



Dr. TTIT Newsletter

November 2017

ISSUE - 11

A LEADING LIGHT THE FOUNDER



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

Dr.T.VenkatVardhan started his career in the late 1980's with a pioneering vision to conduct large scale live events akin to those in overseas markets. This gradually paved way for all that the company he founded, DNA Entertainment Networks Pvt. Ltd., stands for today, Enterprise, Excellence and Innovation. Dr.T.Venkat Vardhan's grandfather Late Shri.KengalHanumanthaiya, was a former National Leader and Chief Minister of Karnataka. 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, the VidhanaSoudha in Bangalore, the historical landmark. He is the son of Late. Dr. T. Thimmaiah, a legend in the field of education, a former I.A.S officer who dedicated over five decades of his life in establishing various Educational Institutions in Kolar Gold Fields, to impart quality education in the rural areas. Following his footsteps, Dr.T. Venkat Vardhan is the President of the Golden Valley Education Trust, and continues to help the colleges under the trust in K.G.F to grow along with 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 of 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's 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 was honored "Rotary Vocational Excellence" award for 2015, for his contribution towards entertainment world and education to the society. He was being honored for his contribution in Sports and Hockey at Hockey India Second AnnualAward on 26th March 2016.

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, Ph.D.(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. The other institutions under this Trust are KGF First Grade College, KGF PU College and Sri.KengalHanumanthaiya Law College. Dr.T.Thimmaiah was the chairman of the Southern Regional Council for Technical Education for six years and was instrumental in granting permission to start new Polytechnics and Engineering colleges in the Southern States of India. He was the Vice-President of ISTE for two terms and was the Director, School of Mines, Kolar Gold Fields. He had been the Director of Board of Governors, Regional Engineering College Warangal, Andhra Pradesh. He served as a member of the Advisory Committee of Regional Engineering College, Calicut, Kerala and was a member of the Joint Board of Mining Education, New Delhi. 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 has served as the Deputy Commissioner, Shimoga District and Additional Secretary in the Department of Agriculture and Horticulture, Government of Karnataka. He was awarded "Priyadarshini Indira Gandhi achievement Award 2011" for the year 2010 for his outstanding contribution in field of education by International Peace and Integrity Society. He had a dream and vision of getting the Deemed University status for the institutions under GVET at Kolar Gold Fields.

About our President



Dr. T. VENKAT VARDHAN
President, GVET

President's Message

From three decades, Dr.TTIT has been serving many young engineering aspirants of our country. Today, I am extremely happy to release the 11th edition of our news letter from January to November 2017. I am confident that the editorial team has covered all the recent happenings in the campus. Today's world is on a fast track, in the world where time and space are compressed, there are many challenges to achieve success. This requires knowledge, which is current, relevant and based on actual experience. Our institution provides ample opportunities for the students to acquire both technical and life coping skills which would enable them to empower themselves as useful citizens. We provide enough scope for them to develop their overall personality, both in curricular and extra-curricular activities. My appreciation to all the staff for their team work, especially to the editorial committee for covering the important events. I wish all the students to excel in all fields and make their parents, Institutions and nation proud

Dr. T. Venkat Vardhan

From the Editor's Desk



We are happy to release the 11th edition of the newsletter covering events from January to November 2017. This newsletter brings out all the important achievements of faculty and students and other development activities undertaken in the campus. This edition of the newsletter has tried to cover all the innovative changes in the campus. On behalf of the editorial committee, I thank our management for the support and encouragement rendered to keep up the standards of this edition of the newsletter.

Dr.SyedAriff
Principal

EDITORIAL COMMITTEE

Chief Editor : Dr. Syed Ariff,
Principal

Editor : Prof. Ruckmani Divakaran,
Vice-Principal & HOD, ECE

Members :

Prof. Sudersanan P.D., HOD, Mech
Prof. Lakshmiopathy N., HOD, EEE
Prof. Subramoney N., HOD, Estate Dept
& Soft Skill Trainer
Prof. Vinutha B.A., HOD, CSE
Prof. Saul Dev, Dean, HOD, Mining
Prof. Kalyan Kumar S., HOD, Maths
Prof. Saralashanthi J., HOD, Physics
Prof. Mohana K.R., HOD, Chemistry
Prof. Maneela M., HOD, Civil

LIST OF TRUSTEES

Dr. T. Venkat Vardhan,	President, GVET
Sri. Raoul Kengal Vardhan	Vice-President, GVET
Sri. M. Backtavachalam, Ex-M.L.A.,	Secretary, GVET
Sri. S.HarishaPrabhu	Treasurer, GVET
Sri. Brijesh Patel	Trustee, GVET
Sri. K.V. Venkatakrishna Reddy	Trustee, GVET
Sri. K.G. Nanjappa,	Trustee, GVET
Sri. M. Narayana Reddy	Trustee, GVET
Sri. B. Manivannan	Trustee, GVET
The Principal, KGF FGC	Trustee , GVET

College Toppers 2017



Ms. Brindha M.D
79.27%



Mr. SUMANTH BENNIHALLI
78.52%



Ms. NAGAMANI.N
78.61%



Ms. N.MOHANAMBIKA
77.60%



Ms. SHAMA ANJUM
74.88%



Ms. VIDHYA KAVISHREE.E
68.02%

College activities

Republic day -2017

Dr.Syed Ariff, the Principal hoisted the National Flag .All faculty members and staff attended the event

Dr.T.Thimmaiah Golf tournament

Dr.T.Thimmaiah Memorial Golf Cup tournament was played on Sunday 29th January 2017 at KGF Gymkhana Golf Club. On 26th January 2017, Caddy's tournament was sponsored by Dr.T.Venkat Vardhan in which 24 caddys participated. The winners were issued with certificates.



