

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

JUL - DEC 2023 | ISSUE - 21



College toppers receiving 1 Lakh cheque



Cyric Joseph(center) MD & CEO & Venkatesh Prasad extreme left



Placement & Corporate Head receives Honors



Golden Valley Educational Trust

Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

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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 Education 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 Field and was the Vice President of ISTE for two terms. He had been 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 Member 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 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 1980's with the visionary goal 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 builds the 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 constructing 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.



PRESIDENT'S MESSAGE

For more than three decades, the Dr. T. Thimmaiah Institute of Technology has assisted numerous aspiring young engineers. The institute has evolved over the past three decades as a result of a good infrastructure facilities and human resources dedicated to offering professional education with an emphasis on creativity and innovation. Our institute keeps a special emphasis on outcome-based education and offers both technical and life coping skills to equip students to become contributing members of society. We support our faculty members in engaging in research innovation, and gain fresher perspectives that will enhance their teaching. The initiatives taken are evident in our institute receiving a 3.5 star rating in the IIC 2022-2023 innovation ranking.

I would like to congratulate all the students who have received job offers from different business units through our placement and training cell. I want to thank the entire staff for working together to promote students overall development.

I am happy to publish the newsletter 21st issue, which covers the months of July to December 2023. I would like to use this opportunity to wish all students success in all their academic endeavors and to make their parents, institution and the country proud.

- Dr. T. VENKAT VARDHAN
President, GVET

FROM THE EDITOR'S DESK



Dr. SYED ARIFF
Principal
Chief Editor

With great pride, we place before you the 21st issue of Dr. TTIT, which runs from July to December 2023, is proudly presented to you. This newsletter provides an overview of current activities that took place on our campus during the second half of 2023, including noteworthy accomplishments by Dr. T. Thimmaiah Institute of Technology's teachers and students.

The editorial team would like to express its sincere gratitude to GVET President and Management for their untiring support and encouragement in making this publication better.



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COLLEGE ACTIVITIES

34th Graduation Day

The 34th Graduation Day of our college took place on August 5th, 2023. Prof. S. Vidyashankar, Hon'ble Vice-Chancellor of Visvesvaraya Technological University, served as the Chief Guest. During his address, Prof. Vidyashankar highlighted various student-centric initiatives undertaken by him, such as providing handbooks to prevent malpractice and modifying the syllabus, which yielded positive results. He mentioned plans to digitize document issuance, incorporate industry-oriented subjects in the syllabus aligned with NEP, and introduce makeup exams. VTU has transformed into a Students Centric University, prioritizing student welfare. A new Research and Innovation building has been constructed at VTU Belagavi Campus. Prof.

Vidyashankar urged graduates to become job providers in the face of India's unprecedented digital revolution, which offers significant opportunities.

During his presidential remarks, Dr. T. Venkat Vardhan, President of GVET, extended congratulations and well wishes to the graduating students.

Mr. Brijesh Patel, Secretary, KSCA and Governing Council Member, Dr.TTIT graced the occasion along with Mr. Raoul Vardhan and Mr. Rohahn Vardhan, Vice Presidents of GVET, alongside Dr. Syed Ariff, Principal of Dr. TTIT. Trust & GC members, principals of various institutions and staff of Dr.TTIT were present. Toppers and VTU Rank Holders were honored.



2019 – 2023 Batch Graduates



The dignitaries welcomed by the HODs



The dignitaries welcomed by the HODs



College toppers receiving 1 Lakh cheque



2019-23 Batch toppers on Graduation Day

Women's Empowerment Cell

One day session was organized by Dr.T.Thimmaiah Institute of Technology. Mrs.Usha Rani, Project manager, HP, Bangalore was the Chief Guest. The function started with invocation by Akshata & group V Sem Civil Engineering students, followed by lighting the lamp by the dignitaries. Prof. Silviya L, Assistant Professor, Department of Civil Engineering DR.TTIT, welcomed the gathering. Mrs. M. Maneela, Convener, Women Empowerment Cell, Dr TTIT introduced the Chief Guests. Usharani M P said "No organization ever created an Innovation, People Innovate not companies". Prof. Daphny Shallet, Assistant Professor, Department of EEE, Dr TTIT on 25-11-2023



Mrs.Usharani addressing the gathering on "My Motivational Session by Successful Innovator"





SKILL DEVELOPMENT PROGRAMME BY IETE

From 20th to 22nd July 2023, a comprehensive "Deep Drive into Python Libraries with Application Projects" skill development course took place at Dr TTIT Students Centre. The course was organized in collaboration with The Institution of Engineers (India) Kolar Local Centre, IETE, IQAC, and Institution Innovation Council.

