

VISION

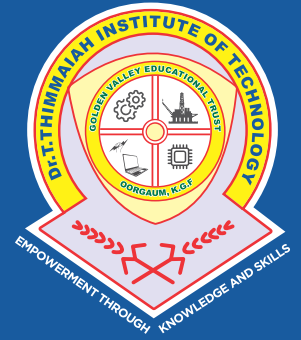
To produce technically competent engineers having innovative skills, positive attitude, leadership and professional ethics, with a focus on developing sustainable and new technology.

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.

NEWSLETTER Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

Jan - Jun 2026 | ISSUE - 26



Releasing of Birth Centenary Logo by our beloved President GVET, Dr. T. Venkat Vardhan during 40th College Day celebration



Mock CET Test in Progress



Fashion show winners - Gold Rush 2026



Golden Valley Educational Trust

Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

Oorgaum, Kolar Gold Fields - 563 120, Karnataka

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Department of Training and Placements - Placement Record

Sl No	Name	Department	Company	Package
36	Monisha R	CSE AIML	Jyesta	7 Lpa
37	BhavanaKA	CSE	HUDL	3.5 Lpa
38	MohiuddinAafaq	CSE	Dayforce	8 Lpa
39	Rohith S	Mech	A-Thon	3 Lpa
40	Vaishanavi V	ECE	Shindengen	3.5 Lpa
41	Priya C	ECE	Shindengen	3.5 Lpa
42	Vidyashree	ECE	Shindengen	3.5 Lpa
43	Anusha K	Mech	Vantive Health Care	4 Lpa `
44	Harsha S	EEE	Shindengen	3.5 Lpa
45	Shree Divya A	ECE	Shindengen	3.5 Lpa
46	Srishanth K M	EEE	Shindengen	3.5 Lpa
47	Ramya V	ECE	Shindengen	3.5 Lpa
48	Dharsha M S	ECE	Shindengen	3.5 Lpa
49	SnehaLatha S	ECE	Shindengen	3.5 Lpa
50	YUGENDRAN E	ECE	Shindengen	3.5 Lpa
51	Chandru M	ECE	Shindengen	3.5 Lpa
52	Udayaraj	EEE	Shindengen	3.5 Lpa
53	Pooja R	ECE	Shindengen	3.5 Lpa
54	Kavya M	ECE	Accenture	4.74 Lpa
55	Chandrakanth	Mech	SB Digital Automation	3.5 Lpa
56	Ajay Kumar	Mech	SB Digital Automation	3.5 Lpa
57	Pranesh	Mech	Yuken	2.5 Lpa
58	Shreeja G	CSE	LG Soft	4.2 Lpa
59	Shruthi PR	ECE	Dhash Defense Sys	4 Lpa
60	Srinivasan V	ECE	Dhash Defense Sys	4 Lpa
61	Shajo B Suresh	ECE	Dhash Defense Sys	4 Lpa
62	Chandhana C	CSE	Secure Eyes Techno Systems	3.5 Lpa



Department of Training and Placements - Placement Record				
Sl No	Name	Department	Company	Package
1	Abhishek Shringeri	Mining	The Ramco Cements Ltd	5.3 Lpa
2	Pravin KK	Mining	The Ramco Cements Ltd	5.3 Lpa
3	Nithish S	Mining	The Ramco Cements Ltd	5.3 Lpa
4	DarshanShrikanthKatwa	Mining	Thriveni Earth Movers	4 Lpa
5	D NAGARAJA	Mining	Thriveni Earth Movers	4 Lpa
6	Keerthanan R	Mining	Thriveni Earth Movers	4 Lpa
7	GANESH N	Mining	Thriveni Earth Movers	4 Lpa
8	Gowtham P	Mining	Thriveni Earth Movers	4 Lpa
9	B Dhanush	Mining	Thriveni Earth Movers	4 Lpa
10	T. Venkatkasibhavanishankar	Mining	Thriveni Earth Movers	4 Lpa
11	Rakshitha	Mining	Thriveni Earth Movers	4 Lpa
12	Reshma	Mining	Thriveni Earth Movers	4 Lpa
13	Sanjay Gowda	CSE AIML	ElythraEdufyi Tech Solutions	7 Lpa
14	DeasaSpoorthi	CSE AIML	ElythraEdufyi Tech Solutions	7 Lpa
15	Srushti RV	CSE AIML	ElythraEdufyi Tech Solutions	7 Lpa
16	Srushti RV	CSE AIML	Aptean	6.5 Lpa
17	Madhura D	ECE	Infosys	3 Lpa
18	Anuranjani	ECE	Unisys	4 Lpa
19	MehakRafiya	CSE	Unisys	4 Lpa
20	Harshitha G	CSE	Unisys	4 Lpa
21	Murali N	CSE	Unisys	4 Lpa
22	Pooja B	CSE	Oapps Net	4.10 Lpa
23	KalyanVenkatesh	CSE	Oapps Net	4.10 Lpa
24	MEHNAZ UL AIN	CSE	Oapps Net	4.10 Lpa
25	Mythri V	CSE	Oapps Net	4.10 Lpa
26	Chinmay A	CSE AIML	Oapps Net	4.10 Lpa
27	Niharika V	CSE	Oapps Net	4.10 Lpa
28	Umme Hani	CSE	Oapps Net	4.10 Lpa
29	Sonjun Murthy	CSE AIML	Mumble Technologies	4.5 Lpa
30	ShaikHazgar	ECE	Jyesta	7 Lpa
31	Vibha Shetty	EEE	Asiaan Metals and Aluminium Casting Pvt Ltd	3.5 Lpa
32	Harika	AIML	LG Soft Pvt Ltd	4.2 Lpa
33	Rohitha R	EEE	Jyesta	7 Lpa
34	Smitha R	ECE	Jyesta	7 Lpa
35	Eshwari A	EEE	Jyesta	7 Lpa



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 vision 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, 2016 he 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.

EEMA India awarded "LEGEND OF EVENTS" to Dr. T. Venkat Vardhan, a legend in the Event Industry at the EEMA South Factor on 16th October 2021.



TRAINING AND PLACEMENTS

- **TCS YEP:** TCS YEP (Youth Employability Program) CSR Training was conducted in two phases from 02/02/2026 to 17/02/2026 and from 02/03/2026 to 06/03/2026, covering a total of 18 training days. A total of 111 students from the 6th semester of the CSE, AIML, ECE, and EEE branches actively participated in the programme.
- **Quiklrn:** A total of 230 students from various branches were provided access to the QUIKLARN platform to enhance their employability and professional skills. Through the platform, students are trained in key areas such as aptitude, communication, logical reasoning, business skills, and overall professional competency development.
- **Shell CSR Program:** Shell conducted a one-day CSR training programme for 6th semester students from all branches. The programme was organized with the objective of enhancing students' employability skills and supporting their overall professional development.
- **Team Concept Learners (TCL):** TCL conducted a one-week training program for all 6th semester students across various branches. The programme was designed to enhance students' employability skills and prepare them for placement opportunities through focused training sessions. Students actively participated in the sessions and benefited from the interactive learning activities, practice exercises, and professional guidance provided during the programme.
- **First Aid Safety Training:** Apoorva Mines and Minerals Limited organized a five-day First Aid and Safety Training Programme for third-year Mining Engineering students from 23/03/2026 to 27/03/2026. A total of 40 students completed the training programme.

ONCAMPUS DRIVES

- **OAPPSNet** conducted an in-campus recruitment drive on 18/04/2026 for eligible students. A total of 12 students participated in the recruitment process. 07 students were selected for the internship programme.
- **Thriveni Earth Movers** conducted an in-campus recruitment drive on 23/03/2026 for Mining Engineering students. A total of 44 students from the Mining Engineering participated in the recruitment process. 09 students were selected and offered opportunities in the company.
- **Asian Metals and Aluminum Casting Pvt. Ltd.** conducted an in-campus recruitment drive on 11/05/2026. A total of 15 students participated in the recruitment process. 01 student was selected and offered an opportunity in the company.
- **Zeco** conducted an in-campus recruitment drive on 13/05/2026 for eligible students. A total of 15 students participated in the recruitment process. 03 students were selected for Internship positions and 04 students were selected for Apprenticeship opportunities.



MOCK CET – 2026

Dr. T. Thimmaiah Institute of Technology conducted the Mock CET Test for the 9th consecutive year on 12th April 2026. Around 557 aspirants from in and around Kolar District participated in the examination, which was designed to replicate the actual KCET experience and help students assess their level of preparedness with confidence.

Parents were also given an opportunity to interact with the Principal, making the program a meaningful and insightful experience for both students and their families. The event reflected the institution's continued commitment towards supporting aspiring students through quality guidance and academic initiatives.



Mock test registration



Mock test in progress

NATIONAL SOCIAL SERVICE ACTIVITIES

Swachh Bharath on 11/01/ 2026 around 12 final-year students from Mining Engineering actively participated in the Swachh Bharat Mission (Plastic Free Zone) initiative. The students carried out a cleanliness drive by removing plastic waste and polythene covers from areas near the main gate Entrance roadside, Electrical Labs, and Mining Labs. The activity created awareness among students about environmental protection and the importance of maintaining a clean and plastic-free campus.



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 2022-26 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 26th issue of the newsletter, covering January, 2026 to June, 2026, 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 26th issue of the Dr. TTIT newsletter, which covers from January, 2026 to June, 2026. 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.



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Principal

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Professor in Mining Engineering

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LIST OF TRUSTEES

- | | |
|--|-------------------------|
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| Sri. Raoul Kengal Vardhan | Vice President, Trustee |
| Sri. Rohahn Kengal Vardhan | Vice President,Trustee |
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| Sri. B. Manivannan | Trustee |
| Prof. Sujatha, Principal, KGF FGC | Trustee |
| Dr. Syed Ariff | Invitee |
| Sri. K.T.A. Majeed | Invitee |



Winners & Runners of Fashion show



Organizing Committee GOLD RUSH - 26



Students participating in D J show

FIRE SAFETY DEMONSTRATION

A Mock Fire Safety Demonstration was conducted at Dr. T. Thimmaiah Institute of Technology on 24-01-2026 for all teaching and non-teaching staff members.

The session was led by Mr. Venugopal D. along with his team, with a focus on creating awareness about fire hazards, emergency response measures, evacuation procedures, and the proper handling and use of fire safety equipment.

The live demonstration provided participants with valuable practical exposure and enhanced their preparedness to respond effectively during emergency situations. The programme proved to be highly informative and impactful, reinforcing the institution’s commitment towards campus safety, awareness, and emergency preparedness.



Mr. Venugopal D., Foreman, EEE, demonstrate focusing on safety awareness and preparedness. In college

GOLD RUSH 2026

Gold Rush 2026 commenced on a grand and vibrant note with the official unveiling of the event banner, marking the beginning of the festival. The unveiling ceremony was welcomed with enthusiastic cheers and applause from the gathered audience, reflecting the excitement and spirit of the occasion.



Pre Inauguration of Gold Rush 2026 by Principal, Dr. Syed Ariff



The cultural activities featured a wide range of exciting competitions and activities, including Rangoli, Mehendi, Face Painting, Fashion Show, and several other cultural and artistic events that witnessed enthusiastic participation from students.