Dr.T.Venkat Vardhan issuing certificates to caddys

Dr.TTIT Music Band

Dr. T. Venkat Vardhan encouraged the initiative of students in forming a Music Band, by extending his full support and procuring Musical Instruments like Electric Guitars, Acoustic Guitars, Drums Kit, Keyboard, etc. The Band gave their first performance with all Brand new instruments during Gold Rush 2017. The members of Dr.TTIT Music Band expressed their heartfelt thanks to the Management headed by Dr. T. Venkat Vardhan.



Dr.TTIT music band during Gold rush 2017

Dr.TTITans participate in IISc Open Day

On 4th March 2017, Indian Institute of Science Bengaluru celebrated 'Open Day'. The 6th Semester students visited the Institute where Scientific demonstrations were done.

Faculty Development Programme by TCS

A Faculty Development Program on "Career Opportunities for Core Engineering Graduates in TCS" was conducted on 05th April 2017, Wednesday by Mr. E S Chakaravarthy, Centre Head, TCS India Limited, Bangalore and Mr. Sunil Joseph N, Head, Tata Affirmative Action Program. The Program highlighted that IT projects involved in most of the branches of engineering. He gave examples of IT sector involvement in automobile, mining, construction, mechanical processes, electronics and electrical etc



Mr.Chakaravarthy from TCS addressing the faculty during FDP

Pep Talk

Mr. Shiv Devaiah, country Manager, LanTro Technologies India Pvt.Ltd. delivered a talk, mentoring the final and pre final year students of all branches under career Guidance Programme conducted on 12th April 2017.



Mr.Shiv Devaiah addressing the students

VTU LIC Committee Visit

The VTU LIC Committee visited the campus on 26th April, during their inspection they were pleased at the amazing role we are playing at the college towards the community. The meeting started with the college video, Principal's presentation which was followed by the visit to different department and labs.



VTU LIC committee members during their visit

90th Birth Anniversary of our President Emeritus

The 90th Birth Anniversary of our beloved President Emeritus Late Dr. T. Thimmaiah was commemorated on 17th April 2017. Homage was paid with a floral tribute by the staff of GVET Institutions.



Dr.T.Venkat Vardhan paying tribute to President Emeritus Late Dr. T. Thimmaiah

FDP on "Teach to Reach

Teach to Reach" A One Day Faculty Development Programme was organised on 30.4.2017. Around thirty teaching faculty members attended the workshop. Dr. Janani from M/s Rex Pride conducted the programme. The sessions were well articulated and the participants got the impact impressively. Prof. N. Subramoney Coordinated the Programme.



Dr.TTIT Faculty with Dr.Janani

Industrial Visit to TCS by Students

An industrial visit was arranged for Computer Society of India (CSI) members of our institute to TCS ,Global Axis campus , Whitefield on 18-05-2017. In a brief session, the students were addressed by TCS regarding the technology advancements and what young engineers need to focus upon. They were also briefed on how to be successful in the interview processes by following a Four year model i.e., 1st year : General aptitude, 2nd year : Technical knowledge, 3rd year : Selection of mini project and implementation and 4th year : Implementation of the final project and facing interview. Few real time projects were also demonstrated to the students. Ms. Tharadevi M Asst. Prof., CSE Co-ordinated the event.



TCS member addressing the students of Dr.TTIT

Juniors bid Farewell to their seniors @ Dr.TTIT



Junior student addressing the seniors during the Farewell function

The Final Year students of our Hostel received a heart touching farewell from their juniors on the Farewell Function on 10th June 2017. The Final Year Students planted saplings near their hostel to mark the occasion.

Scholarship Awarded

The students with CET – Ranking Less than 10,000 getting admitted to our college will get complete tuition fee waived off.



Student awarded by Dr. T. Venkat Vardhan

Our Beloved PresidentGVET Dr. T. Venkat Vardhan in his endeavour to see that the students of Dr.TTIT get the best facility to pursue Engineering, has been encouraging the students in their all round development and gives his full support to the deserving students. He has waived off the tuition fee and has given fee concessions to the students of our college who has been doing very well in academics with top grades in most of the subjects, but having financial constraints.

3rd Remembrance Day

The 3rd Remembrance Day of our President Emeritus Late Dr. T. Thimmaiah was observed on 17th July 2017 with a floral tribute by all the trust members and staff of all GVET Institutions.



Dr.T.Venkat Vardhan paying tribute to President Emeritus Late Dr. T. Thimmaiah on the remembrance day

32nd Batch Student Induction 2017

The induction of the 32nd Batch of Students was held on 8th August 2017 Principal Dr. Syed Ariff welcomed the gathering and Prof. Ruckmani Divakaran, Vice Principal, shared a brief report on the college and its initiatives. Ms. Afra, 7thSem,Civil,briefed the incoming students about the facilities at Dr.TTIT. Mrs. Marian L.M ,a parent from Bangalore shared her experience on how she shortlisted Dr.TTIT from among the top engineering colleges in

the city. Shri. Chakravarthy, Centre Head TCS, Bangalore, was the guest of honour. During his speech, he motivated the students to better their skills during their time at the college.

He urged them to inculcate values like dedication and asked them to build a positive attitude. The Chief Guest

Dr. Thrilok Chandra, IAS, Deputy Commissioner, Kolar District, released the student guide and spoke about the support given to rural colleges by the Government.

