- On the eve of Clubs Day, the Chem-Crew Club organized a practical learning activity on making surf, surf liquid, and hand wash, on 10-04-2026, for I B.Tech. Students.

Arts and Crafts Club

- On the eve of Clubs Day, the Arts and Crafts Club organized an event on fruit carving and spiced buttermilk, on 10-04-2026, for I B.Tech. Students.

16. Students' Organized Activities

- ❖ I B.Tech. Students organized and participated in a ten-day workshop on “Student Innovation and Entrepreneurship” from 01-04-2026 to 10-04-2026. As part of this workshop, students organized “VIBE-2K26,” a two-day innovation and entrepreneurship event.

17. Outside the Institution

- ❖ Dance Club students participated in *Dasara Samskrutotsavalu* conducted at PB Siddhartha and MBVK on 18th and 19th September 2025 and won several prizes in events such as Flash Mob, Skit, Engineers' Dance, and Folk Dance.
- ❖ K. Jayaram (CE) secured the First Prize in the Flash Mob event. The Flash Mob team also included P. Aditya Raj, N. Nag Sai Rohith, Ch. Naga Sai Teja, M. Jayanth, P. Gnana Samhitha, Leela (MECH), A. Likhitha (CSE-1), M. Kusumitha, P. Rohini, K. Bhargav (CSE-3), P. Samhitha (CSD), Anuhya, Asha, J. Sai Siri (CSM) and R. Akshitha, Proushalya, N. Neeharika (IT-2).
- ❖ In the Skit event of *Dasara Samskrutotsavalu* held at MBVK on 18 September 2025, A. Azeem (CSE-1) secured the Second Prize, Kyathi (IT-2), Srujana (CSE-2) and Hemanth (CSM) are participated..
- ❖ In the Engineers' Dance event conducted at MBVK on 19 September 2025, A. Bala Manikanta (CSE-1) won the Second Prize, while K. Varun (CSE-1) secured the First Prize. Other participants included R. Mukesh, L. Jithendra, MD. Khasim, S. Lokesh, Md. Yusuf (EEE), P. Khyatesh (CSE-4) and P. Dundy (CSE-3).
- ❖ Freshman Engineering students, on behalf of the Echo Club and Green Quality Circle, participated in intercollegiate events *CHRYSERA* and *MUSECRAZE* and won cash prizes in Debate, Poster Making, Role Play, Stand-up Comedy, and Literary events.
- ❖ CH. Fredy Paul and N. A. Spoorthi of CSE-1 (CSD) secured Second Prize in *CHRYSERA* (Debate) organized by the Literary Club, held at PB Siddhartha Arts and Science College on 17-09-2025.
- ❖ Tiha Srilakshmi and V. Surya Acharan of CSE-IV (CSM) secured Second Prize in *MUSECRAZE* (Clash of Minds) organized by the Literary Club, conducted at Siddhartha Academy of Higher Education on 11-09-2025.
- ❖ Madhuliha of CSD secured Second Prize in *MUSECRAZE* (Pic Speaks) organized by the Literary Club, held at Siddhartha Academy of Higher Education on 11-09-2025
- ❖ Students also participated in *NAVONMESHKOTSAV-25*, a Cultural Fest organized as part of the Golden Jubilee Celebrations of SAGTE on 17 October 2025. And won prizes in Classical Vocal, Folk Dance, Mimicry, Skit, and Classical Folk Dance events.
- ❖ Classical Vocal event, P. V. R. B. Chinmayee (CSM), K. Thilakavathi (CSE-2), P. Rahul (CSE-3), G. Ujwal (CSE-2), T. Dedeepya and T. Yamini (CSE-4), and P. Khyathi (IT-2) participated and secured the First Prize.
- ❖ In the Folk Dance event of *NAVONMESHKOTSAV-25*, the team comprising A. Azeem, A. Balu, A. Mahitha, B. Anusha (CSE-1), P. Pavani (CSM), P. Charvi (IT-2), G. V. S. Hasini (CSE-1), M. Renuka (CSE-2) and N. Varshith (CSE-3) won the Second Prize.

- ❖ In the Mimicry event, A. Azeem (CSE-1) and P. Khyathi (IT-2) secured the Second Prize. In the Skit event, D. Srujana (CSE-2), A. Azeem (CSE-1), Ch. Fredy Paul (CSE-1), P. Hemanth (CSM), V. Suryacharan (CSM) and P. Sujaya Raghavi (CSD) won the Second Prize.

