VISION

To produce technically competent engineers having innovative skills, positive attitude, leadership and professional ethics, with a focus on developing sustainable and new technology.
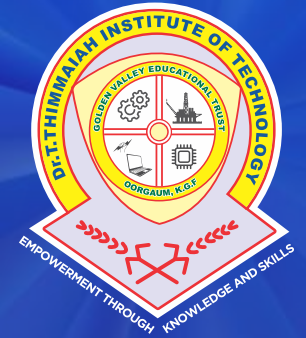
MISSION

- Create a conducive environment for teaching, learning and innovation by providing the state-of-the-art infrastructure.

- Learn sustainable and new technologies through industry institute collaborations.

- Produce technically competent engineers with ethics, discipline and social consciousness through holistic education.

GVET
GROUP OF INSTITUTIONS

Golden Valley Educational Trust

Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

Oorgaum, Kolar Gold Fields - 563 120, Karnataka
Phone : 08153- 265413, Fax : 262309
E-mail : principal@drttit.edu.in I www.facebook.com/drttit.
Web: www.drttit.edu.in

NEWSLETTER

Dr. T. THIMMAIAH
INSTITUTE OF TECHNOLOGY

July - DEC 2025 I ISSUE - 25

Mr. A. K. Naveen MNE Best Student of the college honored with Gold Medal and cash Prize of 1 Lakh

Inauguration of Student Induction Program by
Dr. T. Venkat Vardhan, President, GVET, E.S. Chakravarthi

Inter College Project expo Winners from GCEM, Bangalore

39 years of excellence

A LEADING LIGHT

THE FOUNDER

Late Dr. T. THIMMAIAH, IAS (Retd.)
President Emeritus, GVET
(1927-2014)

Dr. T. Thimmaiah Institute of Technology (Formerly Golden Valley Institute of Technology) was instituted in the year 1986 at Kolar Gold Fields by Dr. T. Thimmaiah. PhD (London) IAS (Retd), as the founder President under the aegis of Golden Valley Educational Trust, with the sole purpose of imparting quality technical education to reach all people, especially the downtrodden. He served as the Southern Regional Council for Technical Education's chairman for six years. Dr. T. Thimmaiah played a key role in approving the establishment of new polytechnic and engineering colleges throughout the southern states of India. He served as the Director of the School of Mines at Kolar Gold Fields and was the Vice President of ISTE for two terms. He was also the Director of Board of Governors, Regional Engineering College Warangal, Andhra Pradesh.

He was a member of the Joint Board of Mining Education in New Delhi as well as the Advisory Committee of the Regional Engineering College in Calicut, Kerala. Dr.T.Thimmaiah was also a Member, Board of Management of BGML at K.G.F. and was responsible for the development of in-house expertise in mine management. He previously held the positions of Deputy Commissioner for the Shimoga District and Additional Secretary for the Government of Karnataka's Department of Agriculture and Horticulture. In recognition of his remarkable contributions to the field of education in 2010, the International Peace and Integrity Society gave him the "Priyadarshini Indira Gandhi Achievement Award 2011"He had the vision and desire of achieving a Deemed University status for the GVET institutions at Kolar Gold Fields.

ABOUT OUR PRESIDENT

Dr. T. VENKAT VARDHAN
President, GVET

Dr. T. Venkat Vardhan began his professional life in the late 1980s with the visionary of conducting massive live events equal to those in foreign markets. This gradually prepared the way for everything the business he built, DNA Entertainment Networks Pvt Ltd, stands for today, enterprise, excellence and innovation. Former National leader and Chief Minister of Karnataka, Late Shri. Kengal Hanumanthaya was the grandfather of Dr. T. Venkat Vardhan. He was well known for his vision and the pivotal role he played for unification of the New Karnataka State. His legacy is cherished by the monumental edifice he built Vidhana Soudha in Bangalore, the historical landmark.

Dr. T. Venkat Vardhan is the son of Late. Dr. T. Thimmaiah, a legend in the field of education, a former I.A.S officer spent more than 50 years of his life establishing several Educational Institutions in Kolar Gold Fields, to provide high-quality education in the rural areas. Following in his footsteps. Dr T. Venkat Vardhan, President of the Golden Valley Education Trust, continues to assist the colleges under the trust in K. G. F. in growing alongside their Principals. Teachers and most importantly, the students of GVET Institutions.

He has played a pivotal role at the national level by integrating Live Entertainment and sports through media, TV and PR to make it one of the most inspirational and effective marketing tools in India. Today his company DNA Networks is responsible to over 90 percent of all large live format events that take place in India in music and sports. His work and contribution to the Event Management industry saw him being elevated as the President of the Event Management Association of India under the aegis of Federation of Indian Chambers of Commerce and Industry (FICCI).

He also serves on various National Entertainment Committees representing the live music industry. His company efficiency has been commended by the likes of White House Communication Agency, USA, the Government of Karnataka, the Government of India, Artist Managements and Sport, Leagues in India and Overseas. In recognition of his work in event management, rural education and business, the University of Jerusalem Conferred him with a degree of "Doctor of Philosophy".

He received the 2015 Rotary Vocational Excellence award for his contribution to the entertainment industry and societal education. On March 26, 2016he received recognition for his contributions to hockey and sports at Hockey India Second Annual Award ceremony.

In June 2019,WOW Awards Asia presented our president with a Lifetime Achievement award in recognition of his three decades of work in the event management industry. In 2021 ET awarded its prestigious ET F&B Leaders Award for RCB Bar &Café to our President.

PRESIDENT'S MESSAGE

For more than three decades, the Dr. T. Thimmaiah Institute of Technology has supported numerous aspiring young engineers. The institute has evolved due to good infrastructure and dedicated human resources, emphasizing professional education with creativity and innovation. Our focus on outcome-based education offers both technical and life coping skills, equipping students to become contributing members of society. We support our faculty members in engaging in research and innovation.

I congratulate all the students of batch 2021-25 for the outstanding results also who have received job offers through our placement and training cell. I thank the staff for their efforts in promoting students' overall development.

I am happy to publish the 25th issue of the newsletter, covering July, 2025 to December, 2025, and wish all students success in their academic endeavors.

- Dr. T. VENKAT VARDHAN
President, GVET

FROM THE EDITOR'S DESK

Dr. SYED ARIFF
Principal
Chief Editor

With great pride, we present the 25th issue of the Dr. TTIT newsletter, which covers from July, 2025 to December, 2025. This newsletter provides an overview of the activities in our campus, including noteworthy accomplishments by the teachers and students of the Dr. T. Thimmaiah Institute of Technology. The editorial team expresses sincere gratitude to the GVET President and Management for their support and encouragement.

STUDENT INDUCTION PROGRAMME 2025

40th induction programme was inaugurated on 30th September 2025 by the Chief Guest Dr. E. S. Chakravarthi, Advisor, BGS Group of Institution Bangalore. Dr. Chakravarthi, in his inspiring address, emphasized P.A.C.E. (Problem-solving, Attitude, Communication, and Education) as the pillars of engineering success. He urged students to learn with purpose, faculty to continuously upskill and parents to stay connected with the institution.

Dr. T. Venkat Vardhan, during his presidential speech, welcomed the students and announced his novel mentorship/guideship programme, which will largely benefit the students. He urged the students to perform well and avail the scholarships. He also informed the students and parents about the tie-up with renowned firms for skill development to make students 100% employable.

Shri Brijesh Patel, Former Secretary, KSCA & Trustee, GVET, addressed the gathering. Dr. Syed Ariff, Principal, welcomed the gathering.

Dr. Jenitha, HOD-ECE, presented the College Report and Dr. H. G. Shenoy, Vice Principal, rendered the vote of thanks.

Inauguration of Student Induction Program by
Dr. T. Venkat Vardhan, President, GVET and Dr.E.S. Chakravarthi

Felicitation to Mr. Brijesh Patil during Student Induction Program

GRADUATION DAY

Dr.TTIT celebrated its 36th Graduation Day with grandeur and inspiration on 23rd August 2025. The ceremony was graced by distinguished dignitaries – Dr. Praveen Kamath Kumbla, GM – HR & Global Head, Strategic Functional Hiring, Wipro Limited, as the Chief Guest; Dr. T. Venkat Vardhan, President – GVET, presided over the function; and Mr. Raoul Kengal Vardhan, Vice President – GVET, graced the occasion.

During the event, the branch toppers Yeshwanth R from Mechanical Engineering, Jayashree R of Electrical Electronics Engineering, A. K. Naveen of Mining Engineering, Devika A of Computer Science and Engineering, Dameeta Jeesha R of Electronics & Communication Engineering, and Deepika A. M. of Civil Engineering were awarded, and certificates were distributed to all the students.

Dr. Syed Ariff, Principal, welcomed the gathering. The graduation pledge was administered by Prof. Ruckmani Divakaran, Dean – Academics, and the vote of thanks was delivered by Dr. H. G. Shenoy, Vice Principal.

Mr. A. K. Naveen from the Mining Engineering Department has been honoured with this year's Gold Medal from VTU for Mining toppers. A cash prize of 1 lakh for the toppers of the college was also bagged by A. K. Naveen. This prestigious award has been generously instituted by our President, Dr. T. Venkat Vardhan of GVET.

2025 Branch toppers with the guests

Mr. A. K. Naveen MNE honored with Gold Medal and cash Prize of 1 Lakh

EIGHT INTERNATIONAL CONFERENCE (ICRTTEAS - 2005-26)

The 8th International Conference on Recent Trends in Technology, Engineering and Applied Science (ICRTTEAS-2025-26) was held on November 21st and 22nd, 2025. A total of 167 papers were presented on various tracks.

The gathering was welcomed by Dr. Leelavathy, Associate Professor and Head of CSE (AIML), followed by an overview of the conference presented by Dr. Jenitha A., Associate Professor and Head of ECE, Dr. TTIT, KGF. The dignitaries collectively released the conference souvenir, marking a significant moment of the event.

The inaugural address was delivered by Dr. Syed Ariff, Principal, Dr. TTIT, highlighting the importance of emerging trends in technology and applied sciences.

The Keynote Address was delivered by Mr. Charles Devenish, Chairman, Australian Indian Resource Ltd., Australia, offering valuable insights into global technological and industrial perspectives. This was followed by the Keynote Address by Dr. Uma Maheshwari, Professor of CSE, VelTech University, Chennai, Tamil Nadu, who spoke on recent advancements and opportunities in the engineering domain.

Vote of Thanks by Dr. Manjunatha Babu, Associate Professor and Head of Mechanical Engineering, expressing gratitude to all dignitaries, speakers, faculty members, volunteers, and participants for their contributions to the success of the event.

Inauguration of ICETTEAS 2025

Releasing of conference souvenir

International Conference Session in progress

INTRA COLLEGE PROJECT EXPO 2025-26

Dr. TTIT Institution's Innovation Council (IIC) and R&D Cell organized the Intra College Project Expo 2025 on 19th and 20th November 2025, providing a vibrant platform for students to exhibit their creativity and engineering skills.

A total of 153 projects from all departments were showcased, reflecting the talent, technical strength, and innovative spirit of the institution's students. The projects covered diverse domains including renewable energy, AI and ML applications, IoT, automation, robotics, software development, sustainability-focused solutions, and research-oriented engineering models.

Expert evaluators assessed the projects based on innovation and societal impact.

A total of 45 outstanding projects were selected as winners and were awarded in recognition of their excellence. All participating teams received appreciation for their efforts and contribution to the event.

INTER-COLLEGIATE PROJECT EXPO 2025

Dr. TTIT Institution's Innovation Council (IIC) and R&D Cell organized TechNexus 2025 – Inter College Project Expo on 25th November 2025, bringing together talented engineering students.

A total of around 55 projects were exhibited, covering diverse engineering domains under five major themes: Innovative Project, Social Impact, Sustainable Project, Research-Oriented Project, and Software Projects.

The welcome address was delivered by Dr. Mohammed Kareemulla, Professor, Dept. of CSE welcomed the gathering. The vote of thanks was proposed by Prof. Daphny Shallet M, Convener IIC,

The Chief Guest, Mr. Shivanshu Rajput, Superintendent of Police (SP), KGF, inaugurated the expo and addressed the gathering, inspiring students to innovate with purpose, discipline, and a focus on societal well-being. Dr. Syed Ariff, Principal, Prof. Rukmani Divakaran, Dean – Academics, and Dr. H. G. Shenoy, Vice Principal, were present.

Students presented impressive models in renewable energy, IoT, robotics, automation, AI applications, sustainable engineering, and technology for social good. Judges from academia and industry evaluated the projects based on innovation, technical execution, and relevance.

A prize was awarded to outstanding teams across various themes, and certificates were issued to all participants.

Inauguration of Tech-Nexus Inter-Collegiate project expo 2025

Inter College Project expo Winners from CSE

Inter College Project expo Winners from GCEM, Bangalore

Inter College Project expo Winners from Presidency University

VTU RANK HOLDERS

The student of the 2024–25 passed-out batch, Mr. A. K. Naveen, with a CGPA of 9.56, has obtained first rank in Mining Engineering. Abdullah N, with a CGPA of 9.32, secured 2nd rank; Atayib Basharat Qureshi, with a CGPA of 9.30, secured 3rd rank; Wantyngshain Nongrem, with a CGPA of 8.99, secured 4th rank; Shahid Afrid H, with a CGPA of 8.84, secured 5th rank; and Uday M. R., with a CGPA of 8.71, secured 6th rank; and Yamanlang Dkhar with a CGPA of 8.70 in Mining Engineering.

Mr. A. K. Naveen earned not only the VTU Gold Medal but also the prestigious Dr. T. Thimmaiah Gold Medal from VTU for Mining Toppers, and Dr. TTIT stands at 7th position in the overall VTU rank holders tally among more than 65 institutions – with 7 ranks secured this year.

Congratulations

VTU Rank Holders 2024-25

1ST RANK	2ND RANK	3RD RANK
A K NAVEEN Mining Engineering	**ABDULLAH N** Mining Engineering	**ATAYIB BASHARAT QURESHI** Mining Engineering

4TH RANK	5TH RANK	6TH RANK	7TH RANK
WANTYNGSHAIN NONGREM Mining Engineering	**SHAHID AFRID H** Mining Engineering	**UDAY M R** Mining Engineering	**YAMANLANG DKHAR** Mining Engineering

IEEE STUDENT BRANCH ACTIVITIES

IoT Training for Beginners

A one-day workshop on "Internet of Things (IoT) Training for Beginners" was successfully conducted on 25th August 2025 for the student of 5th semister of Mining Engineering. The session aimed to introduce students to the fundamental concepts and real-world applications of IoT, fostering awareness of how IoT can be integrated into the mining sector and beyond. 30 students participated in this workshop organized by Dr.R.Vijaya Geetha and Prof. Shankavi, Department of ECE

2nd Asian Conference on Intelligent Technologies (ACOIT-2025) A Global Celebration of Innovation

The IEEE Student Branch (STB602159085) of Dr. T. Thimmaiah Institute of Technology (Dr. TTIT), KGF, organized the 2nd Asian Conference on Intelligent Technologies (ACOIT-2025) on 10th and 11th October 2025. The Event conducted on "A Global Celebration of Innovation." Their sessions provided deep insights into AI, intelligent systems, and emerging technologies that are shaping the future.

The welcome speech and overview of the ACOIT Conference was delivered by Dr. R. Vijaya Geetha, Organizing Chair and IEEE Branch Counselor, Dr. TTIT, KGF, highlighting the objectives and significance of the conference.

The event was inaugurated by Dr. Syed Ariff, Principal of Dr. TTIT, along with Dr. Nur Idora Binti Abdul Razak (University Technology MARA, Malaysia), with dignitaries lighting the lamp and releasing the conference souvenir.

The keynote address was delivered by Dr. Nur Idora Binti Abdul Razak (Universiti Teknologi MARA, Malaysia), Mr. Gokul Narain Natarajan (Senior Consultant, IQVIA Inc.), and Mr. Ram Ghadiyaram (Vice President, J.P. Morgan Chase).

Totally 1934 were received, 181 papers were accepted from 12 countries (including China, Philippines, Australia, Thailand, Bangladesh, Sri Lanka, Singapore, and Malaysia).

Releasing of conference souvenir on Inauguration of 2nd Asian Conference on Intelligent Technologies (ACOIT-2025)

Institute of Engineers India Celebrated 58th Engineers Day

Dr. TTIT, in association with The Institution of Engineers (India) – Kolar Local Centre, proudly celebrated the 58th Engineers Day on 27th September 2025, commemorating the 164th birth anniversary of Bharat Ratna Sir M. Visvesvaraya – the legendary engineer and nation builder.

The celebration was graced by distinguished guests: Shri Subramani R, Chief General Manager (Mfg), BEML-KGF; Guest of Honour Er. M. Lakshmana, Hon. Secretary, IEI – KSC; and Dr. Enti Ranga Reddy, Council Member- IEI.

The event highlighted the importance of innovation, engineering excellence, and the vital role of engineers in shaping a technology-driven future for India.

The event was organized under the guidance of Dr. Narasimha C, FIE, Hon. Chairman, IEI – KLC, and Dr. Mohan Kumar K, MIE, Hon. Secretary, IEI – KLC.

Session on "Deep Tech & Engineering Excellence" in progress

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT'S ACTIVITY

Workshop / Webinar/STTP Attended by Students

• 7th Semester students have attended the 15 days technical training program on 3D Printing Certified Course from 13th Aug to 12th Sep 2025 organized by MSME Tool Room, KGF

• Six weeks Skill Development Program was conducted for the students of 3rd Semester from 17th November 2025, conducted by MSME Tool Room – KGF and CITD-Hyderabad.

Papers Presented by Students

The following papers were presented at the 8th International Conference on Recent Trends in Technology, Engineering and Applied Science held on 21st and 22nd November 2025.

• Ms. Rithishreya, Mr. Raghavendra, Mr. Manoj Kumar, of 5th semester have presented a paper titled "Prototype Development of a Silent Air Purifier with Integrated Humidification for Healthy Living Smart Home Environments" in the 2nd International Symposium on Collaborative Informatics (2nd ISCI 2025) held at University BDT College of Engineering, Davanagere during 17–19 December 2025.