Dr. T. Venkat Vardhan, President GVET, welcomed the students and parents during his presidential address. He announced a complete tuition fee waiver for students who would secure highest grades. This waiver would be extended through his company's CSRProgramme, he said. Prof. Saul Dev,HOD, Dean proposed the Vote of Thanks. The programme was anchored by Prof. N. Subramoney, Estate & Professional Development



Dr. Syed Ariff , Dr. T. Venkat Vardhan Dr.Thrilok Chandra, DCS, Kolar and Mr. Chakravarthy, Centre Head , TCS lighting the lamp on student induction 2017

Independence day Celebration

Dr.Syed Ariff , the Principal, & Prof. Saul Dev, Dean HOD hoisted the National Flag .All faculty members and staff attended the event. Rangoli competition was held for staff and students ,ECE department emerged as the winners.



Independence Day flag hoisting

Engineers day 2017

Bharat Ratna, Sir. M. Visvesvaraya's birth anniversary, September 15, is celebrated as Engineers Day in India. The students and faculty of Dr.TTIT marked this day with a series of technical competitions and honoured the winners with prizes.



Engineer's Day Celebration 2017

Graduation Ceremony -2017

On 10 September, 2017, Dr.TTIT hosted the Graduation Ceremony of the 28th batch of students. The grand event was graced by Dr. S. Rajashekharaiiah, Founder Vice Chancellor of VTU, who was the Chief Guest. Mr.Ashwin Ajila, MD, I-Nurture Education Solutions Pvt. Ltd, was the Guest of Honour and Dr. T. Venkat Vardhan presided over the function. All the department toppers were awarded, and the College topper Ms. Brindha M.D, Electrical & Electronics Engineering, was awarded with the Dr. T. Thimmaiah Gold Medal and a cash prize of INR 1 lakh.



Ms.Brindha,the college topper from EEE, receiving cheque of Rs.1lakh from Dr.T.Venkat Vardhan



The college toppers with the guest

Climate Change Quiz

Dr.TTITans participated in the climate change quiz-2017 organized by Indian Institute of science, Bengaluru ,on 14th September 2017. Prof. Sampath Kumar (Mechanical) accompanied the students.



Students who participated at climate change quiz at IISc.B'lore

MoU with NEF

- Dr.TTIT has successfully Launched Skill Development program for Pre-Final year students on 28.10.2017.Dr.TTIT has signed an MoU with National Education Foundation (NEF) to Educate the students in the areas of Employability, Business Skills and Digital Literacy.
- National Education Foundation (NEF) is a world renowned non-profit organization established in the year 1989 headquartered in Washington DC. NEF is engaged in bridging the Employment, Digital and Academic divides by providing high quality affordable 21st century online education in the areas of employability, IT, Desktop Skills (Office Productivity Skills), Business Skills and Digital Literacy to students and job seekers not only in the US but worldwide.
- NEF is working in India with major Universities, Government Sectors and Institutions. All the Training Courses offered are delivered through blended learning of highest quality and certified by State University of New York (SUNY), USA which is globally accepted for all purposes. We are confident that this association with NEF will make our students more skilled in terms of Employability which in turn would convert to more Placements.



Inauguration of NEF Program

Karnataka Rajyotsava

Kannada Rajyotsava 2017 was celebrated on 1st November 2017 at Dr.TTIT by our students. The Celebration began with hoisting of the State Flag. Mr. Veera Venkatappa, Ex. President, Kannada Sangha, KGF was the Guest of Honour. Various Competitions were held and prizes were distributed.



Dr.TTIT Faculty on Karnataka Rajyotsava 2017

World Environment Day 2017

The World Environment Day was celebrated on June 6th 2017. The programme was organised by STREAM and DBIDC, Dr.TTIT, Dr. Syed Ariff, Principal, Prof. N Subramoney, HoD Estate Department & Professional Development addressed the gathering. Importance of taking steps to reduce carbon emissions, to reduce the use of Paper, preventing deforestation and to take care of nature within ourselves, so that the Nature will take care of itself was the message delivered by them. The Staff and Students wore Green dress to mark the occasion. Around 200 Tulsi saplings were distributed to the gathering, sponsored by Dr.Sugumaran, South Africa.



Dr.TTIT staff, students, faculty members on world's environment day

Tree Planting by Dr.TTITans

Boovarohavan A N, Allen Akash, Jai Ganesh, Antony Prabhu S, Hariharan, Sai Vivek, Tamilarasan, Priyadharshan, Dinesh, Alen Rahul Raj and Harry Rozario the inmates of Dr.TTIT Hostel,

doing their Engineering in Mining / Mechanical, conceptualized the idea of planting 10,000 trees by 2021. In a mission towards green environment, and bringing awareness to the school children, they planted 17 saplings in William Richards and St. Mary's School KGF. They planted 35 saplings in our College campus on 7th June 2017 along with Prof. N. Subramoney, HoD, Estate Dept, Mr. Saul Dev, Dean and others were present during the program.



Tree planting by Dr.TTITans

Yoga Day 2017

As per the directives from the GOI and VTU the International Yoga Day was celebrated in our college on 21st June 2017. Dr.Syed Ariff, Principal, Dr. TTIT welcomed the gathering. Prof N. Subramoney spoke on the role of practicing yoga in the modern day world. A videopresentation was given on the Chakra Meditation, a proven meditation technique for healthy living.

Human Rights Awareness Program

A program on awareness on Human Rights was conducted in our campus by the State Human Rights Commission in association with Police Department and Global Organization for all the police officials in the region on 4th July 2017 in our campus. Mrs. Meera C Saxena, Chair Person, State Human Rights Commission was the chief Guest. Mr. Lokesh Kumar, SP, Mr. Puttamadhiah.

Dy SP, CPls, PSIs and police officials participated.