Adding to the excitement and festive spirit, the celebration also featured a fabulous DJ show that energized the audience and created an atmosphere filled with joy, music, and entertainment.



Students participating in face painting and Mehendi competition



Dance performance by students



Singing Performance by Students

WORLD INSTITUTIONAL RANKING

Dr. T. Thimmaiah Institute of Technology has earned global recognition in the R. World Institutional Ranking 2026. Among 1,800 institutions ranked worldwide, the institute has achieved the following distinctions: **World Rank: #1058** and **Asia Rank: #904**

This significant milestone reflects the institution's unwavering commitment to academic excellence, continuous growth, innovation, and the delivery of quality education on a global platform.

R
World Institutional
RANKING

CENTENARY PROCLAMATION: HONORING A CENTURY OF VISION

Dr. T. Thimmaiah Institute of Technology officially inaugurated the Birth Centenary Celebrations of our beloved founder, Late Dr. T. Thimmaiah, Ph.D. (London), IAS (Retd.). The celebrations commenced during the institution's 40th College Day with the ceremonial release of the Centenary Logo, symbolizing 100 years of a remarkable legacy that has profoundly transformed the educational landscape of Kolar Gold Fields.

Dr. Thimmaiah life stands as a true embodiment of "Service before Self." From his invaluable contributions to the Indian Freedom Struggle and the White Revolution in Karnataka, to his relentless efforts in bringing world-class technical education to the doorstep of rural youth, his vision and dedication continue to inspire generations.



Releasing of Birth Centenary Logo by our beloved President GVET, Dr. T. Venkat Vardhan during 40th College Day celebration

TECHNO RUSH 2026

Techno Rush 2026 was successfully organized on 25th April 2026. The event witnessed enthusiastic participation from students of various institutions, providing a vibrant platform to showcase their technical expertise, innovation, and creative talents. The program featured a range of exciting technical and non-technical events that encouraged teamwork, problem-solving, and healthy competition among participants. Techno Rush 2026 created an engaging environment for young minds to interact, learn, and demonstrate their skills with confidence and enthusiasm.



Students showcasing their talent in innovation during Techno Rush



Winners of Debate on AI and critical thinking during Techno Rush



COLLEGE DAY

The 40th College Day of Dr. T. Thimmaiah Institute of Technology was celebrated on Sunday, 26th April 2026, marking a prestigious occasion dedicated to academic excellence, extracurricular achievements, and institutional pride.

The day commenced with singing competitions followed by the grand College Day celebrations. The event was presided over by Dr. T. Venkat Vardhan, in the presence of Mr. Ashwin Ajila as the distinguished guest. Their gracious presence added great significance to the program. The celebration honoured meritorious students from all years and departments, along with outstanding sports achievers, recognizing their dedication and accomplishments in academics, co-curricular, and extracurricular activities.

During the event, Dr. Venkat Vardhan motivated students to remain innovative, work diligently, and strive continuously for excellence in all their pursuits.

The ceremony began with the welcome address delivered by Dr. Syed Ariff; Annual report was presented by Dr. Jenitha. A and concluded with the vote of thanks proposed by Dr. H. D. Shenoy. Trustees, staff members, and principals of GVET institutions were also present and contributed to the success of the occasion.



Class Toppers of Mining Engineering with Dr. T. Venkat Vardhan, President GVET and Chief Guest Mr. Ashwin Ajila, Managing Director iNurture



Dr. Geetha Megharaj welcomes Mr. Raoul Kengal Vardhan, Vice President GVET



Dr. Manas Mukhopadhyay welcoming Chief Guest Mr. Ashwin Ajila, Managing Director iNurture

ALUMNI ACTIVITY - 3

Mr. Firoz Khan M, Mr. Vishal R, and Mr. Sharan M, Software Engineers at SB Digital Automation and proud alumni of the Batch of 2021–2025, conducted a hands-on session on “Web Development Hackathon – Code and Create” on 18th April 2026 for 4th and 6th semester students.



Hands-on Session on “Web Development Hackathon – Code and Create” by Alumni of Batch 2021–2025 from SB Digital Automation for 4th and 6th Semester Students

ALUMNI ACTIVITY - 4

The Department of Mechanical Engineering of Dr. T. Thimmaiah Institute of Technology hosted Mr. Akileshwar on 24/02/2026 for the students of 4th and 6th Semester.

An alumnus of the institution from the 2002–2006 batches, Mr. Akileshwar delivered an insightful session on modern, data-driven project controls and their growing significance in today's industrial environment.

The session proved to be highly informative and inspiring for the students, providing them with practical exposure to current industry trends and motivating them to prepare for the evolving demands of the corporate world.



Alumni visited the department of ME session by Akileshwar 2002-06 batch

ALUMNI

ACTIVITIES

ALUMNI ACTIVITY - 1

Mr. Srikanth Iyer, Senior Architect at Aptean and a proud alumnus of the Batch of 2005–2009, served as the guest speaker for a session on “Turning Campus Dreams into Corporate Realities” conducted for 6th semester students on 31st January 2026. The session provided practical guidance and motivation to help students navigate emerging career pathways in technology.



Mr. Srikanth Iyer, Senior Architect at Aptean and Alumnus (Batch 2005–2009) along with 6th Semester Students

ALUMNI ACTIVITY - 2

The Department of Electrical and Electronics Engineering (EEE), Dr. TTIT, organized an Alumni Guest Lecture on 11.04.2026. The session was delivered by Mr. Kruthik N L, System Engineer at Tata Consultancy Services, Bangalore, and an alumnus of the EEE Batch 2017–2021.



Guest Lecturer from Alumnus Mr. Kruthik N L, System Engineer, TCS Bangalore



IEEE STUDENT BRANCH ACTIVITY

- Dr. Mohamed Kareemulla N.R attended a one-day workshop on “Conference Organizers Education Workshop (COEW) – 2026,” organized by the IEEE Bangalore Section at Holiday Inn Bangalore on 2nd February 2026.
- Dr. Vijaya Geetha R attended the Conference Organizers Education Workshop (COEW) organized by the IEEE Mangalore Subsection on February 16, 18, 20, and 23, 2026. The workshop provided comprehensive guidance on effective conference planning, IEEE policies, publication standards, finance management, and best practices for organizing successful IEEE conferences.
- Dr. Vijaya Geetha R session speaker for one-day workshop on “How to Search for Prior Work (Journals, Patents, Research Projects, and Case Studies)” on 18.03.2026 for first-year students to enhance their understanding of interdisciplinary projects. A total of 58 students attended the session and benefited from the interactive learning experience.

INSTITUTE’S INNOVATION COUNCIL ACTIVITIES

National Start-up Day

A programme was organized on 16 January 2026 to celebrate National Start-Up Day for the students of the Department of Electronics & Communication Engineering (ECE), Dr. TTIT. The programme aimed to create awareness about entrepreneurship, innovation, and the start-up ecosystem among students. The session was delivered by Dr. Bhuvanendhiran T, Associate Professor, Department of ECE, and Dr. TTIT. Students from the Department of Electronics & Communication Engineering actively participated in the event and benefited from the informative and interactive session.



Awareness session on Innovation by Prof. Daphny Shallet & Prof. Princey.S

Poster Presentation

A Poster Presentation Competition was organized on 06 February 2026. A total of 50 students actively participated in the competition. The event encouraged students to enhance their presentation skills, technical awareness, and innovative thinking.



Poster Presentation Competition



Special Talk by Dr. Bhuvanendhiran T on National Startup day

Awareness session on Innovation

An awareness session on Innovation and Entrepreneurship was conducted for the First PUC and Second PUC students of Government Boys College, Robertsonpet on 28 January 2026. The session was handled by Prof. Daphny Shallet, Assistant Professor, Department of EEE, Dr. T. Thimmaiah Institute of Technology, and Prof. Princey S, as the resource persons for the programme. The session highlighted the significance of innovation and entrepreneurship in personal and professional growth and motivated students to explore new ideas and opportunities.

A technical session on “AI Applications in Wireless Power Transmission System” was organized on 09 February 2026. The programme aimed to provide students with insights into the emerging applications of Artificial Intelligence in wireless power transmission technologies. The session was delivered by Dr. Somashekar, who explained various AI-based approaches used in improving efficiency, monitoring, automation, and optimization in modern power transmission technologies. Students from the Electrical and Mechanical Engineering departments actively participated in the session.



Session on AI Roles, Skills and Industry Expectations by
Dr. Dr. Mohamed Kareemulla

The Virtual Quiz on “Basic Questions on AI Concepts & Applications” was organized by Dr. T. T. Thimmaiah Institute of Technology (IIT) and the Department of Mining Engineering, in association with Mining Emerald. The event was conducted on 04 February 2026. Students actively participated in the event with great enthusiasm and interest.



Virtual Quiz on “Basic questions on AI Concepts & Applications”

An Expert Talk on “Process of Innovation Development, TRL, and Commercialisation of Lab Technologies & Tech” was organized on 24 February 2026. The session was delivered by Mr. Akileshwar. He explained Project Controls as a structured management system that ensures projects are completed on time, within budget, and according to defined standards. Around 50 participants attended the programme.



Expert Talk on Process of Innovation Development, TRL;
Commercialization of Lab Technologies & tech by Mr. Akileshwar

The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning), in association with the Institution's Innovation Council (IIC), organized a Capacity Building Program for Women Faculty and Students on 09 February 2026. The session was delivered by Dr. R. Ezhilan, Associate Professor, Department of CSE (AI & ML), Dr. TTIT. He discussed the importance of AI skills, research opportunities, career pathways in Artificial Intelligence

and Machine Learning, and the role of women in innovation, entrepreneurship, and technological advancement. Around 40 faculty members and students participated in the programme.



Session on Capacity Building Program for Women Faculty
and Students by Dr. R. Ezhilan

An insightful workshop titled “AI & Innovation Sprints: Rapid Prototyping for Digital Transformation” was organized on 03 March 2026. The session was delivered by Dr. Vinoth, a Start-up Venture Builder and Technology Business Incubation Expert from KR Innovation Centre. The resource person shared valuable insights into start-up ecosystems, innovation methodologies, and the practical applications of AI in solving real-world challenges. Around 55 students actively participated in the event.

A workshop on “Effective Sales & Marketing Strategies” was organized on 13 March 2026 at the Digital Centre. The session was delivered by Dr. Sujatha Mohan, Assistant Professor, Department of Management & Commerce, Jain First Grade College, KGF. Students actively participated in the workshop and gained practical exposure to various aspects of sales and marketing.

A session on “World Creativity and Innovation Day” was conducted on 21 April 2026 by the Institution's Innovation Council (IIC). The session was delivered by Dr. Mohamed Kareemulla, Professor, Department of Computer Science & Engineering, Dr. T. Thimmaiah Institute of Technology, and KGF. Around 60 students from the Mechanical Engineering and Computer Science Engineering departments attended the session.

A Poster Presentation on “Innovations / Prototypes” was organized on Friday, 13 March 2026. Around 60 students from the Department of Computer Science & Engineering actively participated in the event and presented innovative concepts and creative prototypes. The prize winners were awarded cash prizes for their outstanding performance.