• Ms. Navya, Mr. Mukesh Badrinath, Mr. Sanjay Kumar S, Mr. Sreevishnu, students of 5th Semester, have presented a paper title "Recycling of pet bottles into 3D printing filament sustainable development approach" under the guidance of Prof. .J Mahendran

• Mr. Karthick Singh, Mr. Ilyaz Ahmed, Mr. Arun Kumar M, Mr. Yadhavan S, Mr. Pavan, students of 5th Semester, have presented a paper title "Prototype development of piezo electric shoes for charging of mobile" under the guidance of Prof. Sagar S

• Mr. Raghavendra, Ms. Rithishreya, Mr. Manoj Kumar, students of 5th Semester, have presented a paper title "Fabrication of silent Air purifier and Humidifier" under the guidance of Prof. Srinivas. A

• Mr. Kaveen, Mr. Rahul, Mr. Harish Kumar, students of 5th Semester, have presented a paper title "Implementation of smart power saver" under the guidance of Prof. Purnesh. N

• Mr. Prapanjan; Mr. Alwin Abhishek, Mr. Sharan, Mr. Yogendranathan, students of 5th Semester, have presented a paper title "Smart GSM-Based Fire and LPG Gas Leakage Detector Using 5-Channel Flame Sensor and MQ-2 Sensor" under the guidance of Prof. Saravana Prasad. R

• Mr. Roshan S, Mr. Harsha, Mr. Larwinraj, Mr. Avinash, students of 5th Semester, have presented a paper title "Fabrication and Development of Fire Fighter Robot (BRISK)" under the guidance of Dr. Sampath. A

• Mr. Chandrakanth, Mr. Karthick, Mr. Rithish Kumar J, Mr. Sunil Kumar S, students of 7th Semester, have presented a paper title "Fabrication of Solar Tracking System for Solar Panels" under the guidance of Prof. Anitha Devi S. H.

• Mr. Kaushikanth, Mr. Revanth, Mr. Rohith S, students of 7th Semester, have presented a paper title "Development of Springless Suspension System for Unmanned Ground Vehicle" under the guidance of Dr. Mohan Kumar K

• Ms. Alain Zoya, Ms. Musfira Kouser, Ms. Anusha S, Ms. Varnashree, students of 7th Semester, have presented a paper title "Design and analysis of components used in Wind Turbine" under the guidance of Dr. Manjunatha Babu N. S.

• Mr. Ajay Kumar V, Mr. Mithun Balaji, Mr. Pranesh, Mr. Rithish P. G, students of 7th Semester, have presented a paper title "Fabrication of Pneumatic Wall Climbing Robot" under the guidance of Dr. Sampath. A

• Mr. Jarvis Preethu, Mr. Punith Subash, Ms. Sowmya S, students of 7th Semester, have presented a paper title "Power generation using Artificial Tornado" under the guidance of Dr. Narasimha C.

• Mr. Aishwin Kumar, Mr. Kevin, Mr. Lalith, students of 7th Semester, have presented a paper title "Evaluation of Mechanical Properties of Hybrid FRP Composites" under the guidance of Dr. Mohan Kumar K.

• Mr. Dinesh, Mr. Mohan, Mr. Rajesh, Mr. Vinay C. S, students of 7th Semester, have presented a paper title "Refabrication of Journal Bearing" under the guidance of Dr. H. G. Shenoy.

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• Mr. Kaushikanth, Mr.Revanth, Mr. Rohith S, Students of 7th Semester has presented a paper title "Development of Spring less Suspension System for Unmanned Ground Vehicle" under the guidance of Dr. Mohan Kumar K.

• Ms. Alain Zoya, Ms.Musfira Kouser, Ms. Anusha S, Ms. Varnashree, Students of 7th Semester has presented a paper title "Design and analysis of components used in Wind Turbine" under the guidance of Dr. Manjunatha Babu N S.

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• Mr. Aishwin Kumar, Mr.Kevin, Mr. Lalith, Students of 7th Semester has presented a paper title "Evaluation of Mechanical Properties of Hybrid FRP Composites" under the guidance of Dr. Mohan Kumar K.

• Mr. Dinesh, Mr. Mohan, Mr. Rajesh, Mr. Vinay C S, Students of 7th Semester has presented a paper title "Refabrication of Journal Bearing" under the guidance of Dr. H G Shenoy.

Project Expo–2025

The students of 5th and 7th Semester have made the participation in Inter College Project Expo 2025 held on 25th November 2025 organized by Institution Innovation Council, Dr TTIT, KGF.

• Mr. Roshan, Mr. Larwinraj, Mr. Alwin Abhishek, Mr. Yogendranathan, students of 5th Semester, received a First Prize in Dr TTIT Inter College Project Expo 2025 held on 25th November 2025 for a project titled "Fabrication and Development of Fire Fighter Robot (BRISK)" under the guidance of Dr. Sampath A.

• Mr. Revanth, Mr. Rohit, Mr. Kaushikanth, students of 7th Semester, received a First Prize in Dr TTIT Inter College Project Expo 2025 held on 25th November 2025 for a project titled "Development of Spring less Suspension System for Unmanned Ground Vehicle" under the guidance of Dr. Mohan Kumar K.

International Conference (ICRTTEAS-2025) the Best Paper Award

• Mr. Prapanjan, Mr. Alwin Abhishek, Mr. Sharan, Mr. Yogendranathan, students of 5th Semester, has presented a paper title "Smart GSM-Based Fire and LPG Gas Leakage Detector Using 5-Channel Flame Sensor and MQ-2 Sensor" under the guidance of Prof. Saravana Prasad. R

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• Mr. Dinesh, Mr. Mohan, Mr. Rajesh, Mr. Vinay C. S, students of 7th Semester, has presented a paper title "Refabrication of Journal Bearing" under the guidance of Dr. H. G. Shenoy.

Industrial Visits

As Industrial Visit to Deccan Hydraulics Pvt Ltd was arranged to 3rd Semester Students on 5th November 2025.

FACULTY ACTIVITIES

FDP / Workshop / Webinar / Guest Lecture Conducted

• Mr. S. Kumar, Vice President, TMI Systems, Bangalore, has delivered an expert talk on Value Proposition Fit & Business Fit for our 5th & 7th Semester students on 25th August 2025, hosted by the Department of Mechanical Engineering under Dr TTIT IIC.

• Mr. Manjunath S, Principal Architect, Schaeffer, Bangalore, has delivered an expert talk on Successful Innovator for our 3rd & 5th Semester students on 14th November 2025, hosted by the Department of Mechanical Engineering under Dr TTIT IIC

Session of expert talk on Successful Innovator

Students along with Speaker Dr. Kiran Kumar. N

Dr. Kiran Kumar N, Associate Professor, Vemana Institute of Technology, Bangalore, has delivered an expert talk on Job Opportunities for Mechanical Engineers for our 3rd Semester students on 20th November 2025, hosted by the Department of Mechanical Engineering, Dr TTIT.

FDP / Workshop / Webinar / Conference Attended by Faculty

- Five Days Faculty Development Programme on Deep Learning & Its Applications was organized by all departments of Dr. T. Thimmaiah Institute of Technology in association with IEI Kolar Local Centre from 28th Aug to 02nd Sep 2025, wherein around 60 faculty members have made participation. The program was coordinated by Dr. Narasimha C, Associate Professor, and Dept of ME.
- Two Weeks Technical Training Program on 3D Printing Technology Hands-on Course was conducted by MSME Tool Room – KGF from 13th Aug to 12th Sep 2025 for our 7th Semester students. The program was coordinated by Dr. Sampath A, Asst Professor.
- Mr. Madangopal, Mr. Janarthanan, Mr. Kumar, has attended three days technical staff training program at Govt ITI – KGF from 2nd to 4th July 2025.
- Prof. Srinivas. A, Assistant Professor, has published a research paper titled "Modelling cum optimization of fiber length, content and mechanical properties of oxalic acid modified Areca Catechu inflorescence fiber reinforced bio composites: fabricated bio-product for packaging applications" in the Journal Discover Materials (Q1), Springer, August 2025.

- Prof. Anitha Devi S. H, Assistant Professor, attended an FDP on Advanced Pedagogy for Effective Teaching as a Resource Person, organized by Centre for Continuing Technical Education (CCTEK), Govt Polytechnic, KGF.
- Prof. Purnesh N, Prof. Sagar S, Assistant Professor, has attended the practical exam held at Govt ITI – KGF as an examiner for the subject Welding and MEV from 18th to 22nd July 2025.
- Dr. Manjunatha Babu N. S, Associate Professor, a research paper titled "Evaluation and Redesigning the Milling and Drilling Operator Posture using Advanced Ergonomic Design and Analysis Tools" has been accepted in the international conference ICETEA 2025 organized by SJCIT, Chickballapur, to be held on 18th & 19th Sep 2025.
- Prof. Purnesh. N , Prof. Mahendran. J, Dr. Sampath, Mr. Babu, Mr. Kumar, has attended a 15 days training program on 3D Printing Course conducted by MSME Tool Room, KGF, from 13th Aug to 12th Sep 2025.
- Prof. Saravana Prasad. R, Assistant Professor, has developed a user-friendly online student attendance software module using Google Form interface Excel.
- Dr. Sampath. A, Prof. Mahendran J, Prof. Purnesh N, Asst Professor, has presented a paper titled "Experimental Investigation into Dust Suppression Mediators Using Chemical Absorbent" in 3rd International Conference on Emerging Trends in Engineering and Applied Sciences (ICTEA – 2025) held at SJCIT on 18th & 19th Sep 2025.
- Prof. Purnesh. N , Assistant Professor, has attended five days FDP on Digital Transformation in Higher Education from 13th to 17th October 2025 organized by Department of Mechanical Engineering, VVCE, Mysore.
- Dr. Sampath.A, Assistant Professor, has attended five days FDP on Digital Transformation in Higher Education from 13th to 17th October 2025 organized by Department of Mechanical Engineering, VVCE, Mysore.
- Prof. Mahendran. J, Assistant Professor, has attended five days FDP on Digital Transformation in Higher Education from 13th to 17th October 2025 organized by Department of Mechanical Engineering, VVCE, Mysore.
- Prof. Srinivas. A, Assistant Professor, has presented a paper titled "Prototype Development of a Silent Air Purifier with Integrated Humidification for Healthy Living Smart Home Environments" in 2nd International Symposium on Collaborative Informatics (2nd ISCI 2025) held at University BDT College of Engineering, Davanagere during 17–19 December 2025

Faculty Achievements

Dr. Manjunatha Babu N. S, Associate Professor, has been appointed as a VTU BOE Member under Mechanical Engineering Board.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT'S ACTIVITY

Workshop / Webinar Attended by Students

- The department successfully organized a five-day Student Development Program (SDP) on the theme "Innovations in Electric & Hybrid Vehicle System Engineering" from 22 September to 29 September 2025. The program was designed to enhance students' technical knowledge of emerging trends in electric and hybrid vehicle technologies, with focused sessions on system design, energy storage systems, power electronics, battery management systems (BMS), control strategies, and sustainable mobility solutions. The session's resource persons are Dr. Sanjeev Naik V, EDU Manager, Alstom, Bangalore, an industry expert with extensive experience in electric and hybrid vehicle systems and smart mobility solutions, who shared valuable insights on industry practices and future trends in sustainable transportation.
- Dr. Venkatesha K, Professor and Head, Department of EEE, BNMIT, Bangalore, a specialist in EV system engineering, power electronics, and control systems, delivered in-depth technical sessions highlighting design methodologies and practical approaches in EV technologies.
- Dr. Joshi Manohar V, Professor and Head, Department of EEE, Presidency University, Bangalore, a renowned expert in battery management systems and energy storage technologies, provided advanced perspectives on battery safety, performance optimization, and next-generation energy solutions.

Session of expert talk on Successful Innovator

Students along with Speaker Dr. Kiran Kumar. N

Paper Presentation

The following papers were presented at the 8th International Conference on Recent Trends in Technology, Engineering, and Applied Sciences (ICRTTEAS 2025–26), held on the 21st and 22nd of November 2025.

- Dhanusiya Piya V, Keerthana.B, Sadhana.G and SwethaShree.S presented a paper on "Smart Power Saving System Using IR Sensor for Lights & Fan" under the guidance of Prof. Ronald Lawerance. J.
- LathaVardhini.M, NabeelaSuraiya K, Thanushree M, and Thrisha.R presented a paper on "Design of Illumination Control Using TRIAC-DIAC" presented by under the guidance of Dr.N Lakshmipathy.
- Aishwarya Naik R, Eshwari A, Rohitha R, Nehanjali M, presented a paper on "Battery management system for Electric Vehicle" under the guidance of Prof. Ronald Lawrence J.
- Pranav Raghavan C M, Shravani A Gowda, Srishanth K M, and Udayaraj K N presented a paper on "Wireless Electric Vehicle Charging Station" under the guidance of Prof.Sridevi A.
- Harsha, Srushti T C, Sujay Akash M and Vibha Shetty presented paper on Advanced footstep power generation system under the guidance of Dr. N. Lakshmipathy & Prof. S. Subhashini S
- Manoj Naik, Adithya R, and Girish N presented a paper on "Solar Wireless Electric Vehicle Charging System" under the guidance of Prof. Jillian Rufus J.
- Akash, Tejus A R, K Umesh and Murali presented a paper on "Analysis of characteristics on four-wheeler hub motor" under the guidance of Prof. Daphny Shallet M & Dr. N. Lakshmipathy.

PROJECT EXPO 2025 – PRIZE WINNERS

Mini project

- First Prize was awarded for the project titled "Smart Power Saving System Using IR Sensor for Lights & Fan," presented by Dhanusiya Piya V., Keerthana B., Sadhana G., and Swetha Shree S., under the guidance of Prof. Ronald Lawrence J.
- Second Prize was secured for the project titled "Design of Illumination Control Using TRIAC–DIAC," presented by Latha Vardhini M., Nabeela Suraiya K., Thanushree M., and Thrisha R., under the guidance of Dr. N. Lakshmipathy.

Major project

- First Prize was awarded for the project titled "Wireless Electric Vehicle Charging Station," presented by Pranav Raghavan C. M., Shravani A. Gowda, Srishanth K. M., and Udayaraj K. N., under the guidance of Prof. Sridevi A.

- Second Prize was secured for the project titled "Solar Wireless Electric Vehicle Charging System," presented by Manoj Naik, Adithya R., and Girish N., under the guidance of Prof. Jilian Rufus J.

5th Sem EEE students won First prize in Project Expo

FACULTY ACTIVITIES

FDP / Workshop / Webinar Attended by Faculty

- Dr. B. Somashekar. B, has attended a 5-day online FDP on "Wireless Power Transfer: Concepts to Applications" from 30 June to 4 July 2025 organized by Ramaiah Institute of Technology.

- Dr. B. Somashekar has attended a 1-day online webinar on "Optimizing Vision AI Workloads with Kria KV260" on 10-09-2025 organized by CoreEL Technologies.

- All the faculties attended a 5-day offline FDP on "Deep Learning and Application" from 28-08-2025 to 02-09-2025 organized by DRTTIT.

- Dr. B. Somashekar has attended a 5-day online FDP on "Applications of Artificial Intelligence in Electrical Engineering" from 28-07-2025 to 01-08-2025 organized by Presidency University.

- Dr. B. Somashekar has attended 5days Online FDP on "Wireless Power Transfer: Concepts to Applications" from 30th June to 4th July 2025 organized by Ramaiah Institute of Technology

- Dr. B Somashekar attended 1 day online WEBINAR on "Optimizing Vision AI Workloads with Kria KV260" on 10-09-2025 organized by CORE EL TECHNOLOGIES

- All the faculties attended 5 days offline FDP on Deep Learning and Application from 28-08-25 to 02-09-2025organised by DRTTIT

- Dr. B Somashekar has attended 5 days online FDP on "Applications of Artificial Intelligence in Electrical Engineering" from 28-07-2025 TO 01-08-2025 organized by Presidency University.

- Prof. Jillian Rufus J and Prof. Daphny Shallet Completed 5 days FDP on "Data Analytics using Power BI'' from 28th July to 01st August 2025 organized by the Atria Institute of Technology (AIT), Autonomous, Bangalore, Karnataka and Annasaheb Dange College of Engineering and Technology, Ashta, Maharashtra in Collaboration with ExcelREdtech Pvt. Ltd. from 28th July 2025 to 01st August 2025.

Online Certificate Courses Completed by Faculty

Prof. Jillian Rufus J completed NPTEL course in Python for data science

Paper Publications

- Prof. Somashekar. B, published a paper titled "Modeling and Simulation of Multi-Phase Wireless Power Transfer Using Specialized Transformer Configurations in MATLAB / Simulink". Journal: Journal of Electrical Engineering (ISSN No: 2095-9524) Volume 10 Issue 8 2025. Volume/Issue: Vol. 10, Issue 8 (August-2025). Pages:12-21 https://publisherjee.com/volume-10-issue-8-2025/

- Prof. Somashekar. B published a paper titled "Artificial Intelligence in Wireless Power Transmission (WPT): Optimization, Control, and Efficiency Enhancement" Journal: Journal of Engineering and Technology Managemen. Volume/Issue: Vol. 78, Issue 4, Oct-Dec-2025...Pages: 466–476. Impact Factor: 4.8.Year of Publication: 2025.DOI: https://doi.org/10.5281/zenodo.17608894.

Patent Published: 2025

- Prof. Somashekar B published a patent titled "System and Method for Efficient Electrical Energy Transfer across a Medium at Utility Frequency" Publication Date: 11/07/2025. Application No. 202541062590 A Link: https://search.ipindia.gov.in/IPOJournal/Journal/Patent

- Prof. Somashekar B published a patent titled "Lightweight Portable Smart Irrigation Device with Visual Interface for Complex Data Analysis" Published date and journal number: Journal No is 35/2025 and Journal Date is 29/08/2025 application No. 458955-001. Link:https://search.ipindia.gov.in/DesignApplicationStatus

IEEE Conference:

- Dr. B. Somashekar has presented a paper on "Hybrid Approach for the Development of Compensation Topologies in Wireless Power Transfer Systems" in IEEE 2nd ACOIT 2025 on 10-10-2025 and 11-10-2025 at Dr. TTIT, KGF, Karnataka.