The course aimed to equip students with practical knowledge and applications of Python libraries. Mr. Md Azhar Hussain, the CEO, and Mr. Vijay

Kumar, Assistant Instructor, both from Indoskill (Aqmenz Automation Pvt Ltd.) Bangalore, served as the expert instructors for the program. Dr. Manjunatha Babu N S, the HOD of Mechanical Engineering was the coordinator.

The hands-on sessions during the course proved to be highly beneficial for the students, as they provided a deeper understanding of the concepts through practical experience.

ENGINEER'S DAY CELEBRATION

On September 23, 2023, we celebrated Engineer's Day, marking the birth anniversary of the renowned Sir M. Visvesvaraya. This celebration was conducted in collaboration with the local chapter of the Institution of Engineers India at Dr. TTIT.

Dr. Rajan Babu, Chairman of IEI Kolar Local Centre, graced the occasion as the chief guest and addressed the participants, emphasizing this year's theme, and 'Engineering for a sustainable future.' Additionally, students the top performers in each branch were recognized and honored by the Institution of Engineers India. The programme was organized and coordinated by Dr. Manjunatha Babu N S, Secretary and Dr. Mohan Kumar, Joint Secretary IEI Kolar Local Centre, Dr.TTIT. Vice-Principal Dr. H. G. Shenoy, Dean-Academics Prof. Ruckmani Divakaran, HODs and other IEI members were present



Malatesh, 7thsem Mining Engineering topper receiving prize from Dr. H. G. Shenoy Vice-Principal

STUDENT INDUCTION PROGRAMME

First year Students induction program(SIP) was started on 25/09/2023 followed by Inauguration by Dr.T.Venkat Vardhan, President, GVET KGF with chief guest Dr. E.S Chakravarthy Technocrat, great motivator and an excellent

human being addressed the students as well as faculty members. Also we had chief guest Mr Akram Pasha I.A.S, Deputy Commissioner Kolar district Kolar around 200 students and parents participated at Dr TTIT KGF



38th Induction programme on 25th September 2023



EDUSKILLS AWARDS

Our institution has been honored with two significant awards by Eduskills:

- **Best Performing Institute 2023 - South Zone**
- **Best Performing Centre of Excellence (CoE) Coordinator - 2023**

These accolades were received at the Eduskills Connect 2023 event held in Goa from 17th to 19th November 2023.



Placement & Corporate Head receives Honors

VTU Rank Holders

We are thrilled to announce that six of our students have secured VTU Ranks for the 2022-23 academic year. Congratulations to these outstanding students for their hard work and dedication

Congratulations

VTU RANK HOLDERS 2022-23

 <p>3 RANK</p> <p>SHAIK KAREEMULLA MINING ENGINEERING</p>	 <p>4 RANK</p> <p>RAVI SHANKAR R MINING ENGINEERING</p>	 <p>5 RANK</p> <p>YALAMAKURI THARUN KUMAR REDDY MINING ENGINEERING</p>
 <p>6 RANK</p> <p>ANSHADH A MINING ENGINEERING</p>	 <p>8 RANK</p> <p>DINESH BABU R MINING ENGINEERING</p>	 <p>9 RANK</p> <p>AJITH A MINING ENGINEERING</p>



DEPARTMENT OF MECHANICAL ENGINEERING

FDP / Workshop / Conference Attended

- Mr. Purnesh and Mr. Mahendran, attended One week FDP program on "Digital Prototyping using CATIA" from 10th to 14th July 2023, conducted and organized by ICT Academy.
- Dr. Sampath A has attended One Week FDP program on "Autodesk Fusion 360" from 10th to 14th July 2023, conducted and organized by Department of Mechanical Engineering, Lendi Institute of Engineering & Technology, Andhra Pradesh.
- Dr. Manjunatha Babu N S, presented a research paper titled "Experimental Study on Thrust Force and Torque Post-Drilling of Hybrid Glass/Kevlar FRP Laminates authored by Dr. Mohan Kumar K, Dr. Sampath A, Dr. Manjunath A, Mr. Srinivas A, Dr. Thyagaraj N R, in the "21st ISME 2023 international conference on advances in mechanical engineering conducted and organized by Department of Mechanical Engineering, PES University, Bangalore from 13th to 15th July 2023.
- Dr. Narasimha C has attended One week FDP program on "Microsoft Azure AI Fundamentals" from 10th to 14th July 2023, conducted and organized by ICT Academy.
- Dr. Manjunatha Babu N S, attended as a session chair, in the "21st ISME 2023 international conference on advances in mechanical engineering conducted and organized by Department of Mechanical Engineering, PES University, Bangalore from 13th to 15th July 2023.
- Dr. Sampath A, Mr. Purnesh and Mr Mahendra. has attended One Week International FDP program on "NLP & ChatGPT Applications" from 14th to 19th August 2023, conducted and organized by Secab Institute of Engineering & Technology in collaboration with EXCELR.
- Mr. Sagar S has attended a Four Days FDP on Study on Nano composites at Cambridge Institute of Technology - Bangalore, 06th to 9th November 2023.
- Dr. Manjunatha Babu N S has published a paper on Evaluation of Glare Laminates characteristics influence through low velocity impact test in 3rd International Conference on Recent Advances in Materials & Manufacturing Technologies (IMMT 2023) organized by BITS Pilani, Dubai Campus From 20th to 24th November 2023.
- Dr. Manjunatha Babu N S has completed a 12 modules online course on Energy Literacy Training on 21st November 2023 under Energy Swaraj Foundation.
- Dr. Manjunatha Babu N S has completed an online course on Misconception about Solar Energy on 25th November 2023 under Energy Swaraj Foundation.
- Dr. Manjunatha Babu N S has completed an online course on Learn to install your own solar system – it's easy on 30th November 2023 under Energy Swaraj Foundation.
- Dr. Sampath A has attended a Four Days FDP on "Machine Learning Applications in Nanocomposites and nanofluids "at PESIT - Shimoga, 04th to 7th December 2023.

Students Achievements:

Mr. Frank Paul Edison, Mr. Vishnu Raj, Mr. Rohit, Mr. Shylesh, Mr. Prashanth, Students of 4th Semester Donated a Blood under NSS Activity on 16th June 2023 organized by Dr TTIT.

Guest Lecture & Workshop Conducted/Organized:

- Dr Kiran Kumar N, Assistant Professor – Vemana Institute of Technology, Bangalore has delivered a technical talk on "Human Values, Life Ethics and Technology" to Mechanical & Electrical Engg Students on 06th July 2023 conducted under Dr TTIT IEI Kolar Local Centre and IIC, Alumni Association.
- Mr. Md Azar Hussain & Mr. Vijay Kumar, Experts from Indoskill (Aqmenz Automation Pvt Ltd) handled a three days skill development course on Deep Dive into Python Libraries with Application Projects for our 4th Semester Mechanical, Electronics, Electrical Engineering Students from 20th to 22nd July 2023 under the aegis of IEI, IETE, IIC, IQAC in student centre. Wherein, around 110 Students have made active participation and provided valuable feedback.
- An Industrial Visit to Deccan Hydraulics Pvt Ltd was arranged to the students of Mechanical and Electrical Engineering on 12th August 2023. Wherein, around 55 students witnessed the visit.



DEPARTMENT OF MINING ENGINEERING

Paper published / presented

- Dr. Vijaya Raghavan has successfully completed 15 hours Live Training Program on ChatGPT and Generative AI held from 11th Sep 2023 to 19th Sep 2023 conducted by EXCELR.
- Dr. Vijaya Raghavan has successfully completed two weeks industrial training program on Satellite data analysis using deep learning and Python held from 26th Sep 2023 to 18th Oct 2023 conducted by Edux lab in collaboration with IIT Madras.
- John Gladius J has attended a 5 days Faculty Development Program on " ChatGPT and AI Tools for Academicians" during 27th November to 1st December 2023 through Online (Google Meet) Mode Organized by ASET College of Science Technology, Chennai

Guest Lecture & Workshop Conducted/Organized:

- Dr. B. P. Ravi, Ex professor and Head, Dept of mineral Processing, VSK University, Nandihalli has visited our college on 26-27 Oct 2023 for a Demo of mineral processing equipment for 5th mining students.
- Mr. Tejeswaran K M, Associate Consultant, Mining Technical Services, Adani, has delivered a guest lecture on slope stability on opencast mining for 7th semester students on 7.12.2023
- Mr. Naresh K S, Mine Planning Engineer, HZL. has delivered a guest lecture on underground metal mining for 5th semester students on 7.12.2023

Students Participation in NITK Event

A group of Mining Engineering students from our college recently participated in the 4th SME-NITK Annual Convention organized by the Society of Mining Engineers



Students participated inter college events & received prize from NITK Suratkal Mangalore

STUDENT ACTIVITIES

Swatch Bharat Event by Emerald Mining Club

On October 5th, 2023, the Department of Mining Engineering's Emerald Mining Club organized a Swatch Bharat Awareness program. This event was led by Mr. Malatesh, final-year mining engineering student under the guidance of Dr. A. Manjunath, Associate Professor, Mining Engineering and Prof. Sagar, Mechanical Engineering.



School students Participating Swatch Bharat Awareness Program

at the National Institute of Technology (NITK) Suratkal. The event took place from October 4th to October 6th and proved to be highly successful for our team.





DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Technical, Workshops/FSDP Conducted:

- Organized Six days FSDP on title "Recent Trends on Embedded System & OS Development" in association with CSI Student Branch and IIC Cell of DrTTIT from 28th Aug to 2nd of Sept 2023 including two resource persons namely Dr. G. Hemanth Kumar, Assistant professor, Department of ECE, Reva College of Engineering, Bangalore and Dr.A.Jaya Mabel Rani, Assistant Professor, Department of CSE, Saveetha University, Chennai have presented their respective topics in this workshop
- Dr. Sreedhar Kumar S, Dr.Kharmega Sundararaj G, Prof. Punitha F, Prof. Preethi S, S R, Prof. Vinutha B A, Prof. Premalatha D, Prof. Tharadevi M, Prof. Sharmila Kumari N, Prof. Nishabai M, Prof. Shalini G, Prof. Mercy Flora Prithaba, Prof. Sophia S, Prof. Velantina V, Prof. Sangeetha V, Prof. Lekha S and Prof.Divya Shree V have attended the Six Days FSDP on "Recent Trends on Embedded System & OS Development" organized by Department of CSE in association with CSI student branch and IIC cell of Dr.TTIT, KGF from 28th Aug to 2nd Sept 2023.

RESEARCH & DEVELOPMENT

Conference

- Dr. Sreedhar Kumar S has presented his research paper with entitle "An Improved System for Students Feedback Analysis Using Supervised Probability Techniques", in 10th IEEE UP Section International Conference on Electrical, Electronics and Computer Engineering (UPCON-2023) held at Amity University, Greater Noida during 1st to 3rd December 2023.
- Dr. Kharmega Sundararaj G, Associate Professor, Department of CSE, Dr. TTIT has participated and Published a Paper titled "Analysis of Directional Projection Characteristics Based on Convolution Neural Network Algorithm and Application of Cultural Relics Authenticity Identification" in International Conference on Smart Technologies for Smart Nation (Smart Tech Con - 2023) held at Amity Global Institute, Singapore during 18-19 August 2023.
- Dr. Kharmega Sundararaj G, has participated and presented his research paper with title "Improving Medical Image Pixel Quality Using MICQ Unsupervised Machine Learning Technique", International Conference on Computing, Communications & Cyber Physical System", Reva University, Bangalore, 18th - 19th November 2021

Paper Published

- Dr. Sreedhar Kumar S, Prof. Nisha bai and Prof. Sophia have got acceptance to publish their research article with title "Medical ChatBot Assistance for Primary Clinical Guidance Using Machine Learning Techniques", in the Scopus indexed Elsevier Journal "Procedia Computer Science" with impact factor (0.854) on October 2023. Book Publication

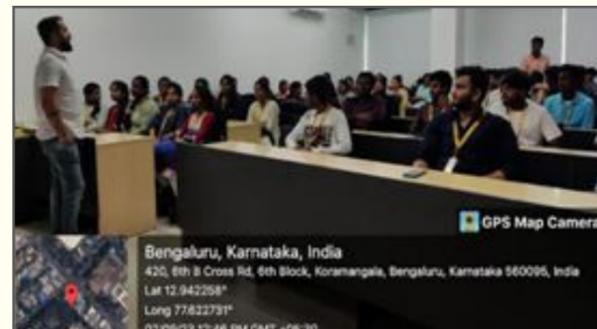
- Dr. Kharmega Sundararaj, Associate Professor, Department of CSE, Dr. TTIT is a co-editor in the book series with entitle "Futuristic Trends in Artificial Engineering" with Series Code: IIPV3EBS09_G76 (www.iipseries.org).

Faculty Achievements:

- Prof. Shalini G has completed one week live online Industrial Training on Machine Learning & Artificial Intelligence held during 30th October - 3rd November 2023.
- Prof.Thara Devi M has completed Educator training on Juniper Networks cloud and automation.
- Prof. Thara Devi M has participated in FDP on Machine learning and Artificial intelligence from 13th November to 17th November 2023.

Industrial Visit

Organized one day industrial visit for 4th semester students Dr. G Kharmega Sundararaj, Prof. Mercy Flora Pratheba, Prof.Apoorva and Non-Teaching staff members, Mrs. Sumalatha and Mr.Vaidheeshwaran, and Mrs. Sharon Princy, visited one day IT industries in Imarticus Learning Pvt Ltd, Bengaluru



One day Industrial visit for 4th sem along with teachers

Eduskill Virtual Internship

- Anusha K placed as Associate Analyst for Tech Mahindra through Eduskill Internship.
- 135 students completed virtual Internship provided by Eduskill cohort5 during May- July 2023 and September-November 2023.



ELECTRONICS & COMMUNICATION DEPARTMENT

Webinars / FDP / Workshop Attended by Faculty Members

- The department of ECE organized Webinar on "Dot Net for innovative App design" on 29.11.2023 by Ms Sushmita Nayak, Project Lead, Rural Care Innovators LLP, Chennai, Tamilnadu
- IETE Sponsored "Awareness on Gate Exams" was conducted in Dept of ECE on 22.09.2023 from 9.00AM to 11.00AM. Mr. Rajesh Kumar Kaushal, Asst Professor of ECE Dept has provided an elaborate session about the awareness of Gate Exams and applications. Around 40 Students of 7thSemester have participated.
- Prof. Nandini G N attended a FDP on "Electronics Circuit using Lab View" conducted by AICTE - VTU Joint Teachers Training Programme from 12.06.2023 to 16.06.2023
- Ms. Mohana C has participated in the one day Seminar on "Classification and prediction of MRI images with machine learning approach" by Dr. Polaiah Bojja, Professor and Dean, Institute of Aeronautical Engineering, Hyderabad on 17th November 2023, organized by Department of Electronics & Communication Engineering & Department of Electrical & Electronics Engineering.
- Ms. Mohana C has participated in Core EL Edu summit on "Powering Artificial Intelligence System Simulation" Held on 28th November 2023.

Student Achievements

- Ms Kusuma H student from 3rdsem attended a webinar on "Dot net for innovative app design" on 29.11.2023 .
- Ms Kavya. M student from 3rdsem attended a webinar on "Dot net for innovative app design" on 29.11.2023

Industrial Visit

Industrial Visit to BEML LTD, KGF on 12.08.2023 by 4th Semester students accompanied by Dr.K.M. Palaniswamy and Dr. T. Bhuvendhiran



Industrial visit for 4th sem accompanied by Dr. K M Palaniswamy and Dr. T Bhuvendhiran

Industrial Visit to IISC, Bangalore on 01.12.2023 by 7th Semester students accompanied by Dr.K.M. Palaniswamy and Prof. Rajesh Kumar Kaushal and Prof. Deepa B.M.



One day Industrial visit IISC, Bangalore

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

FDP/ Webinar attended

- Prof. Ronald Lawrence. J completed 6 days online UHV-II- FDP organized by AICTE from 6th to 21st October 2023.
- Prof. Sridevi. A completed Five days faculty development program on "Artificial Intelligence with Real Time Applications" Conducted from 16.10.2023 to 20.10.2023 in Nitte Meenakshi Institute of Technology.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Faculty Achievement

- Dr. Jansi Rani, Assistant Professor, Dept. of CSE (AI&ML) completed PhD on October 11, 2023 at Annamalai University, Chidambaram on the Title: "An Empirical Study of Deep Learning Networks for Fine Informative Image Captioning."
- Dr. Jansi Rani, Assistant Professor, Dept. of CSE (AI&ML), submitted proposal for Medium Scale Micro Enterprise, IDEA Hackathon - 3.0 on the Title "Accident Evading system using Deep Learning Techniques with Raspberry Pi while Vehicle overtaking"
- Dr. Jansi Rani, Assistant Professor, Dept. of CSE (AI&ML), attended two days workshop on "Introduction to Embedded Systems and Robotics" conducted on 8th and 9th September 2023, held at Jyothi Institute of Technology, Bengaluru.
- Dr. Jansi Rani, Assistant Professor, Dept. of CSE (AI&ML), delivered webinar on the topic, "Overview of Image Captioning", at Department of ECE & EEE, Ponnaiyan Ramajayam Institute of Science & Technology (PRIST), held on 24th August 2023
- Prof. Apoorva, Assistant Professor, Dept. of CSE (AI&ML), completed PhD course work in the month of October 2023.
- Dr. Jansi Rani J, Cleared NPTEL Online Certification Course in "Python for Data Science", exam held on September 2023 and "Introduction to Machine Learning"

FDP / Webinar attended

- Dr. Jansi Rani, Assistant Professor, Dept. of CSE (AI&ML), attended five days FDP on "NLP and ChatGPT Application" conducted on 14-08-2023 to 18-08-2023 at SECAB Institute of Engineering and Technology and ExcelR, Bangalore

DEPARTMENT OF CIVIL ENGINEERING

Faculty Achievements

Prof. Smruthi Cleared NPTEL Online Certification Course in "Site Reliability Engineering" held on 22nd July 2023

FDP/ Webinar attended

Prof. Bharath attended six days Faculty development Program on "Research Insights in Civil Engineering – RICE-2023. Conducted from 24 to 28 July 2023 in Department of civil engineering, NIE Mysore

Student Achievements

- We are happy to share that our stellar student Ms. Swaroopa Rani, 7th Sem, Civil, has secured 1st prizes in Extempore and Group Discussion competitions for the third consecutive time at BEML Ltd. Vigilance Awareness Week celebration on 7th Nov. 2023. Hearty Congratulations to her on this remarkable hat-trick
- Mr. Vikas. S, a final year Civil Engineering student, has been selected for VTU football teams in the south east zone inter University championship 2023-24.



Miss Swarooprani receives prize from BEML officer



Mr. Vikas VII sem selected for VTU championship



BASIC SCIENCE

- Prof. Veena. B First year coordinator attended one week National online workshop on "Research paper writing and publishing" (from 1/12/23 to 7/12/23).
- Institution innovation council in association with Entrepreneur Development cell Dr TTIT KGF organized 'Poster Presentation of ideas' By Prof Veena.B , Head EDC, Prof Tamilvani EDC Coordinator, Prof Daphny Shallet.M Convener IIC on 23/ 11/2023
- Enrollment for new election voter ID registration awareness program was conducted for complete first year students and faculties on 7/12/23 by KGF Tahsildar and team.

ALUMNI ACTIVITIES

INTERACTION

We are happy that our Alumnus Mr. Anil Kumar, Batch of 2000, Electrical & Electronics Engineering, working as the Head, Technical Services, TATA power, New Delhi, visited our college on 27th June, met his teachers, reminisced his college days and interacted with the First-Year Electrical students. Dr. TTIT Alumni Association appreciates and thanks him for his time and efforts.

GUEST LECTURE

A guest lecture programme was organized by Dr. TTIT Alumni Association in collaboration with the IEI, Kolar and Dr. TTIT IIC on 6th July 2023. Our Alumnus Prof. Kiran Kumar N, Assistant Professor, Mechanical Engineering, Vemana Institute of Technology, Bangalore, delivered an inspiring lecture on 'Human values, Life ethics and Technology'. Students of Mechanical and Electrical Engineering streams participated.

SUCCESSFUL RESCUE OPERATION BY MINING ALUMNI

Proudly celebrating the remarkable achievements of three of our Mining alumni, Mr. Cyriac Joseph (1992 batch), the MD & CEO of Sqadrone Infra and Mining Pvt. Ltd, and Mr. Venkatesh Prasad H S (2015 batch) and Nihal. R (2016) a



Cyric Joseph(center) MD & CEO & Venkatesh Prasad extreme left

THE INSTITUTION INNOVATION COUNCIL

Dr. TTIT. Celebrated "National Innovation Day on account of Dr. Abdul Kalam's Birthday organized by Department of E & C, Civil Engineering EEE and Mechanical, on 27 Oct 2023 Students are participated & win exciting cash prize



National Innovation Day

Mining Engineer in the same company. Both were instrumental in the successful rescue of 41 workers in the under-construction Silkyara tunnel, Uttarkashi, Uttarakhand.





- Session on Innovation & Entrepreneurship was delivered by Innovation Ambassador and Convener IIC Prof. Daphny Shallet M on 06/10/2023. Students were given awareness about innovation around 200 students participated in the event
- Session on Problem Solving & Ideation was delivered by Dr. Palaniswamy, Associated Professor, ECE on 06/10/2023. Around 200 students participated in the event



Session on Problem Solving & Ideation

- Idea pitching competition was organized Institution's Innovation Council on 07/10/2023.
- 180 students participated in the event



Idea pitching competition Organised by IIC

Poster making competition was organized on 23rd Nov 2023 on the account of National Entrepreneurs Day. 120 students participated



Students participated in poster making competition

Condolence



Mr. Dhiraj A
4th Semester, Mining Engineering

The Management, Principal, Staff, and Students express our heartfelt condolences on the untimely and tragic passing of our student, Mr. Dhiraj A., the 4th-semester Mining Engineering student.



PLACEMENT TRAINING

- Hope Foundation is a non - profit organization and conducts free training programs which was conducted on 29/06/2023, on Technologies like Python, Java and machine learning. This program is only for female students. Over 60 students from our college had been registered for this program.
- Coffee is a CSR program which was conducted on 12/06/2023, where they provide free training and they provide Job Opportunities based on their Certification.
- TAP Academy is a skilling organization, which was conducted on 03/05/2023, where they trained the students to upskill themselves and keep the students in sync with the current IT needs under their CSR program. TAP Academy had conducted an assessment to our students and students selected had under gone free training for a period of 5 months on Full stack web development and interview preparation. They also contributed free placements assistance to the selected students.
- Global Quest Technology is a CSR training program, which was conducted on 21/08/2023, which offers free training and career development opportunities to all the Final year students. This program is scheduled for 85 hours of Aptitude and Soft skills and Technical related training.
- EduSkills is a Non-profit organization, which was conducted on 20/08/2023, which enables Industry 4.0 ready digital workforce in India. We are the member of Eduskills. Our students had an option doing free online internship.

In Campus Drive

Oappsnet conducted In Campus drive for 2023 Batch students on 14/10/2023, where in 4 students from Computer Science and Engineering got selected from our college.



IT Career Guidance this program was conducted by Ms. Ashwini, on 20/10/2023 at Mechanical Seminar Hall, where they represented the importance of ChatGPT for the students in our college.



Gravity India launched a new Skill Development Centre (SDC) which was conducted on 08/11/2023 to empower the MEP Industry. MEP stands for "Mechanical, Electrical and plumbing." MEP engineering is the science and art of planning, designing and managing the MEP systems of a building. Training will be provided to all Electrical, Mechanical and Civil Engineering students. The company also provides guaranteed placements to all their trained students.



Capabl are a national award-winning by NITI Aayog, train students on three domains, Electric Vehicle (EV), Full stack development and Data Science for a period of 5 to 6 months. The training will be online live sessions and only during the weekends from 5:00 pm to 6:30pm (3 hours per week). Students will have access to LMS access 24/7 and for life time.



Mentor Together conducted a free mentorship program, on 04/12/2023, for the final year students. Mentees undergo 8 sessions of the virtual mentoring sessions with their mentors through their app Mentor togo.



Alliance University drive was conducted on 20/11/2023, to provide Full-time Internship and job opportunity. Interns will be compensated with a stipend of INR 20,000/- per month. Interns will be offered a full-time opportunity based on their internship performance with a CTC of INR 5,00,000 per annum.



PLACEMENT TRAINING

- 05 students have been placed in last 6months, so the total count is 91 students in 2021-22 Batch
- 24 students have been placed with a total of 54 students in 2022-23 Batch

PLACEMENT RECORD OF 2022-2023 BATCH

Sl No	Name	USN	Department	Company	Package
1	SAMYUKTHA	1GV19CS070	CSE	BYJU'S	5
2	TABREZ	1GV19EC058	ECE	AWS	3.1
3	SUJITHA	1GV19EC045	ECE	WISTRON	2.58
4	TABREZ	1GV19EC058	ECE	WISTRON	2.58
5	KEERTHANA	1GV19ME013	MECH	WISTRON	2.58
6	AFREED		MECH	WISTRON	2.58
7	MOHAMMED FAZIL	1GV19ME017	MECH	WISTRON	2.58
8	HEMANTH	1GV19ME010	MECH	WISTRON	2.58
9	ANUSHA	1GV19CS006	CSE	TECH MAHINDRA	3.25
10	SAMYUKTHA	1GV19CS070	CSE	POPULAR MOTORS	4
11	RUBICA RANI	1GV19CS067	CSE	KPMG	2.5
12	RITU RANI B	1GV19CS066	CSE	OAPPS NET	4
13	YASHWANTH SINGH B	1GV19CS093	CSE	OAPPS NET	4
14	HARINA SHREE	1GV19CS024	CSE	OAPPS NET	4
15	POORNIMA N	1GV19CS055	CSE	ACCENTURE	4.6
16	FIROSE PASHA	1GV19EE004	EEE	WISTRON	2.58
17	MUSHAHID	1GV19ME018	MECH	WISTRON	2.58
18	AJITH M	1GV18ME003	MECH	WISTRON	2.58
19	SANTHOSH S	1GV17ME025	MINING	WISTRON	2.58
20	BRINDHA R	1GV19ME007	MECH	WISTRON	2.58
21	SANTHOSH MS	1GV19ME034	MECH	WISTRON	2.58
22	SHIVA KUMAR K		EEE	WISTRON	2.58
23	JAIKARANJ	1GV19ME011	MECH	WISTRON	2.58
24	FAREEN TAJ	1GV19EC012	ECE	WISTRON	2.58



The VTU State level Cross country 2023 was hosted in our college on 10th July 2023. The total numbers of participants were 133 with 91 Men and 42 women from 26 VTU colleges.

Dr.TTIT participated VTU intercollegiate Basketball tournament at Sri Venkateswara college of Engineering held on 27 and 28 Nov 2023.

Dr.TTIT won the cricket match against BMSCE and MVJCE Inter Collegiate State level Cricket Tournament Team Likhith (C), Abhishek, Kalpesh, Monish, Monishkar Shakthi, Rohit Sam, Sachin Joshua, Sanjay, Satheesh, Vishal, Yogaraj, Anith, Nani, Vikas and Paul



Winners of sports team

Hearty
CONGRATULATIONS
TO OUR CRICKET STARS!



YUVARAJ. T
MECH | 5th Sem



KALPESH
CSE | 7th Sem

Our students. Mr. Kalpesh (7th Sem CSE) and Mr. Yuvaraj. T (5thsem Mech) has been selected to represent the VTU North Zone Cricket Team.

We are confident that their dedication and skills will contribute significantly to the success of the team

Hearty
CONGRATULATIONS
TO OUR FOOTBALL STAR!

Mr. Vikas. S, a final year Civil Engineering student, has been selected for VTU football team in the south east zone inter University championship 2023-24



VIKAS. S
CIVIL ENGINEERING