Swatch Bharat Abhiyan-2017

Swatch Bharat Abhiyan programme was conducted on 27th Oct, 2017. Prof.N.Subramoney gave a brief note on the significance of creating a mind set for declaring our campus litter free and listed the activities that fall into the main stream of the objectives of a Swatch Bharat. Dr. Syed Ariff, Principal, and Prof. Saul Dev, Dean gave the message. This followed an effective video presentation of TEDx Ugly Indian. The students with the respective department staff went to clean in the locations allotted. The cleaning activity went on for nearly two hours filled with energy, excitement and fun.

Department Activities

Department of Mechanical Engineering Papers Published / Presented:

- Mr.Prabhakaran. M.N, Asst. Professor and Mr. Sampath. A , Asst. Professors has published a paper titled “Prototype designing of coin based sensing water filling system” in International Journal of Engineering research and Technology (IJERT) ISSN 2278 - 0181.
- Mrs. Anitha Devi. S. H and Sri. Phuthi. H.M has registered for Ph.D. under VTU–Belgaum.
- Mohan Kumar. K, Associate Professor has presented a Paper Titled: “Tribology of Silicon Surfaces: a review” at IConAMMA_2017 held at Amrita University, Bengaluru; and the same is published in Scopus Indexed Journal of Materials Today Proceedings of Elsevier Publications.

Guest lecture

- A Guest lecture on “Automobile simulation and scope of job opportunities” was delivered by Mr. Sreenivasulu from FORD on 21/9/2017.
- A Guest lecture on “Finite Element Method and Structural Analysis” was delivered by Mr. RajaSekhar T from TATA ELXI on 13th October, 2017. Coordinated by Dr. Narasimha.C, Associate Professor.



Guest lecture delivered by Mr.Rajasekhar T

Industrial Visit

- The Final Year students were taken for an industrial trip from 23/04/2017 to 27/04/2017. They visited various places surrounding the Konkan. The trip included warfare museum at Karwar, the aqua museum at Goa, and the Chapora fort at Goa. The students were immensely benefited with knowledge of various ships and its uses during the warfare, the various kinds of Aquatic Creatures under the ocean bed. The visit was sponsored by the Management headed by Dr. T.VenkatVardhan.
- The third year students visited Indian Space Research Organisation (ISRO) in Bangalore on September 27th 2017, accompanied by Dr.Narasimha.C. The students interacted with the scientists, who gave them insights into the research projects and the scope of work at ISRO.



Students and staff during the visit to ISRO in B'lore

Industrial visit

A one day Industrial Visit to “HMT Machine Tools Centre”, Bangalore was organized on 6th September 2017 for 3rd and 5th semester students. Dr. Narasimha.C and Mr. Iqbal Pasha have joined the visit. Students had practical insights about Heavy Duty lathes, Radial Drilling Machines, CNC Turn Mill Centers, Heat Treatment Section and mainly Foundry section which helped the third semester students to gain the practical exposure of their foundry theory subject.



Students and staff during the visit to HMT Machine Tools Centre in B'lore

Ph.D Completed

The President, Principal and Staff of Dr.TTIT Congratulates Dr. N. Lakshmipathy, HOD, Department of Electrical & Electronics Engineering, for successfully completing Ph.D at NITK, Surathkal on “Study of Illumination System in Surface Mining Projects and Development of Optimum Lighting Design Parameters”

Department of Electrical & Electronics Engineering

Papers Published / presented :

- Dr. Lakshmipathy N and Sumanth B R published paper in "International Journal of current advanced research (ISSN 2319-6475, Certified Journal, Volume 6, Issue 5, and May 2017)" in "Design of Street Lights Powered by Solar Power Systems.
- Mrs.Veena B, Ashwathi A, Esther Ruth R, Brindha M D published paper in "International Research Journal of engineering and technology (ISSN 2395-0056, Certified Journal, Volume 4, Issue 5, May 2017) in "micro energy harvesting using piezoelectric material"
- Mrs. Sri devi A, Bindu Bhargavi D, Jayashree J and Malashree G published paper in "International Research Journal of engineering and technology (ISSN 2395-0056, Certified Journal, Volume 4, Issue 6, June 2017) in "PLC Based smart grid application to curtail and connect renewable energy sources to the grid".
- Mr. Ronald Lawrence J., Vamshi Krishna V, Pradeep Kumar S and Ramesh Babu N published paper in "International Research Journal of engineering and technology (ISSN 2395-0056, Certified Journal, Volume 4, Issue 7, July 2017) in "Street light Automatic Intensity controller".
- Mrs. Dhanalakshmi.V published paper in "International Research Journal of engineering and technology (ISSN 2395-0056, Certified Journal, Volume 4, Issue 6, June 2017) in "wireless power transmission from solar input"
- Mr. B. Somashekar, Lavanya C K, Pooja S A and Revathi S published paper in "International Journal of recent and innovation trends in computing and communication (ISSN 2321-8169, Certified Journal, Volume 5, Issue 5, May 2017) in "Generation of high voltage DC using Diodes and capacitor in ladder network".
- Mona Swetha.V, Suganya.G and Shilpa Shree Pola.R presented a paper on "wireless monitoring and protection of a transformer using Zigbee" on 29th May 2017 at CBIT, Kolar under the guidance of Mr. David Livingston.D.
- Lavanya C K, Pooja S A and Revathi S presented paper in "second International conference in "Generation of high voltage DC using Diodes and capacitor in ladder network" on 10th May 2017 in AMCEC, Bangalore under the guidance of Mr.B.Somashekar.
- S Dinesh, Samarajan R Punith Kumar S presented a paper on "Smart grid based on renewable resource (solar and wind energy) "on 29th May 2017. at CBIT, Kolar under the guidance of Mr. Dayananda B R.