- Dr. B. Somashekar has presented a paper on "Simulation of Multi-Phase Wireless Power Transfer Using Special Transformer Connections in MATLAB Simulink" in IEEE 2nd ACOIT 2025 on 10-10-2025 and 11-10-2025 at Dr. TTIT, KGF, Karnataka.

⋮⋮ DEPARTMENT OF MINING ENGINEERING

STUDENT'S ACTIVITY

The following papers were presented at the 8th International Conference on Recent Trends in Technology, Engineering and Applied Science held on 21thand 22th November 2025.

- Adarsh, Nandakumar Divate, Rajesha, Hanamant of 5th semester students presented the title "Investigation Into the Stability of Underground Tunnel", under the guidance of Dr. Raja S.

- Usman Sheikh, K. S. Adarsh, Mohammed Sahil, Mohammed Sameer of 5th semester students presented the title "Utilization of Iron Ore Dump Waste in the Production of Geopolymer Bricks", under the guidance of Prof. Maneela Reddy.

- Mr. Darshan B. V., Mr. Hanumantha M., Hareesh R. V., Rajesh Kumar P. of 5th semester students presented the title "Development of Electric Dumpers Using Overhead Wires in Opencast Mines", under the guidance of Dr. Paul Prasanna Kumar

- Mr. Akash, Mallikarjuna M., Srinivas Rao B., Tekesha B. A. of 5th semester students presented the title "Developing an Instrument to Determine the Indirect Compressive Strength of Sedimentary Rock", under the guidance of Dr. Vijaya Raghavan.

- Manoj Pandi P., Dhanushkumar J., Semual Tenny S., Joel S. of 5th semester students presented the title "Investigation Foot-Transmitted Vibration (FTV) & Postural Fatigue Granite Crushing Plants", under the guidance of Prof. P. Vikram.

- Selvamurugan M., Pragadeesh V., Harshavardhana B. A., Syed Mahaboob C. of 5th semester students presented the title "Design and Implementation of an Automated Dewatering System for Opencast Mines", under the guidance of Dr. Paul Prasanna Kumar S.

- Tharun T., Chellamuthu M., Dharshan S., Parthasarathi R. of 5th semester students presented the title "Prediction of Compressive Strength of M30 Grade Concrete From Rebound Hammer Test Using Regression and Machine Learning Models", under the guidance of Dr. Manjunath A.

- Darshan Shrikanth Katwa, Ganesh N., Harshith S., and Puneeth Kumar Y. of 7th semester students presented the title "IoT-Based Fire Quenching for Underground Coal Mines", under the guidance of Dr. Paul Prasanna Kumar S.

- M. S. Abhiram, Rakshitha R., T. Venkata Kasi Bhavani Shankar, and M. R. Suraj of 7th semester students presented the title "Investigation Into the Stability of Slope in an Opencast Mine", under the guidance of Dr. Manjunath A. and Dr. Raja S.

- Mano Prabhakar P., Shyam Sanjay Kiran M., Silas Rabin C., and Vishwash B. of 7th semester students presented the title "Ergonomic Assessment of Tipper Operators in Surface Mines", under the guidance of Prof. Vikram P.

- Akash J., Prathap Patil, Syed Sohail Wazeer, and Vaijayanth of 7th semester students presented the title "Design and Develop a Prototype Model for Hoisting Mineral Using Magnetic Levitation System", under the guidance of Dr. Vijaya Raghavan.

- Raghavendra B. N., Veeresh M. S., Kishore M. S., and M. Manthan of 7th semester students presented the title "Prediction of Strength of Rock Using Acoustic Emission", under the guidance of Dr. Vijaya Raghavan.

- Nithish S., Satheesh K., Adharsh A., and K. Sai Shakthi of 7th semester students presented the title "Analyzing the Impact of Personal, Habitual, and Occupational Factors on Work-Related Musculoskeletal Disorders Among Opencast Mine Operators", under the guidance of Dr. Manjunath A.

- Rishidharan S., Sachin S., Sarthik R., and Srinath L. R. of 7th semester students presented the title "Enhancing Surface Mine Safety Through Computer Vision-Based Vehicle Monitoring", under the guidance of Dr. Vijaya Raghavan.

- D. Nagaraja, K. Vamsi Krishna, Manoj G., and Prajwal N. T. of 7th semester students presented the title "Automation of Smart Sprinkler System in Opencast Mines on Haul Road Using IoT", under the guidance of Dr. Vijaya Raghavan.

- Gowtham P., Keerthanan R., Dhanush Kanna K., and Hariharan D. of 7th semester students presented the title "Investigation Into the Effect of Elevation on Blast-Induced Ground Vibration", under the guidance of Dr. Raja S. and Dr. Manjunath A.

- Karthik M. E., Manikanta M., Reshma, and Sanjay P. S. of 7th semester students presented the title "Design and Optimization of Stope Using AI", under the guidance of Dr. Vijaya Raghavan.

- Gokule, Dhanush B., Deepak K., and Makesh Vishwanath P. of 7th semester students presented the title "Investigation Into the Reduction of Heat in Underground Mine Air Using VentSim", under the guidance of Dr. Raja S. and Dr. Manjunath A.

- Praveen Kumar H., Sudarshan P., Abhishek S., and Pradeep H. of 7th semester students presented the title "Generation of Electricity From Mine Haul Roads Using Dynamic Smashes", under the guidance of Dr. Paul Prasanna Kumar S.

- Darshan, Abhishek Shirigeri, Mahammed Fazil, and Nizamuddin of 7th semester students presented the title "Development of Wireless Communication System for Better Connectivity in Underground Mines", under the guidance of Dr. Manjunath A.

- Chandru K., Kalanithi Maran S., Karthick, and Kiran Tom of 7th semester students presented the title "Feasibility Assessment and Performance of Surface Miner in Limestone Mine Over Conventional Drilling and Blasting", under the guidance of Dr. Paul Prasanna Kumar S.

- Amarnath R., H. R. Charls Jude, Pravin K. K., and Tharun Pradheep P. of 7th semester students presented the title "Blast Design Optimization in Open Pit Mines Using High Speed Camera", under the guidance of Dr. Manas Mukhopadhyay, Dr. Syed Ariff, and Dr. Gopinath.

- Sujith J., Santhosh L., and Yogendran R. of 7th semester students presented the title "Autonomous Mining Vehicle: A Smart System for Safe and Efficient Mining Operations", under the guidance of Prof. Vikram P.

- Anthony Zorinsanga, Keerthivasan, and N. B. Nandisha of 7th semester students presented the title "Use of LoRa Technology in Vehicle Communication in Surface Mining", under the guidance of Dr. Paul Prasanna Kumar S.

- Shajo B. Suresh, Yazhini V., Vaishnavi V., and Yugendran E. of 6th semester students presented the title "Wireless Charging of Electric Vehicle While Driving", under the guidance of Prof. Shankavi K.

- Antony Rozario, Aann Fridolin S., Harshitha V., and Tanushree P. N. of 8th semester students presented the title "Fault Detection and Semantic Segmentation of Railway Track Using Deep Learning", under the guidance of Prof. Manjunath E.

International Conference (ICRTTEAS-2025)

The best paper award

The following students were awarded best paper at the International Conference on Recent Trends in Technology Engineering and Applied Sciences (ICRTTEAS) held on 21st and 22nd of November 2025

- Abhishek Shirigeri, Nizamuddin, Darshan K, and MahammedFazil presented their paper titled "Development of a Wireless Communication System for Better Connectivity in Underground Mines," under the guidance of Dr. Manjunath A, Associate Professor

- Gowtham P, Keerthanan R, Dhanush Kanna K, And Hariharan D presented the paper title "Investigation Into The Effect Of Elevation On Blast-Induced Ground Vibration". Under the Guided By Dr.Manjunath A

- Darshan B. V, Hanumantha M, Hareesh R. V, and Rajesh Kumar P presented the paper title "Development of an Overhead-Wire–Powered Electric Dumper System for Sustainable Haulage in Opencast Mines," under the guidance of Dr. Paul Prasanna Kumar S.

- Adarsh, Nanda KumarDivate, Rajesha, and Hanamant presented a paper title "Investigation into the Stability of Underground Tunnel," under the guidance of Dr. Raja S.

Project Expo 2025 -26

- The First-Prize for the paper title "Investigation Into The Effect Of Elevation On Blast-Induced Ground Vibration". Presented by Gowtham P, Keerthanan R, Dhanush Kanna K, And Hariharan D under the guidance of Dr. Manjunath A

- The Second-Prize for the paper title "Generation of Electricity from Mine Haul Roads Using Dynamic Smashes". Presented by Praveen Kumar H, Sudarshan P, Abhishek S, And Pradeep H under the guidance of Dr.Paul Prasanna Kumar S

- Third-Prize for the paper title "IoT-Based Fire Quenching for Underground Coal Mines". Presented by Darshan, ShrikantKatwa, Ganesh N, Harshith S, And Puneeth Kumar Y under the guidance of Dr.Paul Prasanna Kumar S

Mini Project

- The first position was awarded for the topic "Utilization of Iron Ore Dump Waste in the Production of Geopolymer Bricks," presented by Usman Sheikh , K. S. Adarsh ,Mohammed Sahil,and Mohammed Sameer under the guidance of Prof. M. Maneela, Senior Assistant Professor.

- The second position was awarded for the topic "Development of a Fabricated Instrument to Determine the Indirect Compressive Strength of Sedimentary Rocks," presented by Akash, Mallikarjuna M Srinivas Rao B and Tekesha B A under the guidance of Dr. VijayaRaghavan, Associate Professor.

Student's achievements

- Mr. Keerthanan R, a student of 7th Semester, has achieved remarkable success in personality pageants, bringing great pride to our institution.

- He won the prestigious title of Mr. Coimbatore at MET Glam 2K25, held on 13th July 2025 in Coimbatore.

- He also earned the title of Mr. Popular at the Epitome2Ecstasy event conducted on 20th July 2025, also in Coimbatore.

- Students of 7th semester performed outstandingly at Indian Mining Day, organized by MEAI Bangalore on 1st November 2025. Their dedication and excellence brought remarkable recognition to the department across multiple competitions. The students received prizes in Essay Writing, Poster Presentation, and Elocution

Students receive prize during Indian Mining Day organized by MEAI Bangalore

Industrial Visit – BEML Ltd., KGF

- An industrial visit to BEML Ltd., Kolar Gold Fields (KGF) was organized on 26 September 2025 for the 5th semester students as part of experiential learning and industry exposure. The visit was coordinated and accompanied by Prof. P. Vikram and Dr. Raja S.

- A Geological field work was conducted on 30 October 25and around KGF for the 3rd semester students as a part experimental learning. The visit was coordinated and accompanied by Dr. K Ramesh and Ramesh, Forman.

Industrial Visit to BEML LTD

Geological Field work at Ulagamathi, KGF

FACULTY ACTIVITIES

FDP / Workshop / Webinar conducted

- In association with the Institution's Innovation Council (IIC), Dr. T. Thimmaiah Institute of Technology, organized an informative session on "Angel Investment/VC Funding: Opportunity for Early-Stage Entrepreneurs" on 28th August 2025.

- The session was delivered by Dr. Manas Mukhopadhyay, Professor & Head, Department of Mining Engineering, who shared valuable insights into funding opportunities available for start-ups and early-stage entrepreneurs. He highlighted the critical role of financial support during the initial phases of start-up development and explained how angel investors and venture capitalists can help transform innovative ideas into successful enterprises.

Session in progress on Funding oportunities

The Emerald Mining Club of the Department of Mining Engineering organized an outreach program on the influence of mobile phones and social media on teenagers at Kendriya Vidyalaya, BEML Nagar, on 12/09/2025.

Session in progress at KV, BEML, KGF

Paper Publications:

Dr. Manas Mukhopadhyay published a paper on "Machine Learning Based Prediction of Geotechnical Parameters Affecting Slope Stability in Open-Pit Iron Ore Mines in High Precipitation Zone." Journal of Scientific Reports, 15, 21868 (2025). https://doi.org/10.1038/s41598-025-99026-4

Online Certificate Courses Completed by Faculty

Prof. P. Vikram successfully completed a 12-week online certification course titled "Surface Mining Technology" conducted through SWAYAM–NPTEL during the period September to November 2025.

Alumni Guest lecture:

Organized a guest lecture on "Technological Gaps in the Mining Industry Compared to Global Leaders," delivered by Mr. Vinodh N. R., Head of Mining Operations at Rubamine FZC, DRC, Central Africa.

Mr Vinodh N R Head of Mining Operation Rubamine Central Africa Delivering speech

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

STUDENT'S ACTIVITY

Workshop / Webinar Attended by Students

- Adeeb Ahmed S, Prejith P ,Shajo B. Suresh, Shree Divya A Srinivasan, and Yugendran Students of 7th semester students attended one day IEEE offline Workshop on "Antenna technologies for Space Applications" on 14/10/2025organized by IEEE IISC MTT/AP student Branch Chapter at Bangalore, at IISC Bangalore

- Amreen Fathima, Ayman Sariya, N Thilak Kumar, Shaik Hazgar, Sneha Latha ,Roshitha Sri S, Thrisha, Vaishanvi V and Vidyasree, Students of 7th semester students attended online workshop on "Antenna technologies for Space Applications" on 14/10/2025 organized by IEEE IISC MTT/AP student Branch Chapter at Bangalore.

- Adeeb Ahmed S, Shajo B. Suresh, Srinivasan, and Yugendran E, Students of 7th semester students attended exhibition on "Electronics of India International Exhibition" on 19-09-2025 at Bangalore.

- Adeeb Ahmed S of 7thsemester studentattended one-day National level online workshop on "21st Century Communication Skills" on 25-08-2025 organized by TuRightTecholigiesPvt.Ltd

- Dhanush Karthikeyan S 7th semester student attended three-day workshop on "Animation Workshop" from 18-09-2025 to 20-09-2025 organized by International school of Animation (ISA).

Papers Presented by Students

The following papers were presented at the 8th International Conference on Recent Trends in Technology, Engineering and Applied Science held on 21thand 22th November2025.

Students presenting the paper during 8th ICRTTEA

- B Sneha, Chandru M, Dhanush Karthikeyan S and Thrisha A, 7th semester students presented paper titled on "Self-Powered IoT Devices for Smart Agriculture using Energy Harvesting ", under the guidance of Prof. Ruckamani Divakaran

- Shajo B Suresh, Vaishnavi V, Yazhini V and Yugendran E, 7th semester students presented paper titled on "CMOS Buffer Amplifier With Optimised Slew-Rate, Power AndArea ", under the guidance of Dr.Jenitha A

- Deepika.B, RafanaSusmiya, Ramya.V and Pooja.R ,7th semester students presented paper titled on "Smart Color Sorting And Object Handling Robotic Arm", under the guidance of Dr. K.M Palanisawmy and Ramya J

- Adeeb Ahmed S, N Tilak Kumar, Prejith.P and Thilak Kumar B ,7th semester students presented paper titled on "Arduino Based Smart Waste Segregation System Using Conductivity, Metal And Load Sensors", under the guidance of Dr.Vijaya Geetha R

- Chethan Kumar T.M, Harsha P.M, Manoj R and Rahul Nagarale, 7th semester students presented paper titled on "Automatic Adaptive Speed Bump System with Overspeed Detection and Emergency Vehicle Identification", under the guidance of Dr.T.Bhuvanendhiran.

- Shree Divya A,Shruthi P Rsneha Latha S And Srinivasan V 7th semester students presented paper titled on "Design And Simulation Of High Performance Hybrid-Full Adder Using CVSL Logic For VlSICircuits", under the guidance of Prof. Rajesh Kumar Kaushal.

- Pruthvi Awati, Rakshitha S, Tushitha M, and Veena C, 7th semester students presented the paper titled" Night Patrolling IoT Robot for Women Security", under the guidance of Prof. Rajesh Kumar Kaushal.

- Amreen Fathima, Ayman Sariya, Kavya M, and Kusuma H, , 7th semester students, presented the paper titled"Detection of Defects In Printed Circuit Boards Using RNN Algorithm", under the guidance of Prof. Tamil Vani R and Prof. Kanimozhi S.

- Madhura D, Zainab Rida Fathima, Maha R, and A K Nikhitha, 7th semester students presented the paper titled "Enhanced Autism Diagnosis Using Hybrid Machine Learning Model", under the guidance of Prof. Mohana C.

- Anjali M, Priya C, Roshithasri S, and Vidyasree R, 7th semester students, presented the paper titled "Hardware Implementation Of An ARM-Based Module For Ectopic Beat Detection And Classification Using Deep Learning", under the guidance of Prof. Nandini G

- Krithika Murali, Jaya Bharathi V, Dharsha M S, and S Anu Ranjani, 7th semester students, presented the paper titled "Autonomous Border Surveillance System: Combining Computer Vision And Robotics For Real-Time Threat Detection", under the guidance of Prof. Jesudas

- Shaik Hazgar, Shyam Sunder B, and Smitha R, 7th semester students, presented the paper titled "Smart Manhole Detection Using Wireless Sensor Network and IoT", under the guidance of Ms. Jeevika Mary A.

- Dhanush Sai S, Preethi V, Thiresh Babu G, and Shashi Kumar S N, 7th semester students presented the paper titled "Indoor Air Monitoring & Purifying System Using IoT", under the guidance of Prof. D Radhika.

- Bhoomikaa Raagini A, Prema Simhendra Gowda C G, Shree Nayana P, and Shruthika U, 7th semester students, presented the paper titled"LSTM-Based Jamming Detection And Forecasting Model Using Transport And Application Layer Parameters In Wi-Fi Based IoT Systems", under the guidance of Prof. Shankavi K.

- S Mounesh, Swaroop Darshan S, Mohammed Kaif, and Narmada, 7th semester students, presented the paper titled "Utilizing An Internet Of Things (IoT) Device, Intelligent Control Design, And Simulation For An Agricultural System", under the guidance of Prof. Manjunath E.