Session on World Creativity and Innovation Day by
Dr. Mohamed Kareemulla Professor

Overall Championship The Overall Boys Championship in Sports for the academic year 2025–26 was proudly won by the Department of Electronics and Communication Engineering of Dr. T. Thimmaiah Institute of Technology under the leadership of Dr. Jennitha.

The Overall Girls Championship for the year 2025–26 was secured by the Department of Computer Science and Engineering, showcasing outstanding talent, teamwork, and sporting excellence.

The winning students received the championship trophies during the College Day celebrations from Dr. T. Venkat Vardhan, Mr. Ashwin Ajila, and Dr. Syed Ariff.



College Overall Boys & Girls Championship

ANNUAL INTER-BRANCH EVENTS

The Athletics Championship was held on March 5th, 2026.

Individual Championship

Boys: Dhanush, 6th semester, Mining Engineering and
Saqeeb Khan, 4th semester, Computer Science & Engineering

Girls: Tejaswini 2nd Year Computer Science & Engineering

Football Tournament was held from March 29th to 30th, 2026.

Winner: Basic Science

Runners-up: Electronic and Communication Engineering

Volleyball Tournament was held from April 1st to 3rd, 2026

Winner: Basic Science

Runners-up: Mining Engineering

Basketball Tournament was held from April 4th to 5th, 2026.

Winner: Basic Science

Runners-up: Mining Engineering

Cricket Tournament was held from April 5th to 18th, 2026.

Winner: Mechanical Engineering

Runners-up: Electronic & Communication Engineering

Kabaddi Tournament was held from April 12th, 2026

Winner: Electronic & Communication Engineering

Runner: Mechanical Engineering

Throw Ball Tournament was held from April 15th, 2026

Winner: Artificial Intelligent and Machine Learning

Runner: Computer Science & Engineering



SPORTS

A C T I V I T I E S

Our Football Team has created history in the VTU North Zone Football Tournament with impressive victories against SVIT and SVCE on 18/04/2026, earning a well-deserved place in the Semi-Finals

The team's remarkable performance, determination, and teamwork have brought great pride to the institution. Congratulations to all the players, coaches, and supporters for this outstanding achievement.



VTU North Zone Inter-Collegiate Football Tournament winners

Our students are participating in the prestigious VTU State Athletic Meet. Dedication, discipline and hard work have earned a wonderful opportunity to represent the institution with pride and excellence.



Students are participated in the prestigious VTU State Athletic Meet

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT'S ACTIVITY

Workshop / Webinar/STTP Attended by Students

Revanth, Rohit, and Kaushikanth, 8th Semester presented a project titled "Gear Integrated Unmanned Ground Vehicle for Real-Time Surveillance" has been selected for funding under the Karnataka State Council for Science and Technology (KSCST) in March 2026.

Industrial visit

An Industrial Visit to BEM Limited was organized for the 4th Semester students on 23 May 2026. The visit provided students with an excellent opportunity to gain practical exposure to industrial operations and manufacturing processes.

FACULTY ACTIVITY

FDP/Workshop/Conference Attended

- Dr. Sampath and Dr. Mohan Kumar, attended a five-day Faculty Development Programme (FDP) on "Advanced Manufacturing and Materials Systems: Processing, Characterization and Testing" conducted from 5th to 9th January 2026. The programme was organized by the Department of Mechanical Engineering at Ramco Institute of Technology.
- Dr. Sampath, Assistant Professor, attended a five-day Faculty Development Programme (FDP) on "Next Gen EV Innovation: A Holistic Blend of Mechanical Design, Electrical Systems, and AI Intelligence" conducted from 19th to 23rd January 2026. The programme was organized by the Department of Mechanical & Electrical Engineering at BMS Institute of Technology and Management.
- Dr. Sampath, Assistant Professor, attended a six-day Faculty Development Programme (FDP) on "VLSI Full-Custom and Semi-Custom IC Design using EDA Tools" conducted from 9th to 14th February 2026. The programme was organized by the Department of Electronics & Communication, Dr.TTIT, KGF
- Dr. Sampath, Prof. Purnesh, Prof. Mahendran, and Prof. Saravana Prasad, Assistant Professors, attended a five-day Faculty Development Programme (FDP) on "From Automation to Creation: AI Trends Powered by Generative Models" conducted from 2nd to 6th February 2026. The programme was organized by

the Department of Computer Science and Engineering at Dr. T. Thimmaiah Institute of Technology.

- Prof. Mahendran J and Prof. Purnesh. N Assistant Professor, attended a six-day Faculty Development Programme (FDP) on "Machine Learning Applications in Mechanical Engineering: Trends & Insights" conducted from 4th to 9th May 2026. The programme was organized by the Department of Mechanical Engineering at Arjun College of Technology.
- Dr. Narasimha C, Associate Professor, participated in a two-week AICTE Quality Improvement Programme (QIP) conducted from 2nd March to 14th March 2026 and organized by Indian Institute of Technology Dharwad.
- Dr. Sampath, Assistant Professor, attended the two-day Conference on Drone Technology & Expo held from 17th to 18th April 2026 at Bangalore International Exhibition Centre, Bangalore.

Faculty Publication

Prof. Srinivas, Dr. H G Shenoy, has published a research paper titled Design of a wireless power transfer-based charging system for a 3-wheeler trolley bicycle in Scopus indexed istoria journal 92079-8784), volume 9 issue 2, Feb 2026

Patent

- Prof. Sagar S and Dr. H. G. Shenoy have published an Indian Design Patent titled "Adaptive Segmented Rope-Based Deep Well Pumping System with Continuous Flow and Effort Reduction System" in April 2026.
- Dr. Manjunatha Babu N. S. has published an Indian Design Patent titled "AI-Based Device for Blind Spot Monitoring in Autonomous Vehicles" in February 2026.
- Dr. Manjunatha Babu N. S. has published an Indian Design Patent titled "ML-Based Device for Object Detection in Autonomous Vehicles" in May 2026.
- Dr. Manjunatha Babu N. S. has published an Indian Design Patent titled "ML-Based Device for Real-Time Classroom Teaching Analysis" in May 2026.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT'S ACTIVITY

Students Achievement

Final Year EEE Students Turn Entrepreneurs

- Mr. Pranav Raghavan C M of 2022 to 2026 batch successfully launched Voyage film Maker, an innovative advertising and post-production start-up. By combining creativity with the power of Artificial Intelligence, the start-up is producing hyper-realistic commercials and impactful product launch videos that are transforming the media production process into one that is faster, smarter, and highly efficient. This achievement stands as a true example of how student innovation, entrepreneurship, and technology-driven creativity can reach global heights.
- Shravani A Gowda, Udayaraj K N, Pranav Raghavan, and Srishanth K M, students of 8th Semester were selected by the Karnataka State Council for Science and Technology (KSCST) for their project title "Wireless Electric Vehicle charging station". In recognition of their innovative efforts and technical excellence, the students were awarded a cash prize in April 2026.



Mr. Pranav Raghavan C M
Turn Entrepreneurs
(2022-26 Batch)

Connections in MATLAB Simulink. The conference paper was published by Institute of Electrical and Electronics Engineers (IEEE) with DOI: 10.1109/ACOT66109.2025.11437394. The paper was added to IEEE Xplore on 20 March 2026.

Paper Publications

- Dr. B. Somashekar published a paper titled "AI-Enabled Control Architectures for Dynamic Wireless Power Transfer Systems in Electric Vehicles: An Analytical Review" in the Journal of Electrical Engineering (ISSN No: 2095-9524), Volume 11, Issue 1, 2026, pp. 46–55 DOI: <https://doi.org/10.5281/zenodo.18164903> Link: <https://publisherjee.com/volume-11-issue-1-2026/>
- Dr. B. Somashekar published a paper titled "Design of a Wireless Power Transfer Based Charging System for a 3-Wheeler Trolley Bicycle" in the Istoriya Journal (ISSN No: 2079-8784), Volume 9, Issue 2, 2026, pp. 183–191. DOI: Website: <https://istoriya.ac>. Link: <https://istoriya.ac/volume-9-issue-2-2026/>
- Dr. B. Somashekar published a paper titled "Design and Development of Linear Drive Mechanism for an Electric Vehicle" in Swanirman Sunirmit Publications of Research - 8th ICRTEAS, April 2026, ISSN [Online]: 2583-2654, pp. 11–18, during the academic year 2026–27. Website link: www.swanirmanconsultancy.in.

Patent Published

- Dr. B. Somashekar published a patent titled "System and Method for Hybrid Development of Compensation Topologies in Wireless Power Transfer Systems" in The Patent Office Journal No. 07/2026, dated 13/02/2026, Part-3. The patent publication carries Application Number: 202641012178 A and appears on Page No. 19652. Website Link: <https://search.ipindia.gov.in/IPOJournal/Journal/Patent>. Publication link: <https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal>.
- Dr. B. Somashekar published a patent titled "A System and Method for Multiphase Wireless Power Transfer Using Special Transformer Connections" in The Patent Office Journal No. 07/2026, dated 13/02/2026, Part-3. The patent publication carries Application Number: 202641012176 A and appears on Page No. 1965. Website Link: Website Link: <https://search.ipindia.gov.in/IPOJournal/Journal/Patent>, publication link: <https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal>.

FACULTY ACTIVITY

FDP/Workshop/Webinar Attended by Faculty

- Dr B. Somashekar attended a Faculty Development Program (FDP) on "IoT System Design: Devices to Cloud" from 29-12-2025 to 03-01-2026. The 6-day programme was conducted in hybrid mode at East Point College of Engineering and Technology...
- Prof. Subhashini S attended a one-day online Faculty Development Program (FDP) on "AI-Driven Teaching, Assessment and Research Methodologies" on 11th February 2026.
- Prof. Ronald Lawrence J attended a Five-Day Faculty Development Program (FDP) on "Next-Gen EV Innovation: A Holistic Blend of Mechanical Design, Electrical Systems, and AI Intelligence," organized at BMS Institute of Technology & Management from 19th to 23rd January 2026..
- Prof. Jillian Rufus J attended a Five-Day Faculty Development Programme on "Next-Gen EV Innovation: A Holistic Blend of Mechanical Design, Electrical Systems, and AI Intelligence," conducted at BMS Institute of Technology & Management, Bangalore, from 19th to 23rd January 2026.
- Dr. B. Somashekar attended the IEEE International Conference on Simulation of Multi-Phase Wireless Power Transfer Using Special Transformer



- Prof. Princy S attended a one-day National Level Online Workshop on "How to Design a Research Questionnaire" on 24th January 2026 & attended 30hrs online AICTE Evaluated 2week patent course on 17th March 2026.

Paper presented/ published

- Dr, Manjunatha C HOD of Mathematics has published a paper on "An Integrated Statistical framework combining Linear Algebra & Graph theory for IOT data Analytics & AI driven Computational Modeling" in International of Scientific research & Engineering development ISSN: 2581-7175. <https://www.ijsred.com/volume9-issue2-part63.html>
- Prof. Princy S from the Department of Humanities and English has published a Book Chapter titled "The Role of English in Modern India: An Analytical Study" in the book Transforming Knowledge. Chapter 24, pp no 181 to 186- volume 1.
- Prof. Princy M HOD of Physics has published a paper on "Synthesis Growth & Physicochemical Characterization of Glycine –KBr Nonlinear Optical Single Crystal. <https://doi.org/10.5281/zenodo.19230088/volume-9-issue3> (2026).