18. Academic and Research Achievements

- ❖ Under the guidance of Dr. N. Usha Rani 25501A0505, 25501A0564 from CSE presented a paper titled *“Leaf Nutrient Deficiency Detection Using K-Means Clustering and Mobile Integration”* in the Two-Day National Conference on Artificial Intelligence and Machine Learning for Life Sciences (AIMLS) held on November 14–15, 2025, at S.R.R. & C.V.R. Government Degree College (A), Vijayawada.
- ❖ Under the guidance of Dr. S. Lakshmi Tulasi, 25501A0511, 25501A0559 from the CSE presented a paper titled *AI for Agriculture: Offline Nutrient Deficiency Detection* in the Two-Day National Conference on Artificial Intelligence and Machine Learning for Life Sciences (AIMLS) held on November 14–15, 2025, at S.R.R. & C.V.R. Government Degree College (A), Vijayawada
- ❖ Under the guidance of Dr. P. Pavani following students presented papers in the Two-Day National Conference on Artificial Intelligence and Machine Learning for Life Sciences (AIMLS) held on November 14–15, 2025, at S.R.R. & C.V.R. Government Degree College (A), Vijayawada.
 - 25501A05D6 from the CSE presented a paper on *“AI for Pollution Monitoring”*
 - 25501A05G6 from the CSE presented a paper on *“AI for Waste Upcycling”*.
 - 25501A05H9 from the CSE presented a paper on *“AI-Driven Predictive Analytics for Sustainable Crop Growth”*.
 - 25501A05I1 from the CSE presented a paper on *“AI-Driven Tool for Disease Detection, Diagnosis, and Prediction”*.
- ❖ Under the guidance of Dr. T. Preethi Rangamani, IV B.Tech student presented a paper on *“Potassium Recovery from Banana Peel for Enhanced Soil Fertility”* in the Two-Day National Conference on Artificial Intelligence and Machine Learning for Life Sciences (AIMLS) held on November 14–15, 2025, at S.R.R. & C.V.R. Government Degree College (A), Vijayawada and secured a second prize with a cash award of Rs. 1000/-.
- ❖ I B.Tech students also participated in an Art Contest organized by Spoorthi Creative Art School on Children’s Day, 14-11-2025, where a student from EEE branch received a consolation prize.
- ❖ Under the guidance of Dr.G.Sreedevi, CSM branch students G. Divya(25501A4222), Sk,Afreen (25501A4253), B.Kavyasri (25501A4209),R.Kalyan(25501A4250), K.Keerthi varshini(25501A4228), V.Keerthi(25501A4261) participated in online international Qiskit Fall Fest 2025 association with IBM at the Catholic University of America at CUA, Quantum,. The participation was officially acknowledged under the authority of Katie Pizzolato, Vice President, Quantum Algorithms & Scientific Partnerships, IBM Quantum Catholic University of America.

- ❖ Under the guidance of Dr. P. Lakshmi Lavanya, The following students presented papers at the National Conference on Contemporary Studies in Literature, Language, and Culture, held on 15th December 2025,
 - V. Niteesh Reddy, CSE-IV, presented a research paper titled "*Beyond Equations: Giving Voice to Rural Engineering Talent Using TBLT*" and was awarded the Second Best Paper Award.
 - T. Iha Sri, CSE-IV, presented a research paper titled "*The Pivotal Role of Essential Life Skills in Health Care*."
 - R. Sai Joshitha, CSE-IV, presented a research paper titled "*From Supersession to Self-Affirmation: A Study of Custody*"
- ❖ Under the guidance of Dr. Sk. Rehena, The following students presented papers at the National Conference on Contemporary Studies in Literature, Language, and Culture, held on 15th December 2025,
 - N. Naga Devi (Regd. No. 25501A05H1), CSE-III, presented a research paper titled "*English Language Learning for Engineering Students' Employability in the Indian Context*" and received the Third Best Paper Award.
 - Ch. Aashritha (Regd. No. 25501A0503), I CSE-I, presented a research paper titled "*Innovative Practices to Improve English Language Proficiency of Engineering Students*" at the National Conference on Contemporary Studies in Literature, Language, and Culture, held on 15th December 2025.
 - Abdul Azeem (Regd. No. 25501A0505), I CSE-I, presented a research paper titled "*Role of ICT in Improving English Language Competence of Engineering Students*"
 - Fredy Paul (Regd. No. 25501A0564), I CSE-I, presented a research paper titled "*Application of Cognitive Learning Strategies in English Language Development of Engineering Undergraduates*".

19. Certification courses:

- ❖ A certification course on Programming for Problem Solving using C" was organized for I.B.Tech students of CE, EEE, ME, ECE branches from 8-11-25 to 10-11-25 and from 13-12-25 to 15-12-25 in collaboration with IQAC.
Resource persons/Trainers: From BYTES Organisation.
- ❖ 451 students of CSE, ECE and EEE completed STEP certification course offered by The Hindu group during the Academic Year 2025 – 26 (I Semester).
- ❖ 255 students of CSM, CSD, and IT completed STEP certification course offered by The Hindu group during the Academic Year 2025 – 26 (II Semester).

20. Other Information:

- ❖ Fresher's Day 2K25 was celebrated on 22nd October 2025 with active and enthusiastic participation from I B.Tech students. The event consists of dance performances, singing, mimicry and a skit, reflecting the diverse interests and capabilities of the First-Year students.

(Dr. M. Srilakshmi)

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