- Desharani R, Disha M R, and Nidha Ibrahimpatel B, 5th semester students presented the paper titled "Automated Awning System", under the guidance of Dr. Jenitha A.

- Mohammed Uzair Shariff, Goutham J, Mohammed Ali, and Mohammed Nadeem, 5th semester students, presented the paper titled "Hybrid Attendance System: Speech Recognition and IoT Hardware", under the guidance of Dr. Jenitha A.

- Kavya R, Mehak, and Mohana Priya B, 5th semester students presented the paper titled "Smart Stadium Crowd Control System Using Arduino", under the guidance of Dr. Vijaya Geetha R.

- Bharath B Y, Kishwar Ahmed, Varun K N, and B Harish Reddy, 5th semester students presented the paper titled "Independent Optimization for Robot Path Planning and Dynamic Obstacle Avoidance", under the guidance of Dr. Vijaya Geetha R.

- Dharshan B, Shashank G, Sudeep Kumar A, and Sumanth S, 5th semester students, presented the paper titled "AI-Driven Evaluation System for Speech Competition", under the guidance of Dr. Bhuvanendhiran T.

- Chethan N, Likhith Gowda, Narendra R, and Mukesh Kumar, 5th semester students presented the paper titled "Design and Implementation of Autonomous Fire Fighting Robot", under the guidance of Prof. Rajesh Kumar Kaushal.

- Rufus Samuel V, Sadiya Begum, Udhayan A, and Vignitha C, 5th semester students presented the paper titled "IoT Based WSN Nodes for Water Pollution Detection", under the guidance of Prof. Mohana C.

- Anushree A, Nayana D R, Nayana S V, and Nisha M, 5th semester students presented the paper titled "Cocoon Detection and Classification Using Machine Learning", under the guidance of Prof. Nandini G N.

- Akshaya K, Chitra C, Deepthi R, and Kavana M, 5th semester students presented the paper titled "Analysis of Brain Tumor Using Image Processing", under the guidance of Prof. Jesudas.

- Punith A, Rajesh V, Vinayak Manakur, and Yogesh V, 5th semester students presented the paper titled "IoT Based Electric Vehicle Battery with Protection against Fire", under the guidance of Prof. Jeevika Mary.

- Chaithra Shree A P, Rachel D L, Gayithri M, and Priyanka A, 5th semester students, presented the paper titled "LIGHTAGRO: Lightweight Blockchain IoT Based Fabrication for Smart Irrigation", under the guidance of Prof. Shankavi K.

- Bindu Shree S G, Gayathri D, Shilpa M V, and Sowmya R, 5th semester students presented the paper titled "Skin Cancer Detection Using Support Vector Machine Algorithm", under the guidance of Prof. Manjunath E.

- Sahana R, Saranya I, Spoorthy B S, and Tanushree N, 5th semester students, presented the paper titled "Eco-Friendly IoT: Powering Devices with Energy Harvesting", under the guidance of Prof. Ramya J.

- Sudeep and Shruthi Josephine A, 5th semester students, presented the paper titled "Pedi-Medi-Instructor: Paediatric Medicine Information and Instruction System", under the guidance of Prof. Radhika.

- Chethan R, Crispan R C, Thavin George G, and Jennifer Rodlina W, 5th semester students, presented the paper titled "IoT-Based Smart Helmet for Bike Rider Safety", under the guidance of Prof. Kanimozhi S.

Online Certificate Courses Completed by Students

- Afsha Nurainand R Lekhana of 3rd Semester student completed 12-weeks online certification course on "Machine Learning and Deep Learning-fundamentals and Applications" from July to October 2025, offered by SWAYAM NPTEL.

- Adeeb Ahmed Sand Ayman Sariya of 7th semester completed 4-weeks online certification course on "Data analytics" from October to November 2025, offered by NoviTech R & D Pvt, Ltd.

- Shree Divya A of 7th semester completed 12-weeks online certification course on "Digital Circuits" from July to October 2025, offered by SWAYAM NPTEL.

- Srinivasan V and Sneha Latha S of 7th semester completed 12-weeks online certification course on "VLSI Design Flow: RTL to GDS" from July to October 2025, offered by SWAYAM NPTEL.

- Srinivasan V and Sneha Latha S of 7th semester completed 8-weeks online certification course on "System Design through Verilog" from July to September 2025,, offered by SWAYAM NPTEL.

- Yazhini V of 7th semester student completed 4-weeks online certification course on "Microelectronics: Devices to circuits" from July to August, offered by VTU Centre for online education.

- Yazhini V of 7th semesterstudent completed 4-weeks online certification course on "Recent Advances in Transmission Insulators" July to August , offered by VTU Centre for online education

- Harsha and Rafana Susmiya of 7th semester students completed 8-weeks online certification course on "Python 101 for Data Science "from June-August 2025, offered by IBM Developer Skills Network

- Rafana Susmiya of 7thsemester studentcompleted 2-weeks online certification course on "Internet of Things" from 31-08-2025 to 13-09-2025, offered by Infosys Springboard.

- Rafana Susmiya of 7thsemester studentcompleted 8-weeks online certification course on "IoT & Electronic "from 11-09-2025 to 26-09-2025 offered by Infosys Springboard.

- Rafana Susmiya of 7thsemester studentcompleted 4-weeks online certification course on "Introduction to Microcontroller & Coding (Centrado Kit)" 25-08-2025 to 26-09-2025, offered by Infosys Springboard.

- Rafana Susmiya of 7thsemester studentcompleted 2-weeks online certification course on "Robotics "from 04-09-2025 to 18-09-2025, offered by Infosys Springboard.

International Conference (8th ICRTTEAS-2025)

The 7th sem and 5th sem students participated in 8th International Conference on Recent Trends in Technology, Engineering and Applied Science held on 21st and 22nd November 2025.

Best paper

- Paper titled "Automated Awning System" by Desharani R, Disha M R, and Nidha Ibrahimpatel B, under the guidance of Dr. Jenitha A.

- Paper titled "Skin Cancer Detection Using Support Vector Machine Algorithm" by Bindu Shree S G, Gayathri D, Shilpa M V, and Sowmya R, under the guidance of Prof. Manjunath E.

- Paper titled "Hardware Implementation Of An ARM-Based Module For Ectopic Beat Detection and Classification Using Deep Learning" by Anjali M, Priya C, Roshithasri S, and Vidyasree R, under the guidance of Prof. Nandini G N.

- Paper titled "Smart Color Sorting And Object Handling Robotic Arm" by Deepika B, Rafana Susmiya, Ramya V, and Pooja R, under the guidance of Dr. K M Palanisawmy and Ramya J.

Best paper-8th ICRTTEAS-2025

Project Expo 2025-26

- 1st Prize for the paper titled "Automatic Adaptive Speed Bump System with Overspeed Detection and Emergency Vehicle Indentifiaction" presented by Chethan Kumar T M, Harish P M , Manoj R and Rahul Nagaral, under the guidance of Dr. Bhuvanendhiran T.

- 2nd Prize for the paper titled "Indoor Air Monitoring & Purifying System Using IoT" presented by Preethi V, Thiresh Babu G, Dhanush Sai and ShashiKumar, under the guidance of Prof. D Radhika.

- 3rd Prize for the paper titled "Autonomous Border Surveillance System: Combining Computer Vision and Robotics for Real Time Threat Detection" presented by Dharsha M S, Jaya Bharathi V ,Krithika Murali and S Anu Ranjini , under the guidance of Prof. Jesudas J

Mini Project

- 1st Prize for the paper titled "Hybrid attendance Sytem: Speech Recognition and IoT hardware Integration" by Mohammed Uzair Shariff, Gowtham J, Mohammed Ali and Mohammed Nadeem under the guidance of Dr. Jenitha A.

- 2nd Prize for the paper titled "Design and Implementation of Autonomous Fire Fighting Robor" by Chethan N, Likith Gowda A, R Narendra and S.Mukesh Kumar under the guidance of Prof.Rajesh Kumar Kaushal.

- 3rd Prize for the paper titled "IoT based WSN nodes for water pollution detection" by Rufus Samuel V ,Sadiya Belgaum M,Udhayan A and Vignitha C under the guidance of Prof. Mohana C

- 4th Prize for the paper titled "Independent Optimization for Robot Path Planning and Dynamic Obstacle Avoidance" by Bharath B Y, Kishwar Ahmed V R, Varun K N and B Harish Reddy under the guidance of Dr.Vijaya Geetha R.

Student Achievements

District level Science Exhibition
Yuva Utsav 2025 held at Kolar on 28-10-2025.

- First prize with a cash award was secured by B. Sneha, Chandru, Dhanush Karthikeyan S and Thilak Kumar B of 7thsemester, under the guidance of Prof. Ruckmani Divakaran.

- Second prize with a cash award was secured byShajo B. Suresh, Vaishnavi Yugendran E, Yazhin V, and of 7th semester, under the guidance of Prof. Shankavi K

- Fourth prize was secured byMehak, MohanaPriya, and Kavya of 5thsemester, under the guidance of Dr.Vijaya Geetha R.

Prize winners of District level Yuva Utsav 2025

Poetry Competition - Yuva Utsav 2025

Shruthika of 7th semester secured second prize with a cash award conducted by Yuva Utsav 2025

Speech Competition- Yuva Utsav 2025

Mehak of 5th semester secured First prize with a cash award

Vrishini 2k25held at Sri Bhagawan Mahaveer Jain First Grade College KGF on 19-09-2025

- In the Future Ready Biz Competition Sneha B and Thilak Kumar B of 7th semester student secured Second place.

- In the Made in India Competition, Priya C, Roshithasri S, Vidyasree R, and Anjail Mofthe 7th semester students secured Firs place.

- In the Made in India Competition, Yazhini V, Dhanush Karthikeyan, and Chandru M of the 7th semester students secured third place.

- In the Book Review Competition, Kirthika Murali and Jaya Bharathi of the 7th semester students secured second place.

- In Biochrome Competition, Bhoomika Raagini of the 7th semester student secured second place.

- In Logo Design Competition, Shruthika of the 7th semester student secured third place.

- In Live Reporting Competition, Tushitha M of 7th semester student secured second place.

- In Forensync Competition, Bindushree and Sowmya of 5th semester student secured first place.

AITHERONML- 2025 held at Kuppam Engineering College on 22-08-2025

In the Treasure Hunt competition, Srinivasan V, Prejith P, Shajo B Suresh, and Yugendran E from the 7th semester won the event.

AITHERONML- 2025 held at Kuppam Engineering College on 22-08-2025

In the Treasure Hunt competition, Srinivasan V, Prejith P, Shajo B Suresh, and Yugendran E from the 7th semester won the event.

Cultural Event

Conducted various Cultural, Sports, and Technical events under the EC-GOLDEN ANWESHA Students Forum from 25-09-2025 to 10-10-2025.

Technical Event

The department conducted a "Hobby Project Expo" on 07-11-2025, where students from the 3rd, 5th, and 7th semesters actively participated and showcased their innovative projects.

Forum inauguration and Fresher's Day

Department conducted the Forum Inauguration on 15-10-2025

Office bearer of the forum

Industrial Visits

- An Industrial Visit to a Telecom Tower, Band Line, KGF was organized on26-08-2025 for 5th semester students, accompanied by Dr. Jenitha A, Prof. Jeevika Mary A, Prof. Shankavi K, and Prof. Radhika D.

- An Industrial Visit to a National Atmospheric Research Laboratory (under Department of Space), Gadanki (near Tirupati), Andhra Pradesh was organized on 14-11-2025 for 7th semester students, accompanied by Dr. Bhuvenedrian T, Prof. Jeevika Mary A, Prof. Shankavi K, Prof. Manjunath E, and Mrs. Sweeta… The visit helped students understand the practical applications of their coursework and enhanced their knowledge of atmospheric science and research methodologies.

National Atmospheric Research Laboratory (under Department of Space), Gadanki

FACULTY ACTIVITY

FDP/ Workshop / Webinar conducted

- Organized a one-day seminar for 5thsemester students on "Internship and Job Opportunities in Wireless for ECE Aspirants" on 30-08-2025, conducted by Mr. Sreeram, Founder, 5G/6G Research, iSignal Research Lab.

- Organized a six-day workshop for 5th and 7th semester students on "360° Safety & Security" from 02-09-2025 to 30-09-2025, by Dr. Jenitha A, Associate Professor and HOD, Dr. Bhuvanendhiran T, Associate Professor, Dr. K M Palaniswamy, Professor, Dr. Vijaya Geetha R, Associate Professor, Prof. Rajesh Kumar Kaushal, Assistant Professor and Prof. Mohana C, Assistant Professor at Dr.TTIT.

360° Safety & Security

Organized a one-day workshop for 3rd semester students on "Beyond the Equals Sign: Scientific Calculator Hacks for Engineers" on 16-09-2025 by Dr. Vijaya Geetha R, Associate Professor, ECE and Prof. Kanimozhi S, Assistant Professor, ECE at Dr.TTIT.

Beyond the Equals Sign: Scientific Calculator Hacks for Engineers

Organized one Day Entrepreneurship Awareness Program (EAP) for 7th and 5th semester students on "Entrepreneurship For Economic Employment" on 25-09-2025 MSME Tool Room – Hyderabad Central Institute Of Tool Design (A Govt. India of Society, Ministry of Micro and Medium Enterprises) Extension Centre, Kolar

Entrepreneurship for Economic Employment

Technical Activities Conducted

- Organized a one-day seminar for 3rd semester students on "AI Foundations: Understanding Tools, Techniques, and Prompt Engineering" on 03-11-2025 by Prof. Ramya J, Assistant Professor, Department of ECE, Dr. T. Thimmaiah Institute of Technology.

- Organized a one-day seminar for 7thsemester students on "Identity Drives Career" on 11-11-2025 by Ms. Soniya L ,an esteemed alumna of the department and currently a Quality Analyst at Wipro Pvt. Ltd

- Organized one Day Hands-on Workshop for 5th semester Mining Engineering students on "IoT Training for Beginners" on 25-08-2025 by Dr.Vijaya Geetha R Associate Professor and Prof. Shankavi K Assistant Professor, Department of ECE, Dr. T. Thimmaiah Institute of Technology.

IoT Training for Beginners

FDP / Workshop / Webinar Attended by Faculty

- All Faculty members attended a six-day FDP on "Laboratory Practices in Electronics & Communication Engineering" organized by the Department of ECE, Dr. TTIT, from 28-07-2025 to 02-08-2025.

- Dr. Jenitha A attended one-day National level online workshop on "21st Century Communication Skills" on 25-08-2025 organized by Tu Right Technologies Pvt. Ltd.

- Dr. Jenitha A, attended online webinar on "IEEE Authorship and Open Access Symposium: Tips and Best Practices to Get Published from IEEE Editors" on 04-09-2025 organized b IEEE advanced technology for Humanity.

- Dr. Jenitha A, Dr.Vijayageetha R, attended 2-weeks online FDP on "Artificial Intelligence" from 04-08-2025 to 17-08-2025 organized by Skill Dzire in collaboration with AICTE.

- Dr. Jenitha A, Dr. Vijayageetha R ,Prof. Jeevika Mary A attended two weeks online FDP on "LaTeX" from 01-07-2025 to 19-07-2025 organized by ACS College of Engineering with course material provided by Edu Pyramids, SINE, IIT Bombay.

- Prof. Mohana C attended one day offline workshop (Training of Trainers) on "Innovation Design Thinking & Project Based Learning" on 14-10-2025 organized by SJC Institute of Technology chikkaballapura.

- Prof. Jeevika Mary A and Prof. Shankavi K attended two weeks online FDP on "Embedded System" from 04-08-2025 to 17-08-2025 organized by SkillDzire in collaboration with AICTE.

- All Faculty members attended a six-day online FDP on "Wireless Power Transfer: Concepts to Applications", 30-06-2025 to 04-07-2025organized by the Department of Electronics and Communication Engineering, Ramaiah Institute of Technology, Bangalore.

- All Faculty members attended Five-day offline FDP on "Deep Learning& Applications "from 28-08-2025 to 02-09-2025 organized by Dr. T. Thimmaiah Institute of Technology in association with Institution of Engineers India (IEI).

- Prof. Manjunath E attended online webinar on "Building Embedded Applications with Vitis on Zynq MPSoC ZCU104" on 12-08-2025 organized by CoreEL Technologies (I) Pvt Ltd. and AMD-Xilinx.

- Prof. Manjunath E and Prof. Jeevika Mary A attended online webinar on "Hardware-Software Co-Design Flow with Vivado& Vitis" on 23-10-2025 organized by CoreEL Technologies (I) Pvt Ltd. and AMD-Xilinx.

- Prof. Manjunath E attended online seminar on "Smart Systems in Motion"on 19-08-2025 organized by CoreEL Technologies (I) Pvt Ltd, Bangalore in association with Math Works.

- Prof. Jeevika Mary A attended online webinar on "Optimizing Vision AI Workloads with Kria KV260"on 10-09-2025 organized by CoreEL Technologies (I) Pvt Ltd. and AMD-Xilinx.

Papers Presented by Faculty

- Dr. Jenitha A presented paper titled on "Six-Point Multifunctional MIMO Antenna for Integrated Cognitive" in 2025 2nd Asian Conference on Intelligent Technologies (ACOIT) organized by Dr. T. Thimmaiah Institute of Technology.

- Dr. Jenitha A presented paper titled on "Design and Simulation of Triple Band Microstrip Patch Antenna" in 2025 2nd Asian Conference on Intelligent Technologies (ACOIT) organized by Dr. T. Thimmaiah Institute of Technology.

- Dr. Jenitha A published a patent on "Smart Computing Device for Environmental Monitoring" on 30-06-2025.
- Dr.Vijaya Geetha R and Prof. Jesudas J presented paper titled on "Glove Based Low-Cost Braille Writer and Translator with Voice Feedback for Visually Impaired People" in 2025 2nd Asian Conference on Intelligent Technologies (ACOIT) organized by Dr. T. Thimmaiah Institute of Technology.
- Dr. Vijaya Geetha R, presented paper titled on "Design and analysis of a Slotted Vivaldi Antenna for Microwave Imaging Applications" in 2025 2nd Asian Conference on Intelligent Technologies (ACOIT) organized by Dr. T. Thimmaiah Institute of Technology.