Students achievements

Dr. TTIT Congratulates Ms. Jigyasa Chand, 6th Semester Student of Electrical & Electronics Engineering, whose Paper titled "Technology: Changing the way we learn" won the "Best Paper award" in the One Day District Level Seminar on "One world Different Perspectives – Education System" organized by Shree Bhagawan Mahaveer Jain College, KGF on 7th March 2017.

Workshop Attended

- Mr. Ronald Lawrence J, Assistant Prof., Attended a one day workshop by ELT @ IBesig at TCS, Bangalore on 8th JULY 2017
- Arunkumar .M S, Muniraja M J, Sumanth B R and Dibyajyoti Nandi of 8th semester participated in two day national work shop on " solar PV systems-challenges and prospects " held at VIT university, Vellore.
- Mr. Raj Suriya M, Mr. Nadeem, Mr. Rahul Kumar, Mr. Shivanand. Students of 6th Semester and Mr. Ajay, 4th Sem attended Two Days workshop on PCB Design on 11th and 12th March 2017 at BMS College of Engineering, Bengaluru.
- Mr. Ayub Hussain and Mr. Thilak Kumar, the Non Teaching Staff attended a Two Days Workshop on "Grounding of Electrical Installations" on 29th and 30th December 2016, that was organized by Department of Electrical & Electronics Engineering at Acharya Institute of Technology, Bengaluru.

Students achievements

- Arun kumar .M S, Muniraja M J, Sumanth B R and Dibyajyoti Nandi presented a paper on " Study on the effect of dust accumulation on solar PV panels in iron ore mines, India " on 29th May 2017 at CBIT, Kolar under the guidance of Dr.Lakshmipathy N.
- Bindu Bhargavi D, Jayashree J, Malashree G presented a paper on "PLC Based smart grid application to curtail and connect renewable energy sources" on 29th May 2017 at CBIT, Kolar under the guidance of Mrs. Sridevi.
- Mr. Ronald Lawrence J. Vamshi Krishna V, Pradeep Kumar S and Ramesh Babu N presented a paper on "Street light Automatic Intensity controller" on 29th May 2017 at CBIT, Kolar under the guidance of Mr. Ronald Lawrence J.
- Indhu G, Sangeetha V and Lisha R presented a paper on "wireless power transmission from solar input" on 29th May 2017. at CBIT, Kolar under the guidance of Mrs. Dhanalakshmi V

Industrial Visit

The Final Year Students were on an Industrial visit to SUPA Hydro Electric Power Plant at Dandeli. The tour was sponsored by the Management headed by Dr. T. Venkat Vardhan. Through this tour, the students got an in depth knowledge on Hydro Electric Power Generation happening at SUPA. The tour was Coordinated by Mr. Ronald Lawrence. J, Asst. Prof. and nonteaching staff's Mr. Ayub Hussian, Mr. Rajkumar and Mr. Balamurugan accompanied the students.



Visit to SUPA Hydro electric power plant ,Dandeli

Project Consultancy

- A Consultancy Project for M/s. High Grip Granite, Mallapuram District, Kerala was carried out to assess the safety of the overhead water tank (capacity of 32 lakh liter) located 250m away from the blasting site.
- The ground vibration and the rock characteristics were assessed by the team, consisting of Dr. Syed Ariff, Principal, the investigator, Mr. G H Kotnise, Asst. Professor and Mr. John Gladeous, Asst. Professor, Dr. T. Venkat Vardhan, President, GVET congratulated the team.



Visit to SUPA Hydro electric power plant ,Dandeli

Department of Mining Engineering Papers Published / presented :

- Mr. Paul Prasanna Kumar, Dr. Murugan, P.V. Prakaash "Automotive Collision Avoidance and Tracking System" Proceedings of National Seminar organized by PESIT, Bangalore on 6 May, 2017.
- Mr. Vijaya Raghavan, Ch.S.N. Murthy. "Prediction of Specific energy in rock cutting with Artificial Neural Network" Proceedings of International Conference on Future Trends in Engineering and Business (Future Trends 2017) Organized by International Organization of Scientific Research and Development (IOSRD), on 26 & 27 May 2017, Chennai, India,
- Mr. Vijaya Raghavan, Ch.S.N. Murthy " Study on Assessment and Prediction of Specific energy in rock cutting with Artificial Neural Network (ANN) " I n d i a n Journal of Engineering, 2017, 14(37), P167-190.

Guest Lecture

- A Guest Lecture was delivered by our Alumnus Mr. Jai Pragalathan, (AGM, Mines) on the topic "Advanced Surface Mining" for the students of Mining Engineering on 16th February 2017.

Project Consultancy



View of Mallapuram Consultancy project



President Congratulating the consultancy Project team

Department of Computer Science Engineering Papers Published / presented :

- Mrs.Sudha V, Asst Prof. published a paper on “Ensemble Multivariate Model for Multivariate forecasting in cloud” International Journal of Scientific Engineering & Technology Research ISSN 2319-8885 Vol 5 May 2017.
- Ms.Revathi S, Asst Prof. published a paper on “A Survey on Different Files Handling Mechanism in HDFS” in International Journal of Engineering & Technology Vol 4 Jun 2017.
- Mrs. Leelavathy S R, Asst Prof. published a paper on “An Approach to localization in wireless sensor network using multidimensional scaling and distance vector hop” International Journal of pharma and Biosciences ISSN 0975-6299 Vol 7 [Scopus Indexed].
- Mr.Syed Thouheed Ahmed S, Asst Prof. published a paper on “ICT's Role in Building and Understanding Indian Telemedicine Environment: A Study”, in Springer, LNNS Series Dec 2017 [Scopus Indexed].
- Mr.Syed Thouheed Ahmed S ,Asst Prof. published a paper on “Real Time Bio-Medical Recursive Image detection Algorithm for Indian Telemedicine Environment”, in Springer, Advances in Intelligent Systems and Computing (AISC) Dec 2017 [SCI and Scopus Indexed].
- Mr.Syed Thouheed Ahmed S ,Asst Prof. published a paper on “[Cataract Density Ratio Analysis under Color Image Processing Approach](#)” in IEEE Conference ICICCS-Madurai ISBN: 978-1-5386-2745-7 June 2017.
- Mr.Syed Thouheed Ahmed S ,Asst Prof. published a paper on “[A Study on Multi Objective Optimal Clustering Techniques for Medical Datasets](#)” in IEEE Conference ICICCS-Madurai ISBN: 978-1-5386-2745-7 June 2017.