Certificate Course

Prof. Sandya K G and Prof. Maria Florita L have completed the NPTEL course on "Basic Linear Algebra."

Science Day Celebration

The Science Club organized the National Science Day celebration on 14th March 2026 in association with the Institution of Engineers (India) Kolar Local Centre and the Institution's Innovation Council (IIC). Activities such as Rangoli Competition and Science Exhibition were conducted to promote scientific creativity and innovation among students.



Celebrated National Science Day celebration

WOMEN EMPOWERMENT CELL ACTIVITIES

INTERNATIONAL WOMEN'S DAY

The Women Empowerment Cell of Dr. T. Thimmaiah Institute of Technology celebrated International Women's Day at the Student Centre with great enthusiasm, embracing the theme "Give to Gain."

The event was graced by Mrs. Annapurna H.N. as the Chief Guest. She delivered an inspiring address highlighting the importance of self-confidence, leadership qualities, and the empowerment of women in society. Her motivational words encouraged students to pursue their goals with determination and confidence.

The program was organized under the leadership of Prof. Ruckmani Divakaran and Prof. M. Maneela as convenor. The celebration witnessed enthusiastic participation from faculty members and students, making the event both meaningful and inspiring.

The occasion served as a platform to recognize the achievements of women and to promote awareness about equality, empowerment, and leadership in all spheres of life.



Women's day celebration Chief Guest Mrs. Annapurna H.N., Principal of Jain International School, Bangarpet





FACULTY ACTIVITIES

FDP / Workshop organized

Department of Computer Science & Engineering, in association with the Institution's Innovation Council (IIC), organized a Five-Day Faculty Development Program (FDP) on "From Automation to Creation: Emerging AI Trends Powered by Generative Models" from 02 February 2026 to 06 February 2026. All faculty members participated.

FDP/Workshop/Webinar Attended

- Prof. Naveen Kumar V completed a Five-Day Faculty Development Program on "Quantum Computing" organized by the CSE Cluster, RV Institute of Technology and Management (RVITM) from 19 January 2026 to 23 January 2026.
- Prof. Naveen Kumar V further enhanced his expertise by participating in the Five-Day National Faculty Development Program on "Agentic AI: Design, Development & Real-World Applications" conducted at RNS Institute of Technology (RNSIT) from 09 March 2026 to 13 March 2026.
- Prof. Christy Paulin J participated in and completed the Five-Day Online Faculty Development Program on "Artificial Intelligence & Machine Learning Applications in Electronics and Communication engineering" organized by the Department of Electronics and Communication Engineering, Sri Venkateshwara Institute of Technology, in association with Pantech Solutions India Pvt. Ltd., from 06 April 2026 to 10 April 2026.
- Prof. Christy Paulin J actively participated in the 6-Day National Level Faculty Development Program (FDP) on "Generative & Agentic AI – Tools & Demo's" organized by the Department of Computer Science & Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT) from 16th to 21st Feb 2026.

Project Sponsorship Approval

Prof. Mukesh achieved a significant milestone with the approval of the project "ASPIRO AI – AI Powered College Mentorship and Career Guidance System" under the 49th Series of Student Project Programme (SPP): 2025–26, sponsored by the Karnataka State Council for Science and Technology (KSCST).

Patent

- Dr. R. Ezhilan, along with his research team, has been awarded a Certificate of Registration of Design by the Patent Office, Government of India for their innovative contribution in the field of healthcare technology. The registered design, titled "AI Based Device for Bacterial Detection on Tongue," demonstrates the effective application of Artificial Intelligence in medical diagnostics and healthcare innovation.
- Dr. R. Ezhilan, along with his research team, has been awarded a Certificate of Registration of Design by the Patent Office, Government of India for their innovative work on an "AI-Based Ear Cancer Detection Device". This recognition highlights the integration of Artificial Intelligence in healthcare and early disease detection.

Book Publication

Dr. R. Ezhilan published the book titled "Generative AI: Algorithms and Applications" (Vol. 3) through Bluepen International Publisher in 2026 (ISBN: 978-93-6940-937-2).

Editorial Board Recognition

Dr. R. Ezhilan has been awarded a Certificate of Editorial Board Member by the IJSET Journal in recognition of his valuable service and academic contribution.

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

STUDENT'S ACTIVITY

Webinar / quiz attended

Tharun R (USN: 1GV25CS126) and Yashashwini M (USN: 1GV25CS138) from CSE-C, 2nd Semester, participated in the Techno Enigma Quiz Competition held at CBIT Kolar and secured 3rd place along with a cash prize.

Online Certificate Course

Pooja C from CSE-B, 2nd Semester (USN: 1GV25CS087), has successfully completed a 3-month course in Cyber security.

FACULTY ACTIVITY

FDP / Workshop / Webinar Attended by Faculty

- Department of Mathematics has conducted 5-day FDP on "Advanced Mathematical Framework for Nonlinear Dynamics Modelling & Geometric Analysis in the Era of Artificial Intelligence." On 16th Feb to 20th Feb 2026. All the Mathematics faculty members participated.
- Prof. Subhashini Gladious has attended one day National level online workshop on "How to Design a Research Questionnaires" on 24th Jan 2026.



- Dr. B. Somashekar published a patent titled "A Static Three-Phase to Eleven-Phase Power Transformation System Integrated with Multiphase Wireless Power Transfer and Intelligent Control" in The Patent Office Journal No. 17/2026, dated 24/04/2026, Part-3. The patent publication carries Application Number: 202641045162 A and appears on Page No. 46594. Website Link: <https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal>
- Dr. B. Somashekar published a patent titled "A Low-Frequency Inductive Wireless Power Transfer System for Contactless Charging of Light Electric Vehicles" in The Patent Office Journal No. 17/2026, dated 24/04/2026, Part-3. The patent publication carries Application Number: 202641045163 and appears on Page No. 46595. Website Link: <https://search.ipindia.gov.in/IPOJournal/Journal/Patent>, Link: <https://search.ipindia.gov.in/IPOJournal/Journal/ViewJournal>.
- Dr. B. Somashekar published a patent titled "Adaptive Multi-Zone Wireless Power Transfer System with Intelligent Load Detection and Dynamic Power Optimization for Electric Vehicle Charging" in The Patent Office Journal No. 18/2026, dated 01/05/2026, Part-3. The patent publication carries Application Number: 202641048821 A and appears on Page No. 4990. Website Link: <https://search.ipindia.gov.in/IPOJournal/Journal/Patent>.
- Dr. Sridevi A published a patent titled "Adaptive Multi-Zone Wireless Power Transfer System with Intelligent Load Detection & Dynamic Power Optimization for Electric Vehicle Charging."

Online Certificate Courses

- Prof. Subhashini S completed the NPTEL online certification course on "Introduction to Machine Learning" in April 2026.

- Prof. Jillian Rufus J completed the online certification course on "Research and Publication Ethics" under Visvesvaraya Technological University (VTU).

Faculty achievement

- Dr. B. Somashekar served as a Resource Person at the IEEE International Conference on Hybrid Approach for the Development of Compensation Topologies in Wireless Power Transfer Systems. The conference paper was published by Institute of Electrical and Electronics Engineers (IEEE) with DOI: 10.1109/ACIT66109.2025.11437262. The paper was added to IEEE Xplore on 20 March 2026.
- Dr. B. Somashekar delivered a technical talk on "Artificial Intelligence (AI) Applications in Wireless Power Transfer (WPT) Systems," organized by the Institution's Innovation Council (IIC) of Dr. T. Thimmaiah Institute of Technology, KGF, on 03-02-2026.
- Dr. B. Somashekar delivered a guest lecture on "Artificial Intelligence (AI) Applications in Wireless Power Transfer (WPT) Systems," organized by Rajarajeswari Institute of Technology (RRIT), Bangalore, on 17-03-2026.

Doctoral Degree:

Dr. Sridevi A, Assistant Professor, successfully completed her Doctoral Degree on "Micro grid Stability Using Multilevel Inverter Topologies." under the guidance of Dr. Ramesh H R, Department of Electrical and Electronics, UVCE Bangalore University.



Dr. Sridevi A
Assistant Professor, EEE



DEPARTMENT OF MINING ENGINEERING

STUDENT'S ACTIVITY

Students Achievements

Mr. Tharun T., a student of the 6th Semester, participated in SURANG'26, a National-Level Technical Symposium organized by the Department of Mining Engineering, Anna University, Chennai, on 04.04.2026. He competed under the theme "Connection & Debugging" and secured the Second Prize, demonstrating his technical competence and problem-solving skills. Additionally, Mr. Manoj Pandi P., Mr. Usman Sheikh, Mr. Akash, Mr. Tekesha B. A., and Mr. Samuel Tenny S., all students of the 6th Semester, participated in the symposium under the theme "Papyrus" and secured the Third Prize.

Industrial Visits

An industrial visit for the 6th semester students was organized by M/s. Pooja Blue Metal, Shoolagiri, on 08.05.2026 under the coordination of Dr. Raja. The visit provided students with practical exposure to the operations and processes involved in blue metal production, including stone crushing, aggregate processing, quality control and material handling techniques.



Industrial visit to M/S Pooja Blue metal

Inauguration of MEAI Student Chapter

The Mining Engineers Association of India (MEAI) Student Chapter at Dr. TTIT was formally inaugurated on 30.01.2026. The establishment of the Student Chapter marks a significant step toward fostering professional development, technical excellence, and industry interaction among mining engineering students. The chapter aims to provide a platform for students to engage in technical discussions, seminars, workshops, industrial visits, and networking opportunities with mining industry.



MEAI student chapter

FACULTY ACTIVITIES

FDP conducted

The Department successfully organized a Six-Day Faculty Development Programme (FDP) on "Exploration of Mineral/Ore in Opencast and Underground Mining – An Overview" in hybrid mode from 16th February to 21st February 2026. All faculty members participated

Paper Publications by faculties:

- Dr. Vijayaraghan, Associate Professor, has published a research paper titled "Experimental Investigation into Dust Suppression Mediators using Chemical Absorbent" in the International Journal of Civil and Environmental Engineering (IJCEE), Volume 14, Issue 1, January 2026 (ISSN: 2096-6717).
- Dr. Raja S. and Dr. Manjunath A. have published a research paper titled "Prediction of Ground Vibration Considering Elevation using Mathematical and ANN Models" in the Journal of Mines, Metals & Fuels, Volume 74, Issue 3, 2026, page 287.
- Dr. Raja S. and Mr. Manjunath A. have published a research paper titled "Development of a Machine Learning Model to Estimate Refrigeration in an Underground Mine" in the Journal of Mines, Metals & Fuels, Volume 74, Issue 5, 2026, on page 399.

Certificate Courses Completed by Faculty

Dr. Manjunath A., Associate Professor, attended a Five-Day Short-Term Training Program (STTP) on "Occupational Health, Safety and Ergonomics" conducted at Indian Institute of Technology (ISM) Dhanbad from 21.02.2026 to 26.02.2026.

Online Certificate Courses

Prof. M. Maneela completed the NPTEL online certification course on "Foundations of Deep Learning: Concepts and Applications" in April 2026.

FACULTIES ACHIEVEMENT

Patents Publications:

- Dr. Raja S. has published a patent titled "Intelligent Automated System for Controlled Explosive Loading in Surface Mining Using Real-Time Drill Penetration Analysis", which was officially published on 18.04.2026.
- Dr. Raja S. has published a patent titled "Energy Recovery System for Electricity Generation from Mine Exhaust Airflow Using Vertical Axis Wind Turbine", which was officially published on 15.03.2026.



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

STUDENT'S ACTIVITY

Workshop/ Webinar Attended

Ms. Savitha K and Ms. Yashaswini H. S, 4th Semester students received an appreciation certificate from Vijesha IT Services LLP for actively participating in the webinar on "AI/ML with Python."

Paper Presentation

Sadiya Tamanna, Sai Deeksha, and Parnika of 6th semester presented their project titled "Block chain Based Secure Framework for Organ Donation" at DATA STORM 2K26 Project Expo, organized by the Department of CSE (Data Science), Kuppam Engineering College (Autonomous) on 19 February 2026, under the guidance of Dr. Leelavathi S.R.

Online Certification Course Completed

- Ms. Likitha D and Mr. Swaroop, 8th Semester students have completed the IBM Skills Build Certificate Course in Data Analytic the Advanced IT Skills Program. Ms. Likitha D secured Grade A+, while Mr. Swaroop secured Grade B in the certification course
- Ms. Michelle Maria Sebastian and Ms. Pooja Shree P, 4th Semester students completed the HP LIFE Online Course in "Data Science & Analytics" on 15 May 2026
- Ms. Poojitha C, a 4th Semester student completed the Great Learning Online Course in "Data Structures in C" on 23 October 2025.
- Ms. Richetha Richard S, a 4th Semester student completed the Great Learning Online Course in Data Visualization with Power BI on 26 October 2025

Student Achievement

Students visited AI DevCon 2026 on 12–13 March 2026, where they gained valuable exposure to emerging trends, innovations, and advancements in the field of Artificial Intelligence.

Ms. Ashwathi M, a 6th Semester student participated in the Smart Lift & Mobility World Expo and Index plus Experience held at the Bangalore International Exhibition Centre on 7 February 2026.



6th Semester Students' Educational Visit to AI DevCon 2026



Ashwathi M, participating in the Smart Lift & Mobility World Expo at (BIEC), Bangalore

- Students showcased their musical talent by participating in the Group Singing Event under the Western genre at AIT Acharya Habba (VTU Fest) held on 9 April 2026.
- Ms. Sylvia, a 4th Semester student showcased her creativity and keen eye for detail by participating in the Spot Photography Event at VTU Fest.
- Mr. Dushyanth B M, 4th Semester, for achieving 1st Place at the prestigious Karnataka State Open Rifle Bench rest Shooting Championship 2026.



Mr. Dushyanth B M was awarded 1st Place in the Karnataka State Open Rifle Bench rest Shooting Championship



- Dr. Jenitha A completed 4-weeks online certification course on "Towards an Ethical digital society: from Theory to Practice" from February to March 2026, offered by SWAYAM NPTEL.
- Dr. Jenitha A completed 8-weeks online certification course on "The Science of Happiness and Wellbeing" from February to April 2026, offered by SWAYAM NPTEL.
- Dr. Jenitha A and Dr. Bhuvanendhiran T completed 4-weeks online certification course on "Patent Drafting for Beginners" from January to February 2026, offered by SWAYAM NPTEL.
- Dr. Bhuvanendhiran T completed 12-weeks online certification course on "Foundations of Deep Learning: Concepts and Applications" from January-April 2026 offered by SWAYAM NPTEL.
- Dr. Bhuvanendhiran T completed 12-weeks online certification course on "Mathematical Foundations of Machine Learning" from January-April 2026 offered by SWAYAM NPTEL.

Faculty Achievements

- Dr. Jenitha A received the "NPTEL Stars – NPTEL Enthusiasts and NPTEL Believers" recognition for the NPTEL January 2026 session, in appreciation of outstanding participation and achievement in NPTEL courses.
- Dr. Bhuvanendhiran T received the "NPTEL Stars – NPTEL Disciplinary Star" recognition for the NPTEL January 2026 session, in appreciation of outstanding participation and achievement in NPTEL courses.
- Dr. Jenitha A presented a session on "Applications of DSPs on FPGA" on 09-02-2026 during the FDP on "VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools" at Dr. TTIT.



Applications of DSPs on FPGA

Prof. Rajesh Kumar Kaushal presented a session on "Overview of VLSI Design Flow, CMOS Logic Design Basics" on 10-02-2026 during the FDP on "VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools" at Dr. TTIT.



Overview of VLSI Design Flow, CMOS Logic Design Basics

- Prof. Jesudas J presented a session on "Introduction to Cadence EDA Tool Suite" on 11-02-2026 during the FDP on "VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools" at Dr. TTIT.
- Prof. Jeevika Mary A presented a session on "Evolution of AI in VLSI" on 10-02-2026 during the FDP on "VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools" at Dr. TTIT.



Evolution of AI in VLSI

- Prof. Manjunath E presented a session on "Introduction to Full Custom IC Design Flow, Schematic Design using Virtuoso" on 11-02-2026 during the FDP on "VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools" at Dr. TTIT.

Industrial Visit

The Faculty Industrial Visit to the Centre for PG Studies, Muddenahalli, and Chikkaballapur was organized on 14-02-2026 for faculty members as part of the Faculty Development Programme (FDP). The visit provided valuable insights into advanced academic and research activities, innovative teaching methodologies, and industry-oriented learning practices. It also enabled faculty members to bridge the gap between theoretical knowledge and practical exposure, thereby enhancing their pedagogical skills and technical competencies.



Industrial Visit to the Centre for PG Studies, Muddenahalli, Chikkaballapur



- Dr. Raja S. has achieved a significant milestone by publishing a patent titled "Energy Recovery System for Electricity Generation from Mine Exhaust Airflow Using Vertical Axis Wind Turbine" on 15.03.2026.
- Dr. Vijayaraghavan P., Dr. Paul Prasanna Kumar, Prof. P. Vikram, and Dr. Ramesh K. have published a patent "ML based device for fire detection in mines application" on 10.04.2026.

- Prof. M. Maneela has published a patent titled "IoT-Based Smart Campus Renewable Energy Utilization and Power Saving Using Machine Learning", which was published on 13 March 2026.
- Dr. Manas Mukhopadhyay delivered an expert session on "How to Plan a Start-up and Legal & Ethical Issues" at the institute level on 29.05.2026.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT'S ACTIVITY

WORKSHOP ATTENDEND BY STUDENTS

- Yugandar S B and K. Shwetha of the 6th Semester participated in a three-day workshop on "Robotics" conducted by the Bharat Space Education Research Center from 20th to 22nd February 2026. The workshop was organized under the STEM initiative in support of the vision of Viksit Bharat and provided exposure to robotics and emerging technologies.
- Chaithra S of the 6th Semester completed a 30-day Master Class in "Full Stack Development" conducted by NoviTech R&D Pvt. Ltd. from 28th January to 28th February 2026.



Students Achievements

- Abinaya Krishna Kumar of the 8th Semester secured All India Rank 63034, and Shashank K R secured All India Rank 36035 in GATE 2026.
- The students of the Sixth Semester actively participated in DATASTROM 2026 hosted by Kuppam Engineering College on 19th February 2026. A total of 28 students participated in various technical and non-technical events, including Project Expo, Paper Presentation, Web Designing with AI, Logo Identification, Treasure Hunt, and Photography. The students brought laurels to the institution through their commendable achievements. Akshay Kumar K Nand Tirumala D secured the 1st Prize in Project Expo, Prithisha R secured the 1st Prize in Photography, Rich Antony T secured the 1st Prize in Logo Identification, while Prithvi Raj Singh M and Veena S secured the 2nd Prize in Logo Identification. Other participants included Amrutha V R, Dharani B, Deeithika K N, Febin Aloysius V, G. Charulathika, Mirza Munaer Baig, Mohammed Tousif Raza, Noel Joseph J, Pavithra M, Poojitha R, Pragathi P, Rakshitha M R, Sandhya R, Sandhya V, Spoorthi K R, Syed Madanin Shone Thaib, Thanushree C, Yashas Singh, Yashwini B L, Yugandar S B, Nehashree G, Hithavaishnavi S, and Richard Ruban R, who participated in various events.



VI Semester CSE Students Participated and Secured Prizes in DATASTROM 2026 at Kuppam Engineering College

The students of the VI and VIII Semesters actively participated in the 25th VTU State-Level Youth Festival "Acharya VTU Habba 2026" held at Acharya Institute of Technology from 8th to 11th April 2026. Sonu N, Shruthi S Kakhandaki, Akshay Kumar K N, D. Kanishka, Chaithra S, N. M. Bhavani, Samuel Joshua D, Rajeshwari, Oviya Kumaresan, Nickelson Gamaliel, Mythri V, Kalyan Venkatesh, Hasine G, and Gowri V. Kalgurki participated in various events. The festival provided an excellent platform for students to showcase their talents, creativity, and cultural skills at the state level.



Students Participated in the 25th VTU State-Level Youth Festival

Akshay Kumar K N of the 6th Semester participated in the Technical Project/Product Competition under the theme "Digital Innovation" and secured the First Prize along with a cash award of ₹12,500 for the project titled "Bhoomi Shakti XI – A Solar-Assisted Battery-Powered Agricultural Ploughing Machine" at the 10th National Techno-Exhibition 2026, organized by Dr. Ambedkar Institute of Technology on 13th April 2026.

Online Certifications

A total of 16 students from the 4th semester have completed the "Introduction to Microcontrollers and coding", "IoT & Electronics" courses as a Skill Development program under Infosys Springboard.

Industrial Visit

The 4th Semester students visited Indian Institute of Science on 7th March 2026 during the Open Day event. A total of 105 students participated in the visit and had the opportunity to explore various research laboratories, innovative projects, and advanced technology demonstrations. The visit provided the students with valuable exposure to cutting-edge research and emerging technologies, thereby enhancing their technical knowledge and inspiring them towards innovation, research, and higher studies.



Visit to Indian Institute of Science (IISc) Open Day 2026 by 4th Semester CSE Students

FDP/ Workshop Conducted

The five-day Faculty Development Programme (FDP) titled "From Automation to Creation: Emerging AI Trends Powered by Generative Models" was organized from 2nd to 6th February 2026. The programme featured expert sessions delivered by Mrs. Megha BS, Co-Founder, and Mr. Vijay BR, Co-Founder & CEO of Mevi Technologies. The FDP provided participants with valuable insights into recent advancements in Generative AI and emerging technologies, thereby enhancing their understanding of current industry trends and innovations.



Inauguration of Faculty Development Programme Session by Mrs. Megha BS and Mr. Vijay BR

The Department of Computer Science & Engineering, in association with the Institution's Innovation Council (IIC), organized a workshop on "Effective Sales & Marketing Strategies" for fourth-semester students. The session was conducted by Dr. Sujatha Mohan, who shared valuable insights into key marketing concepts and practical business strategies. The workshop witnessed enthusiastic participation from all fourth-semester students.



Dr. Sujatha Mohan Addressing Fourth Semester students

Teaching, Assessment and Research Methodologies" on 11-02-2026 organized by Department of Information Technology, Jeppiaar Institute of Technology, Sriperumbudur in association with Pencilbitz.

- Prof. Manjunath E and Prof. Jeevika Mary A attended one-day online FDP on "Indian knowledge Systems in Higher Education: Curriculum Innovation, Research excellence and Sustainability" on 12-03-2026 organized by centre for Multidisciplinary research, Mazharul Uloom College, Ambur TamilNadu.
- Dr. Vijaya Geetha R, Prof. Manjunath E and Prof. Jeevika Mary A attended one-day online FDP on "AI Driven Research, Publication & Patent Success in Higher Education" on 28-02-2026 organized by Department of CSE, Mazharul Uloom College, Ambur TamilNadu.
- Prof. Manjunath E and Prof. Jeevika Mary A attended one-day online FDP on "Embedding Intellectual Property Rights in Curriculum Research: emerging trends and strategies" on 30-03-2026 organized by centre for Multidisciplinary research, Mazharul Uloom College, Ambur TamilNadu.
- Prof. Manjunath E and Prof. Jeevika Mary A attended one-day online FDP on "Next-Generation RF-Devices through Additive Manufacturing and Reconfigurable Technologies" from 10-04-2026 to 15-04-2026 organized by Department of ECE, NIT Tiruchirappalli.
- Prof. Manjunath E attended one-day online FDP on "Teaching 2.0: Enhancing Teaching and Research Excellence through Outcome-Based Education (OBE) and Academic Quality audit" on 17-04-2026 organized by Department of CSE, Mazharul Uloom College, Ambur TamilNadu.
- Prof. Manjunath E attended two-day online FDP on "Charging Infrastructure Management in Electric Vehicle's" from 15-05-2026 to 16-05-2026 organized by SkySkill
- Prof. Manjunath E attended online webinar on "From Layout to Signoff: Full-Custom IC Flow with Tanner and Calibre" on 17-02-2026 organized by CoreEL Technologies India Pvt Ltd and Mentor (Siemens EDA).
- Prof. Manjunath E attended online webinar on "Real-Time Signal Debug Using Vivado Integrated Logic Analyzer (ILA)" on 19-02-2026 organized by CoreEL Technologies (I) Pvt Ltd. and AMD-Xilinx.
- All faculty member of the department attended one-day seminar on "Transforming Ideas into Innovation" on 18-03-2026 organized by Dept of ECE, Dr. TTIT and the resource person was Mr. Suriya Raj, Founder & CEO, Thought Pvt Ltd, KGF



Papers Presented/Publication by Faculty

Dr. Jenitha A, Prof. Tamil Vani R, Prof. Mohana C and Prof. Jeevika Mary A presented paper titled on "Development of Mobilenet V1 using FPFA" on 05-05-2026 in ICNEXT-2026 organized by C Byregowda Institute of Technology, Kolar.

Patent publication

- Prof. Ruckmani Divakaran, Prof. Ramya J, Prof. Rajesh Kumar Kaushal, Dr. Vijaya Geetha R, Prof. Manjunath E and Dr. Bhuvanendhiran T have successfully published a patent titled on "Self-powered IoT devices for smart agriculture using energy harvesting system" on 22-05-2026
- Dr. Jenitha A, Prof. Tamil Vani R, Prof. Mohana C, Prof. Shankavi K, Prof. Jesudas J, and Prof. Kanimozhi S have successfully published a patent titled on "Automated Awning System" on 22-05-2026.
- Dr. Vijaya Geetha R, Prof. Manjunath E, Prof. D Radhika, Prof. Nandini G N, Prof. Jeevika Mary A and Prof. Rajesh Kumar Kaushal has successfully published a patent titled on "Smart Stadium Crowd Control System Using Arduino" on 22-05-2026.
- Prof. Kanimozhi S, Prof. Jeevika Mary A, Dr. Jenitha A, Prof. Nandini G N, Prof. D Radhika and Prof. Tamil vani .R has successfully published a patent titled on "IoT based on Smart Helmet for Bike Riders Safety" on 22-05-2026.
- Dr. Bhuvanendhiran T, Prof. Shankavi K, Prof. Ruckmani Divakaran, Prof. Jesudas J, Prof. Mohana C and Prof. Ramya J have successfully published a patent titled on "Automatic Adaptive speed bump with over speed detection and emergency vehicle identification" on 22-05-2026.
- Dr. Bhuvanendhiran T, successfully published a patent titled on "Artificial Intelligence-Based IoT Smart Lock System with Behavior Pattern Intrusion Detection and Real-Time Remote Alert Mechanism" on 27-03-2026

Online Certificate Courses

- Dr. Jenitha A completed 4-weeks online certification course on "Effective Engineering Teaching in Practice" from January to February 2026, offered by SWAYAM NPTEL.
- Dr. Jenitha A completed 8-weeks online certification course on "Assessment of Student Performance" from February to April 2026, offered by SWAYAM NPTEL.
- Dr. Jenitha A completed 12-weeks online certification course on "Education for Sustainable Development" from January to April 2026, offered by SWAYAM NPTEL.



Technical Awareness & Career Acceleration

FDP / Workshop / Webinar Conducted for Faculty

Organized a Five-days FDP on “Integrated IoT and Microcontroller Design: From Programming to Real-Time Deployment” from 16-02-2026 to 20-02-2026 organized by the Department of ECE, Dr. TTIT.



Integrated IoT and Microcontroller Design: From Programming to Real-Time Deployment

Organized a Five-days FDP on “VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools” from 09-02-2026 to 14-02-2026 organized by the Department of ECE, Dr. TTIT in association with Entuple Technologies



VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools

Organized a one-day seminar on “Transforming Ideas into Innovation” on 18-03-2026 organized by Dept of ECE, Dr. TTIT and the resource person was Mr. Suriya Raj, Founder & CEO, Thought Pvt Ltd, KGF



Transforming Ideas into Innovation

FDP / Workshop / Webinar Attended by Faculty

- All Faculty members attended a Five-days FDP on “From Automation to Creation: Emerging AI Trends Powered by Generative Model” from 02-02-2026 to 06-02-2026 organized by the Department of CSE, Dr. TTIT and in association with Mevi Technologies LLP.
- All Faculty members attended a Five-days FDP on “Integrated IoT and Microcontroller Design: From Programming to Real-Time Deployment” from 16-02-2026 to 20-02-2026 organized by the Department of ECE, Dr. TTIT.
- All Faculty members attended a Five-days FDP on “VLSI Full-Custom and Semi-Custom IC Design Using EDA Tools” from 09-02-2026 to 14-02-2026 organized by the Department of ECE, Dr. TTIT in association with Entuple Technologies
- Dr. Jenitha A and Prof. Manjunath E attended Six-day online FDP on “Innovative Teaching with Machine Learning: Tools, Techniques and Trends” from 02-02-2026 to 07-02-2026 organized by Department of Information Technology, Jeppiaar Institute of Technology, Sriperumbudur.
- Prof. Manjunath E attended Six-day online FDP on “Generative & Agentic AI –Tools & Demo’s” from 16-02-2026 to 21-02-2026 organized by Department of CSE, Sardar Vallabhbhai National Institute of technology, Technically Co-sponsored by IEEE-Gujarat section & partnered with Panteh Solutions (India) Pvt, Ltd.
- Prof. Jeevika Mary A attended two-day online FDP on “Charging Infrastructure Management in Electric Vehicles” from 15-05-2026 to 16-05-2026 organized by SkyySkill Labs.
- Prof. Manjunath E and Prof. Jeevika Mary A attended one-day online FDP on “AI-Driven



Students Workshop

The Department also organized an online interaction session for final-year students on 7th April 2026, featuring Mr. TVN Reddy, CEO of Aptean. During the session, he addressed students on internship and placement opportunities while sharing valuable industry insights. The event provided students with a unique opportunity to interact directly with a leading industry expert and gain guidance on career development. All students actively participated and benefited from the session.

Club Activity

INFINOX Club Activities for the academic year 2025–26 was conducted on 27.05.2026 with enthusiastic participation from students and faculty members.



Student & faculty participated in the Club Activity- INFINOX

FACULTY ACTIVITIES

FDP'S attended

- Dr. G. Kharmega Sundararaj participated in the 5-day Faculty Development Programme on “Visualization-Driven Predictive Analysis with Modern Data Tools” organized by Madanapalle Institute of Technology and Science (MITS), Madanapalle, from 20th to 24th April 2026.

- Prof. Sophia S, Prof. Sangeetha V, Prof. Ashwini S, and Prof. Anandha Mithra A participated in the Faculty Development Programme on “Data Analytics using Power BI” conducted from 2nd to 6th February 2026, organized by Vishweshwar Education Society’s Western College of Commerce & Management, Poornima University, and Sarada Vilas College in collaboration with ExcelR Edtech Pvt. Ltd.
- Prof. Sophia Sand Prof. Ashwini S participated in the Faculty Development Programme on “Vibe Coding using Gen AI Tools” conducted from 16th to 23rd March 2026, organized by MVSR Engineering College, Dr. K N Modi University, Bharati Vidyapeeth College of Engineering, and Bharati Vidyapeeth (Deemed to be University) College of Engineering in collaboration with ExcelR Edtech Pvt. Ltd.
- Prof. Sophia S has participated in the Faculty Development Programme on “Cloud Computing with AWS” conducted from 16th to 20th March 2026, organized by Mevi Technologies LLP.
- Prof. Sangeetha V and Prof. Ashwini S participated in the Faculty Development Programme on “Cloud Computing” conducted from 19th to 23rd January 2026, organized by Geetanjali Institute of Technical Studies and Sri Siddhartha Institute of Technology in collaboration with ExcelR Edtech Pvt. Ltd.
- Prof. Sangeetha V, Prof. Ashwini S, and Prof. Anandha Mithra A participated in the Faculty Development Programme on “Quantum Computing” conducted from 16th to 20th February 2026, organized by City Engineering College and ICFAI Group Universities in collaboration with ExcelR Edtech Pvt. Ltd.
- Prof. Sangeetha V participated in a three-day workshop on “Research Methodology and Data Analysis – A Smart Learning” conducted from 5th to 7th February 2026, organized by the Star International Foundation for Research and Education. Subsequently, participation was extended to the seven-day online workshop on “Research Methodology and Publication Ethics” conducted from 5th to 11th March 2026, organized by the Star International Foundation for Research and Education.
- Prof. Preethi S completed a 90-hour Industrial Training Programme on Python conducted by ID Tech Solutions Pvt. Ltd. from 4th November 2025 to 31st January 2026. She also participated in the AI workshop on “Building a Resume Tool using Lang Chain and Deploying on AWS Bedrock” conducted by Innomatics Research Labs from 16th to 18th April 2026, and the FDP on “Empowering Faculty with Generative AI Tools for Smart Teaching and Industry 4.0 Readiness” organized by Er. Perumal Manimekalai Polytechnic College on 30th April 2026.



- Prof. Velantina V participated in the five-day Faculty Development Programme on “Advanced Deep Learning Architectures in Computer Vision: CNNs and Vision Transformers” organized by the Global Society for Technical Education, conducted from 23rd to 27th March 2026.
- Prof. Swetha N participated in the five-day Faculty Development Programme on “Agentic AI: Foundations to Advanced Intelligent Systems” organized by CMR Institute of Technology, conducted from 5th to 9th January 2026.
- Prof. Ashwini S participated in the Faculty Development Programme on “Generative AI Tools for Teaching” conducted on 21st March 2026 and the Faculty Development Programme on “AI Tools for Effective Research and Publications” conducted on 9th April 2026, both organized by Annai Mathammal Sheela Engineering College in collaboration with Pencil bitz, and also participated in the Faculty Development Programme on “Challenges in Artificial Intelligence and Emerging Technologies” conducted on 10th April 2026, organized by Rathinam College of Arts and Science.
- Prof. Anandha Mithra A participated in the six-day Faculty Development Programme on “Innovative Teaching with Machine Learning: Tools, Techniques and Trends” conducted from 2nd to 7th February 2026, organized by Jeppiaar Institute of Technology. She further participated in the Faculty Development Programme on “Generative & Agentic AI Tools and Demos” conducted from 16th to 21st February 2026, organized by Sardar Vallabhbhai National Institute of Technology in partnership with Pantech Solutions, and the Faculty Development Programme on “Gen AI & ChatGPT Applications” conducted from 2nd to 6th March 2026, organized by Vardhaman College of Engineering in collaboration with ExcelR Edtech Pvt. Ltd.

Paper Presentation

- Prof. Sharmilla Kumari presented and published a research paper titled “Deep Graph Neural Network-Based Botnet Detection on IoT Networks” in JETIR, Volume 13, Issue 2, February 2026. <https://www.jetir.org/papers/JETIR2602507.pdf>
- Prof. Shalini presented and published a research paper titled “Development of an innovative deep learning model for rice yield prediction in Karnataka using multi-modal data with feature fusion and adaptive residual network” in Technology on Science direct, Volume 14, August 2026, <https://doi.org/10.1016/j.atech.2026.102191>
- Prof. Swetha N published a research paper titled “Integration of Machine Learning and Optimization Algorithms for Intelligent & Adaptive Wireless Power Transfer Systems” in Volume 9, Issue 5, 2026 (ISSN: 2079-8784). <https://zenodo.org/records/20062681>

- Prof. Ashwini S presented and published a research paper titled “A Quantum-Inspired Optimization Architecture for Vehicular Edge Resource Allocation in 6G V2X Environments” at the 2nd International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF) organized by BMS Institute of Technology & Management on 13th and 14th March 2026. <https://ieeexplore.ieee.org/document/11481897>

Online Certifications courses

- Dr. G. Kharmega Sundararaj successfully completed the 12-week course titled “IoT Systems and Smart Solutions” offered by SkillDzire.
- Dr. Jansi Rani successfully completed the 12-week course titled “Innovation by Design.” In addition, the 8-week NPTEL courses titled “Patent Drafting for Beginners” and “Roadmap for Patent Creation,” offered in association with Skill India, was also successfully completed.
- Prof. Shalini successfully completed the 12-week NPTEL courses titled “Foundations of Deep Learning: Concepts and Applications” and “Neural Networks for Computer Vision and Natural Language Processing.”
- Prof. Sophia successfully completed the 8-week NPTEL course titled “Data Mining” and the UdeMy course “DevOps Projects – Real-Time DevOps and GitOps Projects.”

Patent

- Dr. Mohamed Karimulla, Velantina V, Divya Shree V, Sophia S, and Lekha S published a patent titled “Machine Learning-Based System and Method for Detecting Fraudulent Transactions in Unified Payments Interface (UPI)” with Application No. 202641032391 in The Patent Office Journal, No. 13/2026.
- Dr. G. Kharmega Sundararaj, Preethi S, Divya Shree V, Velantina V, and Anandha Mithra A published a patent titled “An IoT and Machine Learning-Based Smart Water Leakage Detection and Control System for Real-Time Pipeline Monitoring” with Application No. 202641032425 in The Patent Office Journal, No. 13/2026.
- Dr. G. Kharmega Sundararaj, published utility patent applications titled “Machine Learning-Based IoT System for Soil Moisture-Driven Smart Irrigation in Precision Agriculture” and “Machine Learning-Driven IoT Framework for Environmental Pollution Prediction Using Electric Vehicle Sensor Networks in Smart Cities” were also published.
- Dr. Jansi Rani published a patent titled “AI-Based Oncoming Traffic Detection and Dynamic Rear Safety Message Display System for Overtaking Assistance in Large Vehicles” with Application No. 202641024083 in The Patent Office Journal, No. 13/2026.



DATA – STORM

- Monisha K B, Nivendini S, Rikitha R, Rini Aishwarya A, Ligeetha Sri D and Teenu of 4th semester participated in the Tribal Dance event at the 25th VTU Youth Festival held at Acharya Institute of Technology from 08-04-2026 to 11-04-2026.
- Shruthika U of 8th semester participated in the Collage Making event at the 25th VTU Youth Festival held at Acharya Institute of Technology from 08-04-2026 to 11-04-2026.
- Yugendran E of 8th semester participated in the Quiz event at the 25th VTU Youth Festival held at Acharya Institute of Technology from 08-04-2026 to 11-04-2026.

EC-Golden Anwesha Students Forum

The Department organized Prize distribution for various Cultural and Technical events under EC-GOLDEN ANWESHA Students Forum on 18.05.2026 for the academic year 2025-26



Prize distribution

- Organized a combined celebration of Women’s Day and National Science Day under ECE Golden Anwesha on 13-03-2026 at Dr. TTIT. As part of the Women’s Day Celebration, a debate competition was conducted on the topic “Educating a woman means educating an entire generation.” Students actively participated and shared insightful perspectives on the importance of women’s education and empowerment.

- On the occasion of National Science Day, a poster presentation was organized with the theme “Artificial Intelligence and the Future of Humanity.” Students showcased innovative ideas and creative presentations highlighting the impact of Artificial Intelligence on society and future technological advancements.

Industrial Visit by Students

An Industrial Visit to “U R Rao Satellite Centre (URSC), Indian Space Research Organisation (ISRO)”, Bangalore was organized on 29-01-2026 for 6th semester students, accompanied by Prof. Ramya J, Prof. Nandini G N, Prof. Radhika D and Prof. Manjunath E, and Mr. Rajan. The visit provided insights into the development of satellites, satellite subsystems, communication technologies, and the role of URSC in designing and building satellites for various national and international space missions.



U R Rao Satellite Centre (URSC), Indian Space Research Organisation (ISRO)

FACULTY ACTIVITIES

FDP / Workshop / Webinar conducted for students

Organized a one-day Technical Awareness & Career Guidance Program for 6th semester students on “From Campus to Cloud: Starting Your Journey in Azure, AI & Cyber security” on 06-02-2026, by Ms. Soniya P, Senior Security Engineer & Microsoft Certified Trainer (MCT) at Dr.TTIT.



From Campus to Cloud: Starting Your Journey in Azure, AI & Cyber security

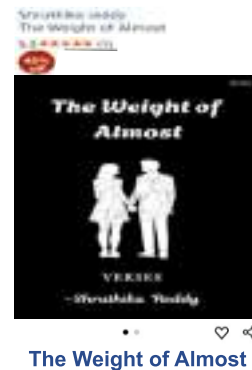
Organized a one-day Technical Awareness & Career Guidance Program for 6th semester students on “Technical Awareness & Career Acceleration” on 28-03-2026, by Adeeb ahmed, Dhanush Karthikeyan, Yazhini V and Vidyasree R, 8th semester students.



- Lekhana S of 4th semester completed 12-weeks online certification course on “Machine Learning and Deep Learning- Fundamentals and Applications.” from January to April 2026, offered by SWAYAM NPTEL.
- Esha M of 4th semester completed 4-weeks online certification course on “Analog and digital communications” from January to April 2026, offered by SWAYAM NPTEL
- Bindu Shree S G of 6th semester completed 4-weeks online certification course on “Real Time Operating System” from January to April 2026, offered by SWAYAM NPTEL
- Kavya R of 6th semester completed 4-weeks online certification course on “Medical Image Analysis, Power electronic converters” from January to April 2026, offered by SWAYAM NPTEL
- Mehak of 6th semester completed 4-weeks online certification course on “Medical Image Analysis, Advanced topics in Wireless Communication, Design of Power Electronics Convertors” from January to April 2026, offered by SWAYAM NPTEL
- Mohana Priya B of 6th semester completed 4-weeks online certification course on “Medical Image Analysis, Advanced topics in Wireless Communication, Design of Power Electronics Convertors” from January to April 2026, offered by SWAYAM NPTEL
- Nayana D R of 6th semester completed 4-weeks online certification course on “Medical Image Analysis” from February to March 2026, offered by SWAYAM NPTEL.
- Saranya I of 6th semester completed 4-weeks online certification course on “Medical Image Analysis” from February to March 2026, offered by SWAYAM NPTEL.
- Spoorthy B S of 6th semester completed 4-weeks online certification course on “Medical Image Analysis” from February to March 2026, offered by SWAYAM NPTEL.
- Thanushree N of 6th semester completed 4-weeks online certification course on “Medical Image Analysis” from February to March 2026, offered by SWAYAM NPTEL.
- Sowmya R of 6th semester completed 4-weeks online certification course on “Medical Image Analysis” from February to March 2026, offered by SWAYAM NPTEL.
- Nayana S V of 6th semester completed 4-weeks online certification course on “Intelligent Control of Robotic Systems” from February to March 2026, offered by SWAYAM NPTEL.
- Nisha M of 6th semester completed 4-weeks online certification course on “Intelligent Control of Robotic Systems” from February to March 2026, offered by SWAYAM NPTEL.

Student Achievements

Shruthika U of 8th semester published a book titled on “The Weight of Almost”. The book was published by Natals Publication on 16 May 2026 and carries ISBN-10: 9365817358 and ISBN-13: 978-9365817355.



The Weight of Almost

Nidha Ibrahim Patel of 6th semester has been awarded the Rank of CPL (Corporal) in the National Cadet Corps (NCC) in recognition of her discipline, leadership qualities, and active participation in NCC activities.



Rank of CPL

Anjali M, Priya C, Roshithashri S and Vidyasree R of 8th semester secured the Second Prize at “TECH VISION 2026” – National Level Project Expo held at CMR Institute of Technology on 13-02-2026, under the guidance of Prof. Nandini G N.



TECH VISION 2026

- Narendra of 6th semester participated in the Project Expo event at DATA – STORM 2K26 held at Kuppam Engineering College on 19-02-2026.
- Bharath B Y, Dharashan B, Varun K N, Shashank and B Harish Reddy of 6th semester participated in the Technical Quiz event at DATA – STORM 2K26 held at Kuppam Engineering College on 19-02-2026.
- Varun K N of 6th semester participated in the Free Fire event at DATA – STORM 2K26 held at Kuppam Engineering College on 19-02-2026.
- Chethan N, Sumanth S and Sudeep Kumar A of 6th semester participated in the Quiz event at DATA – STORM 2K26 held at Kuppam Engineering College on 19-02-2026.
- Mukesh Kumar of 6th semester participated in the Photography event at DATA – STORM 2K26 held at Kuppam Engineering College on 19-02-2026.



- Vinutha B.A, Swathi J.A, Shalini G, Sharmila Kumari N, and Ashwini Priyanka published a patent titled “Smart IoT-Based Real-Time Air Pollution Monitoring and Alert System” with Application No. 202641031828 in The Patent Office Journal, No. 13/2026.
- Punitha F, Ashwini Priyanka, Premalatha D, Ashwini S, and Mercy Flora Pritheba published a patent titled “A Personalized Artificial Intelligence-Based Multi-Tasking Desktop Assistant System and Method for Intelligent Human–Computer Interaction” with Application No. 202641031134 in The Patent Office Journal, No. 13/2026.
- Sharmila Kumari N, Swetha N, Dr. Jansi Rani J, Mrs. Nisha Bai M, and Anandha Mithra A published a patent titled “An IoT-Based Smart Horticulture Monitoring and Automated Crop Management System” with Application No. 202641031133 in The Patent Office Journal, No. 13/2026.
- Mercy Flora Pritheba A, Mrs. Lekha S, Vinutha B.A, Shalini G, and A. Sankareswari published a patent titled “System and Method for Autonomous Vehicle Navigation Using Machine Learning, Multi-Sensor Fusion, and Simulation-Based Training ”with Application No. 202641032392 in The Patent Office Journal, No. 13/2026.
- Sophia S, Parvathi T.R, Dr. Jansi Rani J, Punitha F and Ashwini S published a patent titled “Smart Fertilizer Recommendation System Using IoT-Based Soil Monitoring and Hybrid Machine Learning for Precision Agriculture” with Application No. 202641031721 in The Patent Office Journal, No. 13/2026.
- Preethi S, Mrs. Sangeetha V, Dr. Geetha C. Megharaj, Mrs. Swetha N, and A. Sankareswari published a patent titled “Intelligent Network Traffic Anomaly Detection System Using Hybrid Machine Learning for Real-Time Cyber Threat Identification” with Application No. 202641031710 in The Patent Office Journal, No. 13/2026.

- Prof. Parvathi T.R was granted a design patent titled “Rodent Feeding Behavior Monitor” by The Patent Office, Government of India, with Design No. 487026-001.

Book Publication

- Dr. G. Kharmega Sundararaj published a book titled “Next Generation Artificial Intelligence and Data Science” published by Vaagai International Publishing House with ISBN: 978-81-998757-2-2. In addition, a book chapter titled “Machine Learning Concepts for Healthcare Applications” was published by Vaagai International Publishing House with ISBN: 978-81-999435-9-9. Furthermore, a book chapter titled “Learning Outcome Optimization through Hybrid AI Models” was published by RAD Emics Publisher with ISBN: 978-93-49552-40-1.
- Prof. Ashwini S published a book titled “Cyber Security and Threat Analysis” published by Scientific International Publishing House with ISBN: 978-93-7196-593-4. In addition, an e-book titled “5G/6G Communication Standards and Approaches: Reference Book ”was published by Milestone Research Publications with ISBN: 978-93-3422-4115.

Faculty Achievements

- Prof. Ashwini S was awarded the Best Paper Award for the research paper titled “A Quantum-Inspired Optimization Architecture for Vehicular Edge Resource Allocation in 6G V2X Environments” at the 2nd International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF) organized by BMS Institute of Technology & Management on 13th and 14th March 2026.
- Prof. Shalini G has been recognized as an NPTEL Discipline Star for the January–April 2026 session



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

STUDENT'S ACTIVITY

Papers Publications

- B Sneha, Chandru M, Dhanush Karthikeyan S, and Thrisha A of 8th Semester published a paper on "Self-Powered IoT Devices for Smart Agriculture using Energy Harvesting" under the guidance of Prof. Ruckamani Divakaran in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Shajo B Suresh, Vaishnavi V, Yazhini V and Yugendran E of 8th Semester published a paper on "CMOS Buffer Amplifier With Optimised Slew-Rate, Power And Area" under the guidance of Dr. Jenitha A in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Deepika B, Rafana Susmiya, Ramya V, and Pooja R of 8th Semester published a paper on "Smart Color Sorting And Object Handling Robotic Arm" under the guidance of Dr. K.M. Palaniswamy and Ramya J in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Adeeb Ahmed S, N Tilak Kumar, Prejith P, and Thilak Kumar B of 8th Semester published a paper on "Arduino Based Smart Waste Segregation System Using Conductivity, Metal And Load Sensors" under the guidance of Dr. Vijaya Geetha R in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Chethan Kumar T M, Harsha P M, Manoj R, and Rahul Nagarale of 8th Semester published a paper on "Automatic Adaptive Speed Bump System With Over speed Detection And Emergency Vehicle Identification" under the guidance of Dr. T. Bhuvanendhiran in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Shree Divya A, Shruthi P, Sneha Latha S, and Srinivasan V of 8th Semester published a paper on "Design And Simulation Of High Performance Hybrid-Full Adder Using CVSL Logic For VLSI Circuits" under the guidance of Prof. Rajesh Kumar Kaushal in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Pruthvi Awati, Rakshitha S, Tushitha M, and Veena C of 8th Semester published a paper on "Night Patrolling IoT Robot For Women Security" under the guidance of Prof. Rajesh Kumar Kaushal in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Amreen Fathima, Ayman Sariya, Kavya M, and Kusuma H of 8th Semester published a paper on "Detection of Defects In Printed Circuit Boards Using RNN Algorithm" under the guidance of Prof. Tamil Vani R and Prof. Kanimozhi S in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Madhura D, Zainab Rida Fathima, Maha R, and A K Nikhitha of 8th Semester published a paper on "Enhanced Autism Diagnosis Using Hybrid Machine Learning Model" under the guidance of Prof. Mohana C in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Anjali M, Priya C, Roshithasri S, and Vidyasree R of 8th Semester published a paper on "Hardware Implementation Of An ARM-Based Module For Ectopic Beat Detection And Classification Using Deep Learning" under the guidance of Prof. Nandini G N in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Krithika Murali, Jaya Bharathi V, Dharsha M S, and S Anu Ranjani of 8th Semester published a paper on "Autonomous Border Surveillance System: Combining Computer Vision And Robotics For Real-Time Threat Detection" under the guidance of Prof. Jesudas S in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Shaik Hazgar, Shyam Sunder B, and Smitha R of 8th Semester published a paper on "Smart Manhole Detection Using Wireless Sensor Network And IoT" under the guidance of Ms. Jeevika Mary A in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Dhanush Sai S, Preethi V, Thiresh Babu G, and Shashi Kumar S N of 8th Semester published a paper on "Indoor Air Monitoring & Purifying System Using IoT" under the guidance of Prof. D. Radhika in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Bhoomikaa Raagini A, Prema Simhendira Gowda C G, Shree Nayana P, and Shruthika U of 8th Semester published a paper on "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 in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- S Mounesh, Swaroop Darshan S, Mohammed Kaif, and Narmada of 8th Semester published a paper on "Utilizing An Internet Of Things (IoT) Device, Intelligent Control Design, And Simulation For An Agricultural System" under the guidance of Prof. Manjunath E in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Desharani R, Disha M R, and Nidha Ibrahim Patel B of 6th Semester published a paper on "Automated Awning System" under the guidance of Dr. Jenitha A in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.



- Mohammed Uzair Shariff, Gowtham J, Mohammed Ali, and Mohammed Nadeem of 6th Semester published a paper on "Hybrid Attendance System: Speech Recognition and IoT Hardware" under the guidance of Dr. Jenitha A in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Kavya R, Mehak, and Mohana Priya B of 6th Semester published a paper on "Smart Stadium Crowd Control System Using Arduino" under the guidance of Dr. Vijaya Geetha R in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Bharath B Y, Kishwar Ahmed, Varun K N, and B Harish Reddy of 6th Semester published a paper on "Independent Optimization for Robot Path Planning and Dynamic Obstacle Avoidance" under the guidance of Dr. Vijaya Geetha R in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Dharshan B, Shashank G, Sudeep Kumar A, and Sumanth S of 6th Semester published a paper on "AI-Driven Evaluation System for Speech Competition" under the guidance of Dr. Bhuvanendhiran T in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Chethan N, Likhith Gowda, Narendra R, and Mukesh Kumar of 6th Semester published a paper on "Design and Implementation of Autonomous Fire Fighting Robot" under the guidance of Prof. Rajesh Kumar Kaushal in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Rufus Samuel V, Sadiya Begum, Udhayan A, and Vignitha C of 6th Semester published a paper on "IoT Based WSN Nodes for Water Pollution Detection" under the guidance of Prof. Mohana C in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Anushree A, Nayana D R, Nayana S V, and Nisha M of 6th Semester published a paper on "Cocoon Detection and Classification Using Machine Learning" under the guidance of Prof. Nandini G N in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Akshaya K, Chitra C, Deepthi R, and Kavana M of 6th Semester published a paper on "Analysis of Brain Tumor Using Image Processing" under the guidance of Prof. Jesudas in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Punith A, Rajesh V, Vinayak Manakur, and Yogesh V of 6th Semester published a paper on "IoT Based Electric Vehicle Battery with Protection Against

Fire" under the guidance of Prof. Jeevika Mary in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.

- Chaithra Shree A P, Rachel D L, Gayithri M, and Priyanka of A 6th Semester published a paper on "LIGHTAGRO: Lightweight Block chain IoT Based Fabrication for Smart Irrigation" under the guidance of Prof. Shankavi K in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Bindu Shree S G, Gayathri D, Shilpa M V, and Sowmya R of 6th Semester published a paper on "Skin Cancer Detection Using Support Vector Machine Algorithm" under the guidance of Prof. Manjunath E in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Sahana R, Saranya I, Spoorthy B S, and Tanushree N of 6th Semester published a paper on "Eco-Friendly IoT: Powering Devices with Energy Harvesting" under the guidance of Prof. Ramya J in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Sudeep and Shruthi Josephine A of 6th Semester published a paper on "Pedi-Medi-Instructor: Pediatric Medicine Information and Instruction System" under the guidance of Prof. Radhika in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.
- Chethan R, Crispan R C, Thavin George G, and Jennifer Rodlina W of 6th Semester published a paper on "IoT-Based Smart Helmet for Bike Rider Safety" under the guidance of Prof. Kanimozhi S in Swanirman Sunirmit Publications of Research – 8th ICRTEAS April 2026, ISSN (Online): 2583-2654.

Online Certificate Courses

- Srinivasan V of 8th semester completed 8-weeks online certification course on "Systems Engineering: Theory & Practice" and from January to March 2026 and completed 4-weeks online certification course on "Medical Image Analysis" from February to March 2026, offered by SWAYAM NPTEL.
- Sneha Latha S of 8th semester completed 8-weeks online certification course on "Systems Engineering: Theory & Practice" and from January to March 2026 and completed 4-weeks online certification course on "Medical Image Analysis" from February to March 2026, offered by SWAYAM NPTEL.
- Afsha Nurain of 4th semester completed 12-weeks online certification course on "Machine Learning and Deep Learning- Fundamentals and Applications." from January to April 2026, and 8-weeks online certification course on "Edge Computing" from January-March 2026, offered by SWAYAM NPTEL.