Online Certificate Courses Completed by Faculty

- Dr. Jenitha A, Dr.Vijaya Geetha R and Prof. Manjunath E completed4-week online certification course on "Psychology of Everyday" from August to September 2025, offered by SWAYAM NPTEL.
- Dr. Jenitha A and Dr.Vijaya Geetha R completed 12 - week online certification course on "Learning Analytics Tools" from July to October 2025, offered by SWAYAM NPTEL.
- Dr. Bhuvanendhiran T completed 12-week online certification course on "Responsible & Safe AI Systems" from July to October 2025, offered by SWAYAM NPTEL.
- Dr. Bhuvanendhiran T completed 8-week online certification course on "Innovation, Business Models and Entrepreneurship" from August to October 2025, offered by SWAYAM NPTEL.
- Dr. Bhuvanendhiran T completed 12-week online certification course on "Computer Vision" from July to October 2025, offered by SWAYAM NPTEL.

Faculty Achievements

- Dr. Jenitha A, acted as reviewer for the "11th International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT)" from 10-07-2025 to 13-07-2025 organized by IEEE Bangalore section at Sterling's Mac Hotel, Bangalore.
- Dr. Jenitha A, acted as reviewer for "3rd IEEE International Conference on Networks, Multimedia and Information Technologies (NMITCON)" from 01-08-2025 to 02-08-2025 organized by Nitte Meenakshi Institute of Technology, Bangalore in association with IEEE Bangalore section.
- Dr. Jenitha A , Dr.T. Bhuvanendhiran, Prof. Mohana C, Prof. Jesudas J served as Internal Jurie for the

"8th Virtual International Conference on Recent Trends in Technology, Engineering and Applied Science " held on 21th and 22th November 2025 at Dr. TTIT.

- Dr. Jenitha A, Dr. T. Bhuvanendhiran, served as judge for the "Spardha Exhibition" on 29-11-2025 organized by Jain School BEML, KGF
- Dr. Jenitha A, Dr. T. Bhuvanendhiran and Dr.Vijaya Geetha R, acted as reviewer for the "2nd Asian Conference on Intelligent Technologies (ACOIT)" from 10-10-2025 to 11-10-2025 organized by Dr.T.Thimmaiah Institute of Technology.
- Dr. Jenitha A and Dr.T.Bhuvanendhiran acted as judge for the "Tech Nexus 2025" on 25-11-2025 organized byDr.TTIT Institution's Innovation Council & Research Department Cell at Dr.TTIT.
- Dr.Jenitha A presented session on "Health Safety – Promoting Wellness & Prevention" on 02-09-2025 during the workshop on "360° Safety & Security" at Dr.TTIT.z

Health Safety – Promoting Wellness & Prevention

- Dr. Bhuvanendhiran T presented a session on "Environmental Safety-Caring for our surroundings" on 03-09-2025 during the workshop on "360° Safety & Security" at Dr.TTIT.
- Dr. Palaniswamy K M presented a session on "Personal Safety- Awareness & Prevention"on 10-09-2025 during the workshop on "360° Safety & Security" at Dr.TTIT.
- Dr.Vijaya Geetha R presented a session on "Food safety-Healthy Choices for Wellbeing"on 12-09-2025 during the workshop on "360° Safety & Security" at Dr.TTIT.
- Prof. Rajesh Kumar Kaushal presented a session on "Occupational safety- Protecting People at Work"on 19-09-2025 during the workshop on "360° Safety & Security" at Dr.TTIT.
- Prof Rajesh Kumar Kaushal presented a session on "Navigating GATE Exam: Career, Prospects, Higher

Education and Scholarship" on 28-08-2025 organized by Kongunadu College of Engineering & Technology at Salem.

- Prof. Mohana C presented a session on "Home Safety- Creating Secure Living Spaces"on 30-09-2025 during the workshop on "360° Safety & Security" at Dr.TTIT.
- Dr. T. Bhuvanendhiran presented a session on "Smart Industrial Systems: Leveraging AI for Efficiency and Automation" on 11-10-2025 during the FDP organized by IIIP-Cell Parisutham Institute of Technology & Science at Thanjavur.
- Prof. Ramya J and Prof. Shankavi K J served as External Juries for the "8th Virtual International Conference on Recent Trends in Technology, Engineering and Applied Science "held on 21st and 22nd November 2025 at Dr. TTIT.

- Dr. Jenitha A, Dr. T. Bhuvanendhiran, Prof. Rajesh KumarKaushal, Prof.KanimozhiS, Prof.RamyaJ, Prof.Jeevika Mary A, Prof.ManjunathE, Prof.Radhika D , acted as judge for the"Intra college Project Expo-2025" on 19th and 20thNovember 2025 at Dr. TTIT.
- Prof. Jeevika Mary A, Prof. Kanimozhi S and Prof. Radhika served as session Co-ordinator for "8th International Conference on Recent Trends in Technology, Engineering and Applied Science" held on 21th and 22th November 2025 at Dr. TTIT.
- Prof. Mohana C, Prof. Nandini G N, Prof. JesudasJ, Prof. Manjunath E, Prof. Jeevika Mary A, Prof. Shankavi K ,Prof. Kanimozhi S and Prof.Ramya J served as session Co-ordinator for"2nd Asian Conference on Intelligent Technologies (ACOIT)" from 10-10-2025 to 11-10-2025 organized by Dr.T.Thimmaiah Institute of Technology.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

STUDENT'S ACTIVITY

PAPER PRESENTATION

The following papers were presented their papers at the 8th International Conference on Recent Trends in Technology, Engineering, and Applied Sciences (ICRTTEAS 2025–26), held on the 21st and 22nd of November 2025.

- Bhavana K. A, Bhavani B, Chandhana C, Mehak, 7th semester students, presented the paper titled "Swap Secure – Detection of Deep fake Videos" under the guidance of Dr. Geetha C. Megharaj and Prof. Premalatha D.
- Sahana N, Shevin Rozario T, Theertha R, Srinivas, 7th semester students, have presented the paper titled "Detection of Phishing and SQL Injection Attacks Using Machine Learning Algorithms" under the guidance of Dr. Geetha C. Megharaj and Prof. Thara Devi M.
- Amulya M. S, Karthik T, Keerthana S, Kethan Kumar S, 7th semester students, presented the paper titled "UPI Fraud Detection Using Machine Learning" under the guidance of Dr. Mohamed Karimulla and Prof. Velantina V.
- Raghavi V, D. Rakshitha, Shakthi Roshitha, Akshitha, 7th semester students, presented the paper titled "Artificial Intelligence with Deep Learning Based Automated Ear Infection Detection" under the guidance of Dr. Mohamed Karimulla and Prof. Swathi J. A.

- Akash, Harsha Pradha M, Bindhu, Prathima Krishna M, 7th semester students, presented the paper titled "Water Leakage Detection System Using IoT & Machine Learning Algorithms" under the guidance of Dr. G. Kharmega Sundraraj and Prof. Preethi S.
- Abinaya Krishna Kumar, Rine Simon, 7th semester students, presented the paper titled "Crowdfunding Platform Using Block chain Technology" under the guidance of Dr. G. Kharmega Sundraraj and Prof. Swathi J. A.
- Avinaya, Lavanya, Nandhini E, Gladwin Sujith, 7th semester students, presented the paper titled "Autonomous Self-Driving Car Using ML" under the guidance of Dr. G. Kharmega Sundraraj and Prof. Mercy Flora Pritheba A.
- L. N. Sandhya, M. Vinutha, Mounika C, Mythri V, 7th semester students, presented the paper titled "3D Printable Model Generator from Text Using Deep Learning Techniques" under the guidance of Dr. Jhansi Rani and Prof. Ashwini S.
- Adarsh, Shashank B, Charan Reddy, Amar, 7th semester students, presented the paper titled "DarktraceX – AI-Powered Cyber Threat Detection and Response System" under the guidance of Dr. Jhansi Rani and Prof. Shankareshwari.

- Brinda G, Harshitha G, Pavithra S, Lakshmi Priya R, 7th semester students, presented the paper titled "Visualizing Intelligence Analysis and Investigation Techniques Using Cyber security" under the guidance of Prof. Vinutha B. A and Prof. Swathi J. A.

- Shaik Waheed Pasha, Sumedh, Shabaresh T, Abhishek, 7th semester students, presented the paper titled "Air Pollution Monitoring System Using IoT" under the guidance of Prof. Vinutha B. A and Prof. Swathi J. A

- Rithika Roshini L. R, Rohith G, Sameen Parveen, Umme Hani, 7th semester students, presented the paper titled "Multi-Desk AI: An Intelligent Multitasking Assistant for Desktop Users" under the guidance of Prof. Punitha F and Prof. Ashwini Priyanka.

- Anith Suga Dev T, Chandan Reddy S, Hari Krishna S, Kalyan Venkatesh K, 7th semester students, presented the paper titled "Smart Surveillance: Real-Time Face Recognition and Tracking" under the guidance of Prof. Sharmila Kumari N and Prof. Divya Shree.

- Priya Dharshini J, Khushi H, Shreeja G, Swathi R, 7th semester students, presented the paper titled "Smart Horticulture Lighting System" under the guidance of Prof. Sharmila Kumari N and Prof. Swetha N.

- Chandhana P. R, Hasvinie P, Niharika V, Pooja B, 7th semester students, presented the paper titled "Fingerprint-Based Blood Group Detection Using Deep Learning Technique" under the guidance of Prof. Thara Devi M and Prof. Nisha Bai M.

- Aflah Kaunyn, Mehak Rafiya, Mehnaz Ul Ain, Noor Fathima, 7th semester students, presented the paper titled "Prediction of Pneumonia Using SWIN Transformer and XAI" under the guidance of Prof. Shalini G and Prof. Swetha N.

- Shyam Kumar G, Sneha B, Suri Arul U, Tejashwini K. R, 7th semester students, presented the paper titled "Puretone: A Smart System for Voice-Based Automation and Verification" under the guidance of Prof. Shalini G and Prof. Linda R.

- Anu M. K, Jyothi, Meghana Balappa Uppar, Nandini K. V, 7th semester students, presented the paper titled "Dream Analysis Based on Artificial Intelligence" under the guidance of Prof. Mercy Flora Pritheba A and Prof. Lekha S.

- Mohammed Al Fayad, Mohiuddin Aafaq, Murali N, N. Shruthi, 7th semester students, presented the paper titled "Smart Fertilizer Advisor: IoT & ML Based Precision Agriculture" under the guidance of Prof. Sophia S and Prof. Parvathi.

- Pallavi, Rakshitha V, Veena K. R, Prakash B, 7th semester students, presented the paper titled "Automatic Control of Traffic Lights at Multiple Intersections Based on Artificial Intelligence" under

the guidance of Prof. Sophia S and Prof. Ashwini S.

- Bharath Krish, Gowtham K. R, Irfab Ahmed Raza, Nizam Uddin, 7th semester students, presented the paper titled "An AI-Powered Networking Platform" under the guidance of Prof. Nisha Bai M and Prof. Lekha S.

- Shreeya M, Shresta S, V. Harini, Varsha S, 7th semester students, presented the paper titled "Deepfake Sentinel: Towards Robust Fake Face Detection Using Image Properties" under the guidance of Prof. Nisha Bai M and Prof. Parvathi.

- Harish, Hemanth K. M, Keshava Murthy P, Prajwal Agasimundina, 7th semester students, presented the paper titled "RFID and AI Integrated Smart Locking System" under the guidance of Prof. Sangeetha V and Prof. Ashwini S.

- Shaziya Begum M, Suchitra C. Shananagoudar, Sushmitha N, Umme Hani, 7th semester students, presented the paper titled "Intelligent Network Traffic Detection Using ML Algorithms" under the guidance of Prof. Preethi S and Prof. Sangeetha V.

- Seshanth N, Solomon Raj A, Yashwanth B. G, Silvan Kumar, 7th semester students, presented the paper titled "Crime Prediction" under the guidance of Prof. Velantina V and Prof. Divya Shree V.

- Tarun V, Yashas S. Singh, Yugandar S. B, Shashank K. R, 5th semester students, presented the paper titled "AI-Powered Voice Assistant" under the guidance of Dr. Geetha C. Megharaj and Prof. Rakshitha.

- Aathika, K. Shwetha, Meraj Sultana N, Mounika, 5th semester students, presented the paper titled "Health Fit-Pro AI Chatbot Using Web Technology" under the guidance of Dr. Geetha C. Megharaj and Prof. Nisha Bai N.

- Sneha V, Monisha B, Vindhya B, Nisha, 5th semester students, presented the paper titled "Bake-Ease: Automated Multi-Platform Cake Ordering and Delivery App" under the guidance of Dr. Mohammed Kareemulla and Prof. Jerusha Madhurya.

- Ajay S, Anish V, Ian Roshan R, 5th semester students, presented the paper titled "Smart Mart E-Commerce Website" under the guidance of Dr. Mohamed Kareemulla.

- Pooja E, Poojitha R, Roopa Shree N, Sindhu D. D, 5th semester students, presented the paper titled "Safe Walk – Women Safety Mobile Application" under the guidance of Dr. Karmegha Sundararaj and Prof. Sankareshwari.

- Akshay Kumar K. N, Harshitha A, Kumari Rajashree, Latha Shree R. L, 5th semester students, presented the paper titled "Dynamic Webpage on Department Database in College" under the guidance of Dr. Karmegha Sundararaj G.

- Sandhya V, Veena S, Yashaswini B. L, Shahana A, 5th semester students, presented the paper titled "Intelligent Lost & Found Management System for Dr. TTIT Campus" under the guidance of Dr. Jansi Rani and Prof. Ashwini Priyanka.

- Akshaya K, Amulya K. S, Asfa Hana, Jayapreethi J, 5th semester students, presented the paper titled "Automated Classroom Attendance System" under the guidance of Dr. Jansi Rani.

- Gideon Jude J, Kiran K, Sachin T, Sanjay S, 5th semester students, presented the paper titled "Double Encrypted Negative Password" under the guidance of Prof. Punitha and Prof. Ananda Mithra.

- Alwin Christopher, Chandrika, Goutham Siddhart H. R, Charlet Ebenezer, 5th semester students, presented the paper titled "Tune out Audio Streaming Platform" under the guidance of Prof. Punitha F.

- Shree Laxmi, Spoorthi K. R, Thanushree C, Varshini D, 5th semester students, presented the paper titled "Spam Email/SMS Detector" under the guidance of Prof. Prema Latha and Prof. Genial Pearl.

- Amrutha V. R, B. Dharani, Deepthika K. N, G. Charu Lathika, 5th semester students, presented the paper titled "YouTube Transcript Summarizer" under the guidance of Prof. Premalatha D.

- Bhargavachari V, Faiza Iqra, Hajira Anjum, M. Roshan Zameer, 5th semester students, presented the paper titled "Smart Fruit Quality Assessment System Using Deep Learning" under the guidance of Prof. Thara Devi M.

- Trisha G, V. Neha Anjum, Vidyashree C. V, Neha Shree G, 5th semester students, presented the paper titled "Smart Shield: Deep Learning and NLP Based Cyberbullying Detection System" under the guidance of Prof. Thara Devi M and Prof. Sangeetha V.

ONLINE CERTIFICATE COURSES COMPLETED BY STUDENTS NPTEL COURSES

- Rakshitha V of 7thsemester completed certifications course on Artificial Intelligence: Search Methods for Problem Solving from IIT Madras on 26 July 2025, Cloud Computing on 17 May 2025, and Introduction to Internet of Things on 7 August 2025.

- Pallavi V of 7thsemester completed certifications on Artificial Intelligence: Search Methods for Problem Solving from IIT Madras on 7 August 2025, Introduction to Internet of Things on 7 August 2025,

- Aflah Kaunyn of 7thsemester completed on Data Analytics with Python course on 22 August 2025.

- Swathi R of 7thsemester completed a 12-week certification on E-Business as well as a 12-week course on Introduction to Internet of Things on July to August 2025

- Deepak S of 3rdsemester completed a 8-week course on Introduction to Operating Systems and a 4-week course on Python for Data Science on July to August 2025

INFOSYS SPRINGBOARD

Students of 5th semester completed certification courses via Infosys Springboard, covering programming languages, operating systems, and emerging technologies.

- Amulya K. S, Asfa Hana, Harshitha A, Gouri V, Kumari Rajshree, Jayapreethi S, Hemavathi M, Shree Lakshimi, Suman, Veena S, Yashas S. Singh, Sandhya V, Chalapathi, Kavya K. R, Keerthi T, Lakshmi Priya, Pranathi C, Prathibha Hanamantha, Punitha, Pooja M, Rakshitha R, Reesha, Ravindar, Rekha Reddy, S. Vijay, Smanukrian, Rithish Pranao D. K, Syed Shabazulla, Swathi S, Sri Harsha, Suheal, Srinivasa, Swathi N, Srinidhi, Sowmya Shree, Sowmya, Vinay R, Titikshaa Sri U, Vidhya N, Vaishnavi Mallappa, Teligi Anuradha, Amol, Aanish, Deepak, Mohammed Zahid, have completed one-month course on Basics of Python.

- Amol, Aanish, Gagan R, Girija, Ganesh, Preethi S, Ravindar, Parithosh Punith, Pooja M, Rakshitha R, Reesha, Smanukrian, K. Akshay, Mohammed Zahid, Chalapathi, Divesh Priyan, Manoj R, Michael Zeu D. Dilva, have completed one-month course on Java.

- Amol, Aanish, Darshan Kumar, Gagan R, Gayathri, Girija, Ganesh, Preethi S, Parthan Kumar, K. Akshay, S. Vijay, Smanukrian, Rithish Pranao D. K, Mohammed Zahid, Deepak, Chalapathi have completed one-month course on Operating Systems (OS).