Industrial Visit

The Final Year students visited Dandeli, GOA, Murudeshwara and TCS, Bangalore from 27/4/17 to 2/5/17. Mr. Manjunath Singh, Asst.Prof, and Ms. Sandhya, Asst.Prof. accompanied the students. The visit was sponsored by the Management headed by Dr. T. Venkat Vardhan.

Seminar

The Students attended a seminar organized by Bayesian Networks on Artificial Intelligence on 18-Sept-2017 at Hotel Hayat, Bangalore. The event was coordinated by Mr. Pankaj Kumar, Assistant Professor, Dept. of CSE, Dr.TTIT.

Department of Department of Electronics and Communication Engineering Papers Published / presented :

- Shilpa.S, M.Tech Student, Prof. Ruckmani Divakaran, HOD, published paper on “Design and Development of a Wireless Video Transmission System using Adaptive Channel Coding Techniques” IJIRCE Volume-5 Issue- on 5th May -2017.
- Naveen Kumar.V, M.Tech Student, Mrs.Vijayalakshmi G V, Associate Professor, published paper on “Design and Development of a Novel Technology for Smart Irrigation” IJCSIS-ISSN 1947-5500 May-2017, Volume 15 Issue-5.
- Deepa.B.M, M.Tech Students, Mr.Praveen Kumar V, Assistant Professor, published project paper on “Implementation of Network on Chip (NOC) For High Speed Applications on Vertex 5” IJCSIS-ISSN 1947-5500 , Volume 15 Issue-5 May-2017
- Amreen Taj C, Annapoorna M, Deepika K H, Keerthi Kumari B.A, Final year students, Ms. Kanimozhi S, Asst. Professor, published project paper on “Diagnosis of Exudates in Retinal Image by Using Support Vector Machine” IRJET Volume-4 Issue on 5th May 2017.
- Bhavani .N, Kasthuri N, R.A. Varun, Bhavya N, Final year students, Mr. Mohan N, Asst. Professor, published project paper on “Road Surface Analysis Using Digital Image Processing Technique”. IJERT Volume-6 Issue- 6 June 2017.
- G. Vinusha, Gowramma .V, Harshitha .H, M. Vani, Final year students, Mr. Rajesh Kaushal Kumar, Asst. Professor, published project paper on “Automatic Waste Segregator and Garbage Collection Bin Overflow Indicator Using GSM. IJAST - ISSN 2229-5216 May 18th 2017
- U. Swetha Kumari, Sweety .S, Vinithprabhu H, Final year students, Ms. Supriya K.V, Asst. Professor, published project paper on “Design and Implementation of Fuel Metering Unit For an Aero Engine” IRJET Volume-4 Issue-5 May 2017.
- Mohamad Ashiq A, Rohith J, Arun Kumar B, VIII Semester students, Mr. Shashi Kiran S , Asst. Professor, published project paper on “True Motion Estimation Algorithm and its application to motion Compensated Temporal Frame Interpolation”. IJREEICE Volume-5, Issue-5 May 2017.
- Mehtab Ahmed, P.Sanchana, Bhaskar Naik.L , Final year students, Mr. Srinivasa Babu N, Asst. Professor, published project paper on “Automatic Temperature Control and Maintenance of Cold storage system using IOT”, IJAST - ISSN 2229-5216 -May 18th 2017
- Soniya.L, Sowmya .B, N. Sushmitha, Shilpa Rajan, Final year students, Mrs. ManjushreeK Chavan, Asst. Professor, published project paper on “Detection of Object Based Forgery in an advanced video by Steganalysis Features” Journal of the Institute of Engineers(India) June-2017.

- Nalini P , Revathi R, Vinitha Shree G R , Kutija Kubra , Ms.Tamil Vani R ,Asst Professor,Published project paper on" RFID and Pose Invariant face recognition based automated security system" IJARCC,Volume 6 Issue 5 May 2017.

Students achievements:

- Amrutha .S,Anusha .J , Madhavi .K.R, Nagamani .N, Final year students, , presented paper on Intelligent Parking Management System Based On Image Processing Using Color Detection Method, NCRTEC 2017, CBIT Kolar, IJLEMR under the guidance of Prof. RuckmaniDivakaran
- Sowmiya .S, Supriya.K, Swathi.V, V.Vidyashree, Final year students, Associate Professor, presented paper on "Gabor Ternary Pattern Based Partial Face Recognition". Emerging Trends in VSI, Embedded & Networking at Brindavan College of Engineering under the guidance of Mrs.Vijayalakshmi G V
- S. Husnaanjum, R. Gayathri, R. Niveditha, Sandhya Rani .P.A, Final year students, presented paper on " SVM Based Tomato Leaves Disease Detection" NCRTEC 2017 at CBIT Kolar under the guidance of Mrs.Mamatha V.
- G. Vinusha, Gowramma .V, Harshitha .H, M. Vani, Final year students presented paper on " Automatic Waste Segregator and Garbage Collection Bin Overflow Indicator Using GSM. IJAST - ISSN 2229-5216 at Vidya Vikas Institute of Engineering and Technology , Mysore under the guidance of Mr.Rajesh Kaushal Kumar.
- Mehtab Ahmed, P.Sanchana, Bhaskar Naik.L , Final year students presented paper on "Automatic Temperature Control and Maintenance of Cold storage system using IOT", IJAST - ISSN 2229-5216 at Vidya Vikas Institute of Engineering and Technology , Mysore under the guidance of Mr.SrinivasBabu N.
- Indhumathi, Malini P, Ayesha Farheen, Reenu Evangaline, Final year students presented paper on "Digital Stethoscope For Heart Sound Analysis". NCRTEC 2017 at CBIT Kolar under the guidance of Mrs. Inbalatha K
- Naveen Kumar V ,Final year M.Tech student participated in "National level inter college project competition Pratira-2017" and demonstrated his project titled "IoT Based Smart Irrigation" on 17th May 2017.

Workshop attended

Mrs.Vijayalakshmi G V attended two day workshop on "Biomedical image and signal processing using MATLAB"held during 6th to 7th February 2017 at BMSIT, B'lore.

Best Paper awarded to ECE Students

The " Best paper award" for the paper titled " GTP based partial face recognition" in the National conference on Emerging trends in VLSI, Embedded and Networking(NC_EVEN 2017) held at Brindavan College of Engineering, Bangalore on 11 the May 2017. As an award they received a Citation and Trophy.Dr. T. Venkat Vardhan , the President has always been encouraging our students to compete and win, gave away cash prize in recognition of their achievement.



Students with President, Principal and Guide

Industrial Visit

The final year students were on a Industrial visit and excursion to North Karnataka and Goa region which was sponsored by the management headed by Dr.T Venkat Vardhan. The students visited SUPA Hydro Electric Power Plant of KPTCL as part of the industrial visit where in the students gained practical knowledge of operating and Implementing high power electronic devices ,the students also visited surrounding places in Hubli, Dandeli, Goa, Karwar, Gokarna and Yana region on the days 27/4/17 to 30/4/17 The visit was Coordinated by Mr. Rakesh B N ,Asst. Professor ,Mr. Prasanna Balasubramanyam S, Asst. Prof.essor ,and Miss.Tamilvani R Asst. Professor accompanied the students



Visit to SUPA Hydro Electric Power Plant ,Dandeli

Guest Lecture

Mr. Sridhar.M, Lead Threat Analyst, PALADION NETWORKS, gave a Guest lecture on topic "A Crucial Hour in the Life of a Cyber Security Analyst" for 3rd and 4th year students on the Engineers day 15th September 2017 under Institute of Engineers (India). The Students got an insight in to various security issues and services. The session was interactive and they were able to connect theoretical concepts practically. Programme was co-ordinated by Prof. Jenitha A, Associate Professor and Prof. Manjunath Babu N S ,Asst. Professor of Mechanical department.

Department of Civil Engineering Survey Camp :

- Extensive Survey camp was conducted at Kaivara Village, Chintamani Taluk, and Chikkabalapur dist. for the 6th semester students from 10th to 20th January 2017 they were accompanied by Ms.Divya K S, Asst. Professor, Ms.Silviya L, Asst. Professor and Mr.Teerthanandasagar C.S, Asst. Professor.
- **Workshop Attended :**
- 4th and 6thsem Students and faculty members attended workshop on "Perceptive Insight of Transportation System for Smart Cities" held on 5th April 2017 at Cambridge Institute of Technology, Bangalore.
- Mr.Teerthananda Sagar C S, Asst. Professor has attended National level workshop on "Innovative Design and Construction Practices In Highways, Bridges & Flyovers" from 15th to 17th March 2017, organized by Global Academy of Technology, Bangalore.
- **Students Achievement :**
- Nikil, Priyanka P and Sandhya H R from 4thsem participated in poster making competition and won 2nd prize at SJCI Chikkabalapur in the technical event "INNERVE".

Department of Physics Lecture Programme attended

M Unu Salma, Asst Professor and Pavandhan M Asst. Professor, participated in Two-day lecture programme for Science teachers/Students conducted at Sri Bhagawan Mahaveer Jain First Grade college, K.G.F during 13 to 14th October 2017 under the extension lecture Programme of the center

Department of Mathematics Papers Published / presented

- Mrs. Suguntha Devi K., Associate Professor has presented a paper on "Finite element solution of Poisson Equation over polygonal domains using an explicit integration scheme and a novel auto mesh generation technique" in the UGC sponsored two day "in the National Conference on Recent advances in Mathematical Science-2017" held at Government Science College, Bangalore on 9th and 10th February 2017.
- **Workshop attended**
- Ms. Shailaja S.R., Assistant Professor and Mrs. Sandhya K.G., Assistant Professor attended the 2-day science academics lecturer workshop on Fourier Analysis and Applications held at School of Graduate Studies, Jain University, Bangalore on 16th and 17th February 2017.

Professional development Workshop attended

Prof. N. Subramoney – HOD Estates and Professional Development, Ms. Dhanusha, Ms. Ashwini – Asst. Professors, Professional development and Mr. Ronald Lawrence. J, Asst.

Professor, Dept of EEE attended a One day workshop by ELT@ I Besig at TCS Premises on 8th July 2017.

Placement and Training Cell

Campus Recruitment Drive by TCS

- The Management, Principal and Staff Congratulates Mr. Mehtab Ahmed, 2017 Batch Student of ECE Department, who got placed in Tata Consultancy Services after successfully undergoing TCS IT Employability Training Program in our campus/

FACE Placement Training

- Placements training program for all 7th Semester students on 12th October 2017 by one of India's Largest Skill Development Company, F A C E (Focus Academy for Career Enhancement). The training was held in October-November 2017 which enhanced the skills of the students.

Workshop on Agile Manufacturing

The Placement cell Organised a Workshop on Agile Methodology by Mr. Naveen Benedict (Senior Manager for Enterprise Solutions in TCS), on 13th May 2017 for the 6th Semester students of

CSE/ECE/ISE/EEE

Sports activity

Inter Branch Volley Ball Tournament

Inter Branch Volley Ball Tournament was held on 17th February 2017. In the Finals between Mining and Mechanical Teams, Mechanical Team won the match.



Mechanical Team with Mr. A. V. Srinivasa Reddy

Inter Branch Football Tournament

Inter Branch Football Tournament was held on 23rd February 2017. In the finals between Mechanical and Mining , Mechanical Team won the Tournament.



Winners (Mechanical Team)

Inter Branch Cricket tournament

Inter Branch Cricket tournament was held from 24th to 26th February. In the finals between Mechanical and First Year students, Mechanical Team won the match.



Winners of cricket tournament

Inter Branch Basket ball tournament

Inter Branch Basket ball tournament was held on 27th February to 1st march 2017. Finals held between mining & mechanical branch. Mining Team wins the basketball tournament



Winners (Mining team)

Athletic meet

Dr.TTIT's Annual Athletic Meet was conducted on 5th March 2017. The students participated in large numbers. The meet was inaugurated by Dr. Syed Ariff, Principal . Mr. A. V. Srinivasa Reddy,PED along with other faculty members coordinated the events.



Winners (Mechanical Team)

Overall Sports Champions of the year

The Overall Championship in sports for the year 2016-17 was won by Mechanical Engineering Department. The Trophy was given away by Shri. Yuzvendra Chahal, ODI Cricketer and RCB Star Bowler during College Day Celebration on 22nd March 2017.



Mr. Yuzvendra Chahal distributing the overall championship trophy to mechanical department

VTU Football tournament

- Dr.TTIT Football team is participated in the VTU North Zone Inter Collegiate Football tournament from 4th to 5th April 2017 at Acharya Institute of Technology, Bengaluru. Our team reached quarter finals against Dr.SSSEC .

Participation in VTU Single zone cross country Race

- The students participated in VTU Single Zone Cross Country at KIT, Tiptur held on 5th April 2017.

IPL 2017

- Students of Dr.TTIT enjoyed the cricket match of the IPL Season 10 at Chinnaswamy Stadium, Bengaluru. The tickets were sponsored by Dr. T. Venkat Vardhan, President-GVET.



Students along with our president during IPL season 10

VTU Athletic Meet 2017

Dr. TTITans Participated in the 20th VTU Athletic Meet, which was held from 3rd to 6th November 2017 at VTU Belgaum.



Mr. AVS Reddy with our students during the march past

Mr. Rakesh. A, 7th Semester, Mechanical Engineering secured bronze medal in the Decathlon event in the 20th VTU Inter-Collegiate athletic meet 2017 at Belagavi.



Mr. Rakesh. A awarded bronze medal in Decathlon event

Mr. Kishore Raj S, 1st Sem Mechanical Engineering Secures Silver Medal in the Triple Jump Event in the 20th VTU Inter – Collegiate Athletic Meet at Belagavi.



Mr. Kishore Raj awarded silver medal in triple jump

Mechanical Wins Inter Branch Cricket Tournament

- Inter Branch Cricket tournament was held on 8th November 2017. Finals held between Mining & Mechanical branch. Mechanical Team won the match.

Students Participate in Dussera Sports

- Dr. TTIT Congratulates the students who participated and won in District Level Dussera Sports ,Kolar which was held on 9th September. The students took part in the State Level Competitions which was held on 15th and 16th September 2017 at Shimoga.

Alumni Visit

- Mr. Dhiraj Lal Durairajan, Team Leader at IBM India Pvt. Ltd., an alumnus of Mechanical engineering visited our college on 16th February 2017 with his family. He was overjoyed with the developments in the campus and expressed willingness to interact and deliver a guest lecture to our students in the coming days. The 2011 batch alumni of Mining Engineering; Mr. Anil Kumar. K, Asst. Manager, Rak Rock Pvt. Ltd, Mr. Dhanabal. R, Asst. Manager, ICL, Mr. Ravichandran. N, Senior Manager, Triveni Earth Movers Pvt. Ltd and Mr. Arunraj, G.M, Hutti Gold Mines Limited visited our campus on 1st March 2017. In a short interaction with the 6th Semester students of Mining Engineering they spoke about job prospects in mining sector.



Alumni of Mining Engineering with Principal

- Mr. Shoban, a 1994 batch Alumnus of Electronics & Communication Engineering visited our campus along with his wife Mrs. Lakshmi on 31st March 2017. Mr. Shoban, who is a Project Manager in HP was very impressed at the way the college has developed over the years. He had a brief chat with our Principal and said that he would visit the college once again for an interaction with the students after his business trip abroad.
- The 1995 Batch students of Mechanical Branch Mr. Mahesh Mane Nokia, Mr. Devaraj. K ,Asst. Prof., BMSCE, Mr. Madhusudhana A. S , General Motors and Mr. Sanal Nair , N.T. S Oman visited our campus on 24th June 2017. They met their teachers and reminisced their good old days. They were greatly impressed at the tremendous change that the college had undergone over the years. They were happy to meet Dr. T. Venkat Vardhan – President Gvet during their visit.



Alumni of Mechanical Engineering with President, Principal, Dean & HOD

- The NSS seven days special camp on Rain Water