- Amol, Gagan R, Gayathri, Girija, Preethi S, Parthan Kumar, K. Akshay, Manoj R, Rakshitha R, Reesha, Rekha Reddy, Deepak have completed one-month course on Data Structures (DS).

- Deepak S (Pointers in C), Deepak (C Programming), Ganesh (C with Pointers), Rekha Reddy (Functions in C, Pointers in C), S. Vijay (Functions in C, Pointers in C), Harshitha A. N (Programming in C), Rakshitha R (Programming in C) have completed one-month course on C Programming / Pointers in C / Functions in C.

- Harshitha S, J. Mounisha Reddy, Harshitha L, Hema, Honnarathi, Chalapathi, Divesh Priyan, Parthan Kumar, K. Akshay have completed one-month course on Python (Advanced / Specific).

- Parthan Kumar, Raksha K have completed one-month course on Cyber Security.

- Hemavathi M, Rakshitha M. R, Sandhya V, Veena S, Suman, Shree Lakshimi, Neha Shree, Tarun V, Tejashwini S. S have completed one-month course on Artificial Intelligence / Introduction to AI.

- Amulya K. S, Gouri V, Kumari Rajshree, Jayapreethi S have completed one-month course on AI for All.

- Amulya K. S, Gouri V, Kumari Rajshree, Jayapreethi S have completed one-month course on Generative AI.

· Pavithra M, Rakshitha M. R, Veena S, Sandhya V, Prathibha Hanamantha, R. V. Johitha, Swathi S, Syed Shabazulla have completed one-month course on Internet of Things (IoT).

· Pavithra M, Rakshitha M. R, Sandhya V have completed one-month course on Networking and Web Technologies.

· Shree Lakshimi, Raksha K have completed one-month course on Machine Learning / AI & ML Fundamentals.

· Hemavathi M has completed one-month course on Introduction to Data Science

· Latha Shree R. L has completed one-month course on Introduction to OpenAI GPT Models.

· Neha Shree has completed one-month course on Fundamentals of C.

· Mohammed Zahid has completed one-month course on Website Development.

UDEMY

Students of third semester completed professional courses through Udemy, focusing on Java and Python fundamentals.

• Chyavanshankar M completed Basics of Java and Python.

• Divesh Priyan completed Basics of Java.

• Parthan Kumar and; Manoj R completed Basics of Java Programming, and K. Akshay completed Java.

COURSERA

Students of third semester completed certifications through Coursera, enhancing advanced technical skills.

• Chalapathi completed Operating Systems and Java.

• N. M. Bhavani completed Java Classes & Objects and Machine Learning, reflecting interest in both programming and AI/ML domains.

LINKEDIN LEARNING

Students of third semester completed LinkedIn Learning certifications included programming and data structure courses.

• Chyavanshankar M completed Data Structures.

• Divesh Priyan completed Python.

• Parthan Kumar and K. Akshay completed Python, and Michael Zeu D. Dilva completed Object-Oriented Programming with Java.

META

N. M. Bhavani successfully completed Introduction to iOS, expanding expertise in mobile development.

Students from the 5th and 7th semesters enthusiastically participated in Anthariksha 2025, organized by Kuppam Engineering College on 3rd–4th September 2025. Our students showcased exceptional talent across multiple events and brought laurels to the institution.

• Shevin and Theertha (7th semester) secured Third Prize in Vibe Coding.

• Umme Hani, Rohith, and Rithika (5th semester) won Second Place in the Project Expo.

• Rohith (5th semester) also achieved Third Prize in the Quiz Competition.

INTERNATIONAL CONFERENCE (ICRTTEAS-2025)

Best Paper Award.

The following students were awarded Best Paper at the International Conference on Recent Trends in Technology, Engineering, and Applied Sciences (ICRTTEAS 2025–26), held on the 21st and 22nd of November 2025.

• Amulya, Karthik, Keerthana S, and Kethan Kumar S presented their paper titled "UPI Fraud Detection Using Machine Learning" under the guidance of Dr. Mohamed Karimulla and Prof. Velantina V.

• Shreeya M, Shresta S, V. Harini, and Varsha S showcased their work "Beyond Touch: A Vision-Based System for Universe System Interaction", guided by Prof. Nisha Bai M and Prof. Parvathi T. R.

• Rithika Roshini, Rohith G, Sarmeen, and Umme Hani presented "Personalized AI-Powered Multitasking Desktop Assistant" under the guidance of Prof. Punitha F and Prof. Ashwini Priyanka.

Amulya, Karthik, Keerthana S, and Kethan Kumar S presented their paper titled "UPI Fraud Detection Using Machine Learning"

5th semester,

• Akshaya K, Amulya K. S, Asfa Hana, and Jayapreethi presented "Automated Classroom Attendance System", guided by Dr. Jhansi Rani.

• Gouri V, Harshitha S, Haseni, and Meghana shared their paper "Visual to Text: An Enhanced Approach for Automatic Image Captioning Using DL Technology" under the guidance of Prof. Velantina V.

• Tarun, Yashas, Yugandar, and Shashank presented "AI-Powered Voice Assistant", guided by Dr. Geetha C. Megharaj and Prof. Rakshitha.

• Pooja E, Poojitha, Roopa Shree, and Sindhu contributed their research on "Safe Walk – Women Safety Mobile Application", guided by Dr. Kharmega Sundaraj.

Akshya K, Amulya K S, Asfa Hana, and Jayapreethi presented "Automated Classroom Attendance System"

Project Expo 2025 – Prize Winners

Intra- Project Expo 2025 served as an inspiring platform for students to showcase their innovation, technical competence, and research aptitude through diverse interdisciplinary projects addressing real-world challenges. The event recognized outstanding presentations from both final-year and fifth-semester students as detailed below:

Final Year Projects

First Prize:

The First Prize was awarded to "Smart Fertilizer Advisor: IoT & ML-Based Precision Agriculture" by Mohammed Al Fayad, Mohiuddin Aafaq, Murali N, and N. Shruthi under the guidance of Prof. Sophia S and Prof. Parvathi, and to "SwapSecure – Detection of Deep fake Videos" by Bhavana K.A, Bhavani B, Chandhana C, and Mehak guided by Dr. Geetha C. Megharaj and Prof. Premalatha D.

Second Prize:

The Second Prize was secured by "UPI Fraud Detection Using Machine Learning" presented by Amulya M.S, Karthik T, Keerthana S, and Kethan Kumar S under the mentorship of Dr. Mohamed Karimulla and Prof. Velantina V, along with "Crowd funding Platform Using Block chain Technology" by Abinaya Krishna Kumar and Rine Simon guided by Dr. G. Kharmega Sundararaj and Prof. Swathi J.A.

Third Prize:

The Third Prize was awarded to three teams for their projects: "Beyond Touch: A Vision-Based System for Universal Interaction" by Shreeya M, Shresta S, V. Harini, and Varsha S guided by Prof. Nisha Bai M and Prof. Parvathi; "AI and Deep Learning-Based Automated Ear Infection Detection" by Raghavi V, D. Rakshitha, Shakthi Roshitha, and Akshitha guided by Dr. Mohamed Karimulla and Prof. Swathi J.A; and "Detection of Phishing and SQL Injection Attacks Using Machine Learning Algorithms" by Sahana N, Shevin Rozario T, Theertha R, and Srinivas guided by Dr. Geetha C. Megharaj and Prof. Thara Devi M.

FIFTH SEMESTER PROJECTS

First Prize:

The First Prize was awarded to "Automated Classroom Attendance System" by Akshaya K, Amulya K S, Asfa Hana, and Jayapreethi J under the guidance of Dr. Jansi Rani J, and "Visuals to Text: An Enhanced Approach for Automatic Image Captioning Using Deep Learning Techniques" by Gouri V. Kalgurki, Harshitha S, Haseni G, and Meghana M guided by Prof. Valentina V.

Second Prize:

The Second Prize was secured by "Dynamic Department Database Webpage" by Akshay Kumar K.N, Harshitha A, Kumari Rajeshree, and Latha Shree R.L under Dr. G. Kharmega Sundararaj; "Marine Pollution Control: Ocean Plastic Identification Using Machine Learning" by Febin Aloyshius V, Mirza Munawer Baig, Mohammed Tousif Raza, and Noel Joseph J guided by Prof. Sangeetha V; and "Retinal Biometrics for Secure Identification" by Komala B, Nanditha K.N, Jeevitha Reddy R, and Dhanush Vishwanathan R.K guided by Prof. Divya Shree V.

Third Prize:

The Third Prize was awarded to "Adaptive Speech-Based Virtual Assistant Using Neural Models" by Tarun V, Yashas S. Singh, Yugandar S.B, and Shashank K.R guided by Dr. Geetha C. Megharaj and Prof. Rakshitha, and "StegCrypto: A Hybrid Data Encryption Technique" by Syed Madanin Shoaib, Syed Roshan Riyan, Tirumala D, and Veerendra Patil guided by Prof. Sophia S and Prof. Ashwini S.

Fourth Prize:

The Fourth Prize was conferred upon "Smart Shield: Deep Learning and NLP-Based Cyberbullying Detection System" by Trisha G, V. Neha Anjum, Vidyashree C.V, and Neha Shree G guided by Prof. Thara Devi M and Prof. Sangeetha V, and "Gesture Text: Machine Learning for Sign Language to Text Conversion" by Prithvi Raj Singh M, Rich Antony T, Sujay S, and Suman R guided by Prof. Parvathi T.R.

OUTREACH AWARENESS

On 20th August 2025, students from the 3rd, 5th, and 7th semesters, along with faculty members, actively participated in a rally focused on the prevention of drug abuse, alcohol addiction, and smoking. The awareness rally commenced from Five Lights and continued through MG Market – Surajmull Circle, spreading an important message on health, safety, and responsible living.

Students participated in the rally

INDUSTRIAL VISITS

The students of the 5th semester participated in an industrial visit to the Visvesvaraya Technological and Industrial Museum on 15th November 2025. The visit provided them with valuable insights into technological innovations, industrial advancements, and scientific exhibits, significantly enhancing their practical understanding beyond the classroom.

INFINOX CLUB ACTIVITIES

The workshop titled "Framework for Effective Research Article" was organized by the Department Technical Club INFINOX, with Dr. Jansi Rani, Associate Professor, serving as the resource person. The workshop was conducted on 21st August 2025 and 29th September 2025, and students from the 7th and 5th semesters actively participated

- The workshop titled "Innovate and Automate: The Engineering Side of E-Commerce" was organized by the Department of Computer Science and Engineering, Dr. TTIT, in association with the CSI Student Branch and Student Club INFINOX, Dr. TTIT. The session was conducted by Prof. Ashwini Priyanka, Assistant Professor, Dept. of CSE, Dr. TTIT. It was held on 11th October 2025 for 7th Semester students and 12th October 2025 for 5th Semester students.

- An awareness program titled "Behind the Screens – The World of Cyber Crime Awareness for a Safer Digital World" was organized by the Department Technical Club INFINOX, Dr. TTIT, in association with the Department of Computer Science and Engineering, Dr. TTIT. The session was conducted by Mr. Lakshmi Narayana, Inspector, Cyber Crime Police Station, KGF, and Mr. Manikanta V., Police Officer & Resource Person, Cyber Crime Police Station, KGF. It was held on 30th October 2025.

Inaugurating the session by Mr. Manikanta V., Police Officer & Resource Person, Cyber Crime Police Station, KGF

An enlightening session on "Calm and Connect – Nurturing Student Well-Being: Neurobiological Process" was organized by the Department Technical Club INFINOX, Dr. TTIT, in association with the CSI Student Branch, Dr. TTIT. The session was conducted by Shree Ganeshji, Global Neurobiological Process and Yoga Wellness Trainer & Motivational Speaker, and was held on 14th November 2025.

FDP / WORKSHOP AND TRAINING PROGRAMS

- All faculty members of the department attended a five-day Faculty Development Program (FDP) on "Deep Learning and Its Applications", held from 28th August to 2nd September 2025. The program was organized by all departments of Dr. TTIT, KGF, in association with the Institution of Engineers (India) – IEI.

- Dr. G. Kharmega Sundraraj, Prof. Sophia, Prof. Sangeetha, Prof. Divyashree, Prof. Ashwini, and Prof. Mithra attended an FDP on "Quantum Computing", organized by the Ramrao Adik Institute of Technology, D.Y. Patil Deemed University, Navi Mumbai, in association with New Horizon College of Engineering, Bengaluru, and KIIT University, Bhubaneswar, in collaboration with ExcelR Edtech Pvt. Ltd., held from 11th to 18th August 2025.

- Dr. Jansi Rani attended a one-week Short-Term Training Program (STTP) on "Empowering Research and Innovation: Writing, Proposal Writing, and Patent Development", organized by Sanjivani College of Engineering, Kopargaon, Maharashtra, & RSP Science Hub, powered by Eclearnix Edtech, Coimbatore, from 7th to 12th July 2025.

- Prof. Sharmilla, Prof. Mercy Flora Pritheba A, and Prof. Ashwini successfully completed the 30-hour live training programme on "Blockchain Technology & Industry Applications", organized by ExcelR, and held from 18th August to 8th September 2025.

- Prof. Shalini participated in the FDP on "Parallel Computing", organized by the E&ICT Academy, IIT Guwahati, in association with Bapuji Institute of Engineering and Technology, Davangere, and held from 8th to 12th September 2025.

- Prof. Sharmilla and Prof. Mercy Flora Pritheba A completed the 30-hour training programme on "Foundations of Programming with Python", organized by ExcelR, from 15th September to 6th October 2025.

- Prof. Mercy Flora Pritheba A completed the Introduction to Artificial Intelligence programme offered by Infosys Springboard on 3rd July 2025, followed by Machine Learning and Deep Learning training conducted by IBM SkillsBuild on 8th July 2025. And also completed the Data Analytics Using Power BI – Industry Programme, organized by Atria Institute of Technology, Bengaluru, and Annasaheb Dange College of Engineering & Technology, Maharashtra, in collaboration with ExcelR, from 28th July to 1st August 2025.

- Prof. Sophia, Prof. Divyashree, Prof. Ashwini, and Prof. Mithra attended the six-day FDP on "Augmented Reality/Virtual Reality (AR/VR)", organized by Dr. Vithalrao Vikhe Patil College of Engineering, Maharashtra, along with CV Raman Global University and CV Raman Polytechnic, Odisha, in collaboration with ExcelR, conducted from 25th to 31st August 2025.

- Prof. Sangeetha, Prof. Divyashree, Prof. Ashwini, and Prof. Mithra attended the Faculty Development Programme on "AI-RAG", jointly organized by Chaitanya Bharathi Institute of Technology and MVSR Engineering College, Hyderabad, in collaboration with ExcelR, held from 8th to 12th September 2025.

- Prof. Sangeetha, Prof. Ashwini, and Prof. Mithra attended the five-day FDP on "Digital marketing", organized by Dayananda Sagar University, Bengaluru, conducted from 22nd to 26th September 2025.

- Prof. Preethi S and Prof. Ashwini completed the 30-hour live training programme on "DSA for Product-Based Companies - Mastering Data Structures & Algorithms to Crack Top Tech Interviews", conducted by ExcelR, from 21st July to 8th August 2025.

- Prof. Valantina and Prof. Divyashree completed the FDP on "Digital Transformation in Higher Education", organized by VVCE Mysuru, held from 13th to 17th October 2025

- Prof. Divyashree completed the FDP on "Cyber Security", conducted from 13th to 17th October 2025, and also attended a one-day "Vocational Guidance" session organized by SkillDunia, in association with E-Cell IIT Hyderabad and IPA Pune, held on 23rd October 2025.

- Prof. Parvathi participated in a two-week FDP on "Deep Learning", organized by SkillDzire in collaboration with AICTE, and conducted from 18th August 2025.

- Prof. Ashwini completed the 30-hour live training programme on "Autonomous Vehicles and Electric Vehicles", organized by ExcelR, from 6th to 24th October 2025.

- Prof. Rakshitha completed the one-week NFDP on "Trending & Modern Teaching Methods", organized by HI Learn EdTech Institute, Bijapur, from 10th to 16th July 2025. and also participated in the five-day FDP on Generative AI & Social AR/VR, organized by Nitte Meenakshi Institute of Technology in association with Madras MindWorks Pvt. Ltd., held from 28th July to 1st August 2025.

- Prof. Mithra successfully completed:

1. One-week FDP on "Recent Advancements in AI & ML", organized by St. Joseph's College of Engineering, in association with STEP-NITK Surathkal and Pantech E-Learning, from 30th June to 4th July 2025.

2. FDP on "Recent Trends on AI-EXT, Vision & Hardware Implementation Models", organized by Panimalar Engineering College in association with STEP-NITK Surathkal and Pantech Solutions Pvt. Ltd., held from 28th August to 2nd September 2025.

3. FDP on "AI, ML & Deep Learning for Autonomous Vehicles", organized by STEP-NITK Surathkal and Pantech E-Learning, on 1st October 2025.

4. Six-day FDP "The Agentic AI Paradigm: Architecture, Enabling Technologies & Real-World Applications", organized by the Presidency School of Information Science, Presidency University, from 3rd to 8th November 2025.

5. FDP on "Generative AI and Agentic AI", organized by ICFAI, Hyderabad, held from 10th to 14th November 2025.

6. Five-day NFDP on "Recent Advancement in Machine Learning: Emerging Tools, Techniques, and Applications", organized by Prathyusha Engineering College in association with Pantech Solutions Pvt. Ltd., from 24th to 28th November 2025.

- Prof. Ashwini attended a one-day workshop titled "Build Your Financial Security: A Workshop for Professors and Students", organized by the Star International Foundation for Research and Education, held on 17th September 2025. She also attended a one-day workshop on "Training the Trainers on Innovation Design Thinking & Project-Based Learning" at SJC Institute of Technology, Chikkaballapura, on 14th October 2025.

- Prof. Mithra attended a one-day webinar on "Deep Learning and Generative AI", organized by Tezpur University in association with Pantech E-Learning, and conducted on 20th August 2025.

PAPER PRESENTATION

- Prof. Preethi S presented a research paper titled "Blockchain-Enabled Encryption Technique for Secure Data Exchange in the Health Sector" at the IEEE 5th International Conference on Soft Computing for Security Applications (ICSCSA-2025), organized by Dhirajlal Gandhi College of Technology, Salem, Tamil Nadu, from 4th to 6th August 2025.

- Prof. Ashwini S presented a paper titled "A Comprehensive Study on Edge-AI Resource Recommendation Techniques for 5G/6G Channel" at the 2025 2nd Asian Conference on Intelligent Technologies (ACOIT), held at Dr. T. Thimmaiah Institute of Technology, Kolar, from 10th to 11th October 2025.

- Prof. Swathi J. A. presented a paper titled "A Survey on Predicting Heart Disease with Machine Learning Techniques" at the International Conference on Harnessing AI, Quantum Computing, Sustainable Future (ICAQASF), held at East Point College of Engineering & Technology, Bangalore, from 25th and 26th July 2025.

ONLINE CERTIFICATE COURSES COMPLETED BY FACULTY

- Dr. Jansi Rani completed the NPTEL 12-week courses "Artificial Intelligence: Concepts and Techniques" and "Responsible & Safe AI Systems", held during July–October 2025.

- Prof. Sharmila Kumari N completed Infosys Springboard courses on "Fundamentals of IoT Security" on 8th July 2025, "Introduction to Artificial Intelligence" on 3rd July 2025, and "Machine Learning & Deep Learning" on 7th July 2025.

- Prof. Mercy Flora Pritheba A completed Infosys Springboard courses on "Introduction to Artificial Intelligence" and "Generative AI for All" on 3rd July 2025, "Machine Learning & Deep Learning" on 7th July 2025, "Artificial Intelligence for All" on 8th July 2025, and "Fundamentals of IoT Security" on 9th July 2025.

- Prof. Tharadevi M completed the NPTEL 12-week course on "Deep Learning", held during July–October 2025.

- Prof. Shalini completed the NPTEL 12-week course on "Introduction to Machine Learning", held during July–October 2025.

- Prof. Parvathi T. R completed the NPTEL 12-week courses "Introduction to Machine Learning" and "Digital Image Processing", held during July–October 2025.

- Prof. Divya Shree completed Infosys Springboard courses on "Networking Fundamentals", "Fundamentals of Cryptography", "Fundamentals of Information Security", and "Introduction to Cyber Security" on 13th August 2025.

- Prof. Jerusha Madhurya P completed the courses "AWS Cloud Technical Essentials" on 7th August 2025 and "Introduction to Information Technology and AWS Cloud" on 1st September 2025, offered by Coursera.

- Prof. Rakshitha Murachavar completed Infosys Springboard courses on "Java for Beginners" on 8th July 2025, "Introduction to Cloud Computing" on 9th July 2025, and "Architecting Java Solutions for CICS: IBM Redbooks" on 25th July 2025.

- Prof. Ashwini Priyanka completed a 3-month course on "Master's in Business Analytics and Digital Marketing" from HCL GUVI, Chennai, held during July–September 2025.

FACULTY ACHIEVEMENTS

Prof. Preethi S served as a Reviewer for the IEEE International Conference on Communication, Computer, and Information Technology (IC3IT-2025), held at Mysuru Royal Institute of Technology, Mandya, on 24th and 25th October 2025. The conference was organized in association with the IEEE Mysore Subsection and the IEEE Bangalore Section.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (Artificial Intelligence and Machine Learning)

STUDENT'S ACTIVITY

PAPER PRESENTATION

The following papers were presented their papers at the 8th International Conference on Recent Trends in Technology, Engineering, and Applied Sciences (ICRTTEAS 2025–26), held on the 21st and 22nd of November 2025.

· Iqra Farheen S, Likitha D, Maher Fatimah and R. Harika of 7th semester students presented the paper title "ASPIRO AI: AI-Powered College Mentorship and Career Guidance System" under the guidance of Prof. Mukesh M.

· Raviraj Hugar, Jeshur Harmon Prakash, Swaroop B. M. and Charan Sai K of 7th semester students presented the paper title "Thyroid Anomaly Prediction Using Hybrid ML Models" under the guidance of Prof. Inbalatha K.

· Sudhashree V, Rashmi B. S. and T. S. Venkata Pruthvi Reddy of 7th semester students presented the paper title "NutriLung: Early Lung Cancer Prediction with Diet Recommendation System" under the guidance of Prof. Inbalatha K.

· Sonjun Murthy, Vivander V, Sandeep A. and Rahul J. of 7th semester students presented the paper title "AI-Based Deepfake Detection Using Iris Recognition" under the guidance of Prof. Naveen Kumar V.

· Ravi Kumar A. S., Shreya Kiran, Tulasi N. and Ashmi K. of 7th semester students presented the paper title "Revolutionizing Communication with AI-Driven Translation" under the guidance of Prof. Apoorva D.

· Sanjay Gowda C. A. and Srushti R. V. of 7th semester students presented the paper title "Dhisasya: Intelligent Crop System" under the guidance of Dr. Leelavathy S. R.

· Chinmay A, Musavir Pasha, Nithin Gowda H. N. and Rohith Bhagath A. S. of 7th semester students presented the paper title "One Tap Door-to-Door Household Essential Services" under the guidance of Dr. Leelavathy S. R.

· Monisha R, Shakthi Kumaresan, Vaishnavi S. and Deasa Spoorthi John J. of 7th semester students presented the paper title "Heart Attack Risk Prediction Using Retinal Image" under the guidance of Dr. R. Ezhilan.

· Sachith C, Bhadrinath T, Nishal Megan N. and Tharun N. presented the paper title "AI Powered Waste Classification and Recycling Plan" under the guidance of Prof. Christy Paulin.

· Jeevan V, Madhavan S. and Monalisa B. presented the paper title "AI-Powered Ingredient Detection and Recipe Recommendation System" under the guidance of Prof. Christy Paulin.

· Divyashree M, Pallavi C. N. and Rakshitha A. presented the paper title "AI-Powered Price Prediction for Agriculture and Vegetable Markets" under the guidance of Prof. Inbalatha K.

· Dhanush R, Kumar Harshith S. Jadav and Praneet R. presented the paper title "AI-Based Movie Recommendation – CineMatch: Personalized Movie Recommendations" under the guidance of Prof. Beula Kumari.

· Ambrish C, Dharshan M, Narendra Gowda M. and Yesunath Reddy K. A. presented the paper title "Artificial Intelligence in an Autonomous Fire-Fighting Robot" under the guidance of Prof. Bhuvaneshwari B. S.

· Harni Priya A, Samantha Joy J, R. Sonika Rani and Keerthi N. presented the paper title "Automatic Resume Screening Using NLP: Emotion and Soft Skill Fusion Graph" under the guidance of Dr. Ezhilan R.

· Parnika P, Sadiya Tamanna and Sai Deeksha D. presented the paper title "Block chain-Based Secure Framework for Organ Donation Management" under the guidance of Dr. Leelavathy S. R.

· Noor Huda, Ruhma N. and Tahera Taj presented the paper title "Explainable AI Driven Loan Approval Prediction System" under the guidance of Prof. Apoorva D.

· Akshay N, Hayden Antonio Thomas and Prathuv P. presented the paper title "Feel Free – Managing Emotional Disabilities" under the guidance of Prof. Beula Kumari J.

· Nithin A. V., Fardeen Khan, Fazulur Rahman and Maaz Touqir Ahmed presented the paper title "Predicting Student Performance Using Machine Learning" under the guidance of Prof. Prathyusha G.

· Akshay Kumar M, Kenneth Alex L, Kevin Jabez P. and Ralph Ruban M. presented the paper title "Smart AI Railway Gate" under the guidance of Prof. Bhuvaneshwari B. S.

· Agalya P, Pooja S. and Rakshita R. presented the paper title "Smart Assistance Glove for Disabled People" under the guidance of Prof. Mukesh M.

· Poorvika P, Naganandhini H. S. and Mohammed Haris I. presented the paper title "Stage Adaptive Wearable System for Alzheimer's Patient Monitoring and Caregiver Assistance" under the guidance of Prof. Mukesh M.

· Merlin Varsha W. and Supriya M. S. presented the paper title "Topic Based Specific Weighted Ensemble Using AI Model" under the guidance of Prof. Naveen Kumar V.

- Anusha J, J. M. Vaishnav Swaroop, M. Vikas and R. Manoj Kumar presented the paper title "Vigilant – Safety Alert App" under the guidance of Dr. Ezhilan R.

- Umadevi B, Dharshika M. D. and Humaira Ridha K. presented the paper title "XAI Approach for Stroke Risk Prediction Using ML & DL Models" under the guidance of Prof. Naveen Kumar V.

- Ashwathi M, Preethi D, Sharanya C. and Kavya R. K. presented the paper title "XAI-Driven Machine Learning Framework for Lung Cancer Detection" under the guidance of Prof. Apoorva D.

Project Expo 2025

- 1st Prize was awarded to Monisha R, Shakthi Kumaresan, Vaishnavi S, and Deasa Spoorthi John J, 7th Semester students, for presenting the paper titled "Heart Attack Risk Prediction Using Retinal Image" under the guidance of Dr. R. Ezhilan.

- 2nd Prize was awarded to Anusha J, J. M. Vaishnav Swaroop, M. Vikas, and R. Manoj Kumar, 5th Semester students, for presenting the paper titled "Vigilant – Safety Alert App" under the guidance of Dr. Ezhilan R.

- 3rd Prize was awarded to Jeevan V, Madhavan S, and Monalisa B for presenting the paper titled "AI-Powered Ingredient Detection and Recipe Recommendation System" under the guidance of Prof. Christy Paulin.

Inter College Project Expo 2025

1st Prize under the category of Software Project for the project paper titled "Aspiro AI – AI Powered College Mentorship and Career Guidance System" presented by Likitha D, Maher Fatimah, Harika R, and Iqra Farheen S under the guidance of Prof. Mukesh M.

First prize under software project

1st Prize under the category of Social Impact for the project paper titled "Revolutionizing Communication with AI-Driven Translation" by Ashmi K, Shreya Kiran, Tulasi N, and Ravi Kumar A. S. under the guidance of Prof. Apoorva.

1st prize under social impact

Project Expo Main Projects

- 1st Prize for the project paper titled "Revolutionizing Communication with AI-Driven Translation" by Ashmi K, Shreya Kiran, Tulasi N, and Ravi Kumar A. S. under the guidance of Prof. Apoorva.

- 2nd Prize for the project paper titled "Aspiro AI – AI Powered College Mentorship and Career Guidance System" presented by Likitha D, Maher Fatimah, Harika R, and Iqra Farheen S under the guidance of Prof. Mukesh M.

- 3rd Prize for the project paper titled "Heart Attack Risk Prediction Using Retinal Image" presented by Monisha A, Shakthi Kumaresan, Vaishnavi S, and Desa Spoorthy John under the guidance of Dr. Ezhilan.

- 1st Prize for the project "Smart Assistance Glove for Disabled People" by Agalya P, Pooja S, and Rakshita R under the guidance of Prof. Mukesh M.

- 2nd Prize for the project "Vigilant – Neighbourhood Safety Alert System" by Anusha J, J. M. Vaishnav Sworoop, M. Vikas, and R. Manoj Kumar under the guidance of Dr. Ezhilan.

- 3rd Prize for the project "Blockchain-Based Secure Framework for Organ Donation Management" by Parnika P, Sadiya Tamanna, and Sai Deeksha D under the guidance of Dr. Leelavathy S. R.

- 4th Prize for the project "Automatic Resume Screening Using NLP: Emotion and Soft Skill Fusion Graph" by Harni Priya A, Samantha Joy J, R. Sonika Rani, and Keerthi N under the guidance of Dr. Ezhilan.

CULTURAL AND TECHNICAL ACTIVITIES

ANTHARIKSHA-2K25

Students actively participated in ANTHARIKSHA-2K25, organized by Kuppam Engineering College on 19th September 2025. The event served as a platform for students from various institutions to showcase their knowledge, skills, and talents through multiple technical and cultural activities.

A total of 11 students from our department attended the event. They enthusiastically took part in several activities, including paper presentation, coding contest, quiz, and cultural programs. They received the Best Paper Presentation awards:

- 1st Prize – Sanjay Gowda C. A. and Srushti R. V.

- 2nd Prize – Ravi Kumar and Shreya Kiran

Students from our department actively participated in Vrishni 2K25, an intercollegiate fest organized by Sri Bhagawan Jain First Grade College, KGF, on 19 September 2025. The event provided a vibrant platform for students to showcase their talents across a wide range of technical and cultural activities.

We greatly appreciate the enthusiastic involvement of all participating students who represented our department with dedication and confidence. Their commitment and teamwork were evident throughout the event.

The department extends its sincere gratitude to the college management and faculty members for their continuous encouragement and support, which played a key role in motivating students to participate and excel.

FACULTY ACTIVITIES

Opening of Club

On 12th September 2025, the Neural Nexus Club was established with the objective of providing students a dynamic platform to participate in both technical and non-technical activities that promote learning, creativity, and collaboration.

The club is envisioned as a space where students can explore domains such as Artificial Intelligence, Machine Learning, Coding, Robotics, and Emerging Technologies. In addition, it encourages participation in non-technical activities, including management games, cultural programs, soft-skill development sessions, leadership initiatives, and various community-building events.

Inauguration of Neural nexus club

Workshop Overview

The workshop provided valuable insights into the integration of Artificial Intelligence, Industry 4.0 technologies, and their applications for innovators and aspiring entrepreneurs. The session covered modern tools, emerging industry trends, real-world case studies, and hands-on demonstrations to help students understand the role of AI-driven solutions in technological innovation.

The engaging session encouraged participants to explore new technological avenues and inspired them to think creatively about future opportunities in AI and Industry 4.0.

Cyber Security Awareness Program

A Cyber Security Awareness Program was conducted on 10th November 2025 with the objective of educating students and faculty on safe digital practices, online threat prevention, and responsible use of technology in the modern digital era. The session aimed to strengthen awareness about cyber risks and equip participants with essential knowledge to safeguard personal and institutional data.

Inauguration Cyber security awareness program

24 hour Hackathon

A 24-hour Hackathon was successfully conducted on 28th and 29th November 2025 in collaboration with the Institution's Innovation Council, hosted as Nexathon 25 – a 24-hour Hackathon.

A total of 30 teams participated, including 18 teams from various colleges across Karnataka and Andhra Pradesh and 12 teams from Dr. T. Thimmaiah Institute of Technology. An enthusiastic and diverse participation of 38 girls and 78 boys reflected excellent energy and inclusivity.

The event brought together innovative minds from various departments to collaborate, design, and develops creative technological solutions. It aimed to promote problem-solving skills, teamwork, and hands-on learning through an intense and engaging coding marathon. Cash prizes were given to the winners.

Students participating in 24 hours hackathon

Winners of 24 hour Hackathon

DEPARTMENT OF BASIC SCIENCE & HUMANITIES

STUDENT'S ACTIVITY

Student Achievements

NCC Participation
Combined Annual Training Camp 2025

Students from our institution actively participated in the Combined Annual Training Camp–2, held at the E & ITI Air Force Station, Jalahalli, Bangalore, from 18th September 2025 to 27th September 2025, organized by the 10 Kar Battalion NCC, Kolar. Harshitha R., I Semester, successfully represented the institution and emerged as the winner in the Drill Test Competition, showcasing excellent discipline and leadership skills. Ms. Monisha M., First Year CSE, also participated in the camp and contributed with enthusiasm and dedication. Mr. Girish M., First Year ECE, took part in the training program, demonstrating commitment to the values of the NCC. Their participation reflects the strong spirit of discipline, teamwork, and service cultivated among our students through NCC activities.

Project Expo 2025–26

Yashashwini M., Zeba A., Zuhiya Sanobar, and Umme Aiman secured the Second Prize for their outstanding project presentation, bringing laurels to the institution for their technical creativity and teamwork.

CONSTITUTION DAY CELEBRATIONS
Quiz Competition on Constitution Day

As part of the Constitution Day celebrations, a Quiz Competition was organized on 25 November 2025 for the first-year students of the EEE, ECE, and AIML branches. The event aimed to enhance students' awareness and understanding of the Indian Constitution, encouraging active learning through an engaging and competitive format. The competition served as a meaningful platform to promote constitutional values, civic responsibility, and academic enrichment among the participants
STUDENT DEVELOPMENT PROGRAMME.

A Student Development Programme on the topic "How to Focus on Studies without Distraction" was conducted on 14 November 2025. The session was led by Mr. Ganesh V. A., Award Winner, who shared valuable insights and practical strategies to help students improve concentration, manage time effectively, and maintain academic focus. The interactive session was well received by students and proved to be highly beneficial in motivating them towards disciplined study habits and personal growth.

Mr. Ganesh V A Delivering a speech on how to focus on studies without distraction

FACULTY ACTIVITY

FDP / Workshop / Webinar Attended by Faculty

• Dr. Manjunatha C attended FDP in "Applied Mathematics and Analysis for Engineering Technology" from 7th to 11th July 2025 at SRM Institute of Science and Technology, Tiruchirappalli, Tamil Nadu

• Dr. Manjunatha C attended FDP in "AI for Teaching and Learning" from 18th to 29th August 2025 in the Ministry of Electronics and Information, Government of India, and "Organic Semiconductor in Quantum Sensing and AI" from 18th to 24th September 2025 at East Point College of Engineering and Technology.

• Dr. Kalyana Kumar S attended FDP in "Integrating AI Tools for Innovative Teaching and Research" from 21st to 26th July 2025 at Bharath Institute of Higher Education and Research, Chennai.

• Dr. Kalyana Kumar S attended FDP in "AI for Teaching and Learning" from 18th to 29th August 2025 in the Ministry of Electronics and Information, Government of India, and "Organic Semiconductor in Quantum Sensing and AI" from 18th to 24th September 2025 at East Point College of Engineering and Technology.

• Prof. K. G. Sandhya S attended FDP in "Organic Semiconductor in Quantum Sensing and AI" from 18th to 24th September 2025 at East Point College of Engineering and Technology.

• Prof. Anand N attended FDP in "Advanced and Emerging Technologies in Engineering and Applied Science" from 18th to 23rd August 2025 at Malnad College of Engineering, Hassan, and "Organic Semiconductor in Quantum Sensing and AI" from 18th to 24th September 2025 at East Point College of Engineering and Technology.

• Prof. Maria Florita L attended FDP in "Applied Mathematics and Analysis for Engineering Technology" from 7th to 11th July 2025 at SRM Institute of Science and Technology, Tiruchirappalli, Tamil Nadu, and "Organic Semiconductor in Quantum Sensing and AI" from 18th to 24th September 2025 at East Point College of Engineering and Technology.

• Prof. Samreen Sultana M attended FDP in "Applied Mathematics and Analysis for Engineering Technology" from 7th to 11th July 2025 at SRM Institute of Science and Technology, Tiruchirappalli, Tamil Nadu, and "Organic Semiconductor in Quantum Sensing and AI" from 18th to 24th September 2025 at East Point College of Engineering and Technology.

• Prof. Shashank R attended FDP in "AI for Teaching and Learning" from 18th to 29th August 2025 at the Ministry of Electronics and Information, Government of India, and "Organic Semiconductor in Quantum Sensing and AI" from 18th to 24th September 2025 at East Point College of Engineering and Technology.

• Prof. Princy M attended the Five-Day FDP on "Organic Semiconductor in Quantum Sensing" at AITAL from 18th September 2025 to 24th September 2025.

• Prof. Sheela Kumari V attended the Five-Day FDP on "Organic Semiconductor in Quantum Sensing" at AITAL from 18th September 2025 to 24th September 2025.

• Prof. Pradeep P attended the Five-Day FDP on "Organic Semiconductor in Quantum Sensing" at AITAL from 18th September 2025 to 24th September 2025. One-day FDP on Applied Physics at BMSIT College, Bangalore, on 30th August 2025.

• Prof. Gowthami S attended the Five-Day FDP on "Organic Semiconductor in Quantum Sensing" at AITAL from 18th September 2025 to 24th September 2025. One-day FDP on Applied Physics at BMSIT College, Bangalore, on 30th August 2025. One-day FDP on "National Symposium on Breaking Barriers:

Women Leading Innovation in Science and Technology" at BNU Malur on 20th November 2025. One-week online FDP on "VTU Revised Physics Curriculum" at Cambridge Institute of Technology, Bangalore, from 27th October 2025 to 1st November 2025.

• All faculty members attended the Five-Day FDP on "Deep Learning and Applications," held from 28th August 2025 to 2nd September 2025 at Dr. TTIT, KGF.

• Prof. Mohana K. R. attended the state-level one-day workshop on "Upgradation and Revision of Applied Chemistry Syllabus," organized by the Department of Chemistry, MITM, held on 12th July 2025. FDP in "Applied Chemistry (2025 scheme)" held on 30th August 2025 at East Point College of Engineering and Technology, Bengaluru. AICTE Training and Learning (ATAL) Academy FDP on "Organic Semiconductors in Quantum Sensing and AI Future Technologies for Battlefield Superiority" at East Point College of Engineering and Technology, Bengaluru.

• Prof. Vinodhini C attended AICTE Training and Learning (ATAL) Academy FDP on "Organic Semiconductors in Quantum Sensing and AI Future Technologies for Battlefield Superiority" at East Point College of Engineering and Technology, Bengaluru, from 18th September 2025 to 24th September 2025.

• Prof. Dhaneshwari V attended FDP on "Applied Chemistry (2025 scheme)" held on 3rd August 2025 at East Point College of Engineering and Technology, Bengaluru. AICTE Training and Learning (ATAL) Academy FDP on "Organic Semiconductors in Quantum Sensing and AI Future Technologies for Battlefield Superiority" at East Point College of Engineering and Technology, Bengaluru.

• Prof. Reshma M attended FDP on "Applied Chemistry (2025 scheme)" held on 30th August 2025 at East Point College of Engineering and Technology, Bengaluru. AICTE Training and Learning (ATAL) Academy FDP on "Organic Semiconductors in Quantum Sensing and AI Future Technologies for Battlefield Superiority" at East Point College of Engineering and Technology, Bengaluru.

• Prof. Subhashini Gladious attended the Five-Day FDP on "Organic Semiconductor in Quantum Sensing" by ATAL from 18th September 2025 to 24th September 2025.

• Prof. Princy S attended the Five-Day FDP on "Organic Semiconductor in Quantum Sensing" by ATAL from 18th September 2025 to 24th September 2025. One-week FDP on "Result Oriented Teaching by Learn Edutech Institute" from 19th August 2025 to 25th August 2025. Attended FDP on "Communication Skills and Soft Skills" at VTU Regional Office, Bangalore.

MOCK CET – 2025

The CET mock test 2025 toppers were felicitated

We proudly recognize the exceptional performers of the Mock CET conducted in two sessions on 6th and 13th April 2025. Over 800 students participated from various PU colleges, using the opportunity to prepare for the CET with confidence.

The top scorers were awarded during the 46th Governing Council Meeting held on 21st July 2025 at Dr. TTIT, KGF.

Prizes were distributed by our President, Dr. T. Venkat Vardhan; Mr. Raoul Kengal Vardhan, Vice President; Mr. Brijesh Patil, former Secretary, KSCA; and Dr. Krishna Kumar, Secretary, along with Dr. Syed Ariff, Principal and Dr. H. G. Shenoy, Vice Principal, Dr. TTIT.

Felicitation s of Mock CET 2024 toppers

BEML VIGILANCE AWARENESS WEEK

Students of Dr TTIT have excelled at the BEML Vigilance Awareness Week competitions, which were held on September 29, 2025. The winners were Richetha Richard S (CSE AI&ML, 2nd Year) – 1st Prize in Extempore, Deasa Spoorthi John J (CSE AI&ML, 4th Year) – 2nd Prize in Group Discussion, and Maher Fatimah (CSE AI&ML, 4th Year) – Consolation Prize in Group Discussion. Accompanied by Dr. Bhuvanendhiran

WOMEN EMPOWERMENT CELL

The Women Empowerment Cell organized an insightful session on "Women Health and Self Hygiene" on 19th September 2025 at the Digital Block Seminar Hall.

The session featured Mr. Ananth M., Menstrual Hygiene Educator from Fem9 Group, Kuppam, and Mrs. K. Jayashree, Social Entrepreneur Lead, Andhra Pradesh, who emphasized the importance of menstrual hygiene and self-care practices.

The event was held under the leadership of Prof. Ruckmani Diwakaran (Chairman) and was efficiently coordinated by Prof. M. Maneela (Convenor) and Prof. Vinodhini.C (Co-Convenor).

An view of the session on "Women Health and Self Hygiene"

INSTITUTION'S INNOVATION COUNCIL ACTIVITIES

• Organized a session on "Angel Investment / VC Funding Opportunity for Early-Stage Entrepreneurs" on 28th August 2025 in the ECE Edusat Hall. The resource person was Dr. Manas Mukhopadhyay, Head of the Department of Mining Engineering, He discussed funding avenues, investor expectations, and strategies for early-stage startups. Around 60 students actively participated and benefited from the session.

• Organized a webinar on 25th August 2025 from 11:00 AM to 1:00 PM at the Mechanical Seminar Hall. The resource person was Mr. S. Kumar, Vice President, TMI Systems, Bangalore. He shared valuable insights on industry practices, innovation, and emerging trends in mechanical engineering. Around 60 students participated and benefited from the session.

• Organized a session on "Early Stage Entrepreneurs" on 25th August 2025 from 2:00 PM to 3:30 PM at the ECE EDUSAT Room. The resource person was Mr. R. Arun Kumar, Deputy Manager, Ashok Leyland Technical Center, Chennai. He provided insights on entrepreneurial strategies, innovation, and challenges faced by early-stage startups. Around 50 students from the Department of ECE actively participated and benefited from the session

• Organized a session on "Innovation and Startup Ecosystem Enablers" on 29th August 2025. The resource person was Dr. Gopinath Rao, Dy. Director (Retd.), MSME, Government of India. He addressed various aspects of startups, including approaches to funding agencies and ecosystem enablers, while also clarifying student queries. A total of 70 students and faculty members actively participated and benefited from the session

• Organized an essay writing competition on the occasion of World Entrepreneurs' Day 2025 on 21st August 2025 at the ME Seminar Hall. The event was aimed to encourage students to express their ideas on entrepreneurship and innovation. Participants showcased their creativity and critical thinking on entrepreneurial themes. Around 50 students participate.

Essay writing competition

• Organized a one-day workshop on "IoT Training for Beginners to Explore Innovation" on 25th August 2025 at the IoT Lab. The resource persons were Dr. Vijaya Geetha R., and Prof. Shankavi K., Department of ECE. The workshop provided hands-on training on IoT basics and its applications to encourage innovation among students. Fifth-semester Mining Engineering students actively participated and benefited

• Organized a session on "Basics of Startup" on 25th August 2025 from 10:00 AM to 12:00 PM at the ECE EDUSAT Room. The resource person was Mr. R. Arun Kumar, Deputy Manager, Ashok Leyland Technical Center, Chennai. He explained fundamental concepts of startups, including ideation, business models, and initial challenges faced by entrepreneurs. 60 students from the Department of ECE actively participated and benefited from the session.

• A one-day awareness workshop on the Incubation Scheme under the Raising and Accelerating MSME Performance (RAMP) Scheme was organized on 26th September 2025 at the Digital M-Center,. The event was jointly conducted by the Department of Industries & Commerce, KCTU, TECSOK Bangalore, in association with the District Industries Centre, Kolar. The program was exclusively arranged for 7th semester students, with an active participation of 150 students.The resource person was Mr. Chandrahas, a retired government official, who shared valuable insights on Micro, Small, and Medium Enterprises (MSME) and the importance of incubation schemes in promoting innovation, entrepreneurship, and self-reliance. He highlighted the various government initiatives, funding opportunities, and incubation support systems available for young innovators and startup session.

• An Awareness Workshop on "Entrepreneurship & Innovation as Career Opportunities" was organized by the Entrepreneur Development Cell (EDC) and the Institution's Innovation Council (IIC) on 11th November 2025. The session was facilitated by Mr. Dhiraj Abhimanyu Rao, CEO, AANS Technologies, Bangalore. The workshop aimed to create awareness among students about entrepreneurship, innovation, and the emerging opportunities in the startup ecosystem. It also intended to motivate students to explore entrepreneurial pathways as viable and rewarding career options.

• An Awareness Workshop on "My Story / Motivational Expert Sessions by Successful Innovators & Entrepreneurs" was organized by the Entrepreneur Development Cell (EDC) and the Institution's Innovation Council (IIC) on 14th November 2025. The session was held at the Mechanical Seminar

Hall, and Resource Person Mr. Manjunath S, Principal Architect, Schaeffler, Bangalore, delivered an inspiring and insightful motivational talk focusing on innovation, perseverance, and career development. He shared his personal journey, professional challenges, and strategies that helped him to grow as an innovator and leader in the engineering domain. A total of 60 students from the Department of Computer Science & Engineering (CSE) participated in the workshop

• Organized a workshop on "Problem Solving & Ideation" on 28th November 2025 at the ECE Edusat Room. Resource Person Dr. Jenitha A, Head of the Department, ECE, Dr. TTIT, KGF, delivered an engaging and highly informative session focused on cultivating innovative thinking among students.

• She emphasized the importance of identifying real-world problems, applying systematic ideation techniques, and developing meaningful technological solutions.

NSS ACTIVITY – SWACHH BHARAT MISSION (Plastic Free Zone Drive)

• As part of the Swachh Bharat Mission initiative to establish a Plastic Free Zone, a cleanliness drive was conducted on 14-08-2025 with active participation from final-year students of the Mining and CSE departments..

• Organized a cleanliness drive on 11-10-2025, with active participation from the third-year E&C students. A total of 28 students, along with Prof. Radhika, took part in the activity.

• A total of 30 students, including 09 students from the Mechanical Engineering Department and 19 students from the Electronics and Communication Engineering Department, took part under the guidance of Prof. Saravana Prasad K. and Prof. Radhika D.

Swachh Bharat Mission

ALUMNI ACTIVITIES

Alumni Guest Lecture -1

The Department of Electrical & Electronics Engineering organized an Alumni Guest Lecture on 16th October 2025.

Our proud alumna, Dr. Umadevi D, Assistant Professor at Dr. Ambedkar Institute of Technology, Bengaluru, delivered an insightful session on "AI in Electrical Engineering."

The session provided valuable insights into the integration of Artificial Intelligence with electrical systems and inspired students to explore innovative applications in the field.

The programme was coordinated by Prof. Subhashini S, Alumni Coordinator, and Department of E&EE.

Dr. Umadevi D, Delivering the session

Alumni Guest Lecture - 2

Department of Electrical and Electronics Engineering organised a guest lecture on 24 November 2025.

Mr. Pradish M, Joint Director, CPRI Bangalore and proud alumnus of EEE (1994–98), for an inspiring guest lecture today on "Power Distribution Automation and Advanced Metering Infrastructure."

With 20+ years of expertise in smart grids, cyber security, metering, SCADA, and automation, his session provided valuable insights to our students.

The event was coordinated by Prof. Subhashini S, Alumni Coordinator, of EEE.

Alumni Guest Lecture -3

Department of Computer Science & Engineering organized a guest on 28 November 2025.

Mr. Ashok Pillai, Principal Analyst at Multi Fonds, Bengaluru a proud alumnus of the 2014 batch, delivered an engaging session on "Building a Career in IT and FinTech," offering students practical guidance and motivation to navigate emerging career pathways in technology and finance.

Mr. Ashok Pillai Principal Analyst, Multi Fonds Bangalore along with organisers

Alumni Guest Lecture- 4

On 29th November, Mrs. Lidiya, HR Executive (Talent Acquisition) Vision India, Bengaluru an alumna of the 2017 batch, addressed the students on the topic "Survivability in the Corporate World." the session focused on essential professional skills, workplace expectations, and strategies for excelling in today's competitive corporate environment.

Mrs Lidiya, HR Executive Vision India, Bangalore along with participants

INDEPENDENCE DAY

The 79th Independence Day was celebrated with pride and patriotism at Dr. T. Thimmaiah Institute of Technology. The event was marked by the hoisting of the National Flag by our Principal, Dr. Syed Ariff, symbolizing our commitment to the values of freedom and unity. During the celebration students and staff were present. The celebration reflected the spirit of independence and the dedication of the Dr. TTIT community to contribute toward a brighter future for our nation.

Independence Day – 2025 celebration

KANNADA RAJYOTSAVA DAY

The vibrant celebration of Kannada Rajyotsava, also known as Karnataka Formation Day, was held on our campus with great enthusiasm and pride. The event, organized on November 1st 2025, marked the day in 1956. The program began with the hoisting of the Karnataka flag. The gathering paid tribute to the rich heritage, culture, and language of Karnataka.

The event expressed gratitude to all participants and organizers for making the celebration memorable.

Kannada Rajyotsava Day – 2025 celebration

SPORTS

• VTU North Zone Cricket selection team conducted by Acharya Institute of Technology, Bangalore, on 10 November 2025. Anith Suga Dev T from the Department of Computer Science (Final Year) and Satheesh K from the Department of Mining Engineering (Final Year) have been selected for the VTU North Zone Cricket Team.

• VTU North Zone Basketball team selection conducted by Global Academy of Technology, Bangalore, on 14th November 2025. Abhinaya, First Year student of Computer Science and Engineering, was selected for the VTU Basketball Women's Team.

Abhinaya

TRAINING AND PLACEMENTS

• QSpiders conducted an incampus internship drive for final-year students on 27-09-2025. The drive aimed to provide students with job opportunities in the software and IT sectors. 100 students participated enthusiastically and went through various rounds of assessment. After the selection process, 32 students were selected.

• Tap Academy conducted an incampus internship drive on 03-10-2025 for final-year students. One hundred students participated in this drive. The students went through various technical rounds and assessments. After the selection process, 10 students were selected.

• Vstand4U Solutions conducted an incampus internship drive on 04-10-2025 for the final-year circuit branch students. 80 students participated in the drive 6 students were selected.

• Pentagon Space conducted a virtual internship drive on 09-10-2025 for final-year students of CSE, CSE–AIML, ECE, and EEE branches. Over 80 students participated in the drive. After the various rounds of interview, 9 students were selected.

• TechFortune conducted an incampus drive for circuit branches on 10-10-2025 for final-year students of CSE, CSE–AIML, and ECE branches. Over 50 students participated in the drive, and the interview panel team conducted various technical rounds. After all the selection processes, 12 students were selected in the drive.

• Dhee Coding conducted an incampus internship t drive on 23-10-2025 for final-year students. Eighty students participated in this drive. The students went through various technical rounds and assessments. After the selection process, 8 students were selected.

Sl No	Name	Department	Company	Package
	PLACEMENT RECORD			
1	Lokesh VN	CSE	OAPPS NET	4.5 Lpa
2	Sachin S	CSE	OAPPS NET	4.5 Lpa
3	Anusha G	CSE	COGNIZANT	4
4	Jayashree	EEE	RGBS	3.6 Lpa
5	Uday MR	Mining	The Ramco Cements	5.9 Lpa
6	Sam daniel	Mining	The Ramco Cements	5.9 Lpa
7	Udaykumar G	Mining	KSMCL	2.4 Lpa
8	AK Naveen	Mining	KSMCL	2.4 Lpa
9	KiranKumar	Mining	KSMCL	2.4 Lpa
10	Inzamam S	Mining	Prime Mining Infrastructures	3 Lpa

PHOTO GALLERY

GRADUATION DAY 2021-2025 BATCH

Electronic & Communication Engineering

Computer Science Engineering

Mechanical Engineering

Civil Engineering Department

Electrical & Electronics Engineering

Mining Engineering Department

View of all 2025 batch passed out students

INTRA COLLEGE PROJECT EXPO 2025-26

Project Expo prize winners from ME

Project Expo prize winner from EEE

Project Expo prize winners from MI

Project Expo prize winners from ECE

Project Expo prize winners from CSE

Project Expo prize winners from CSE (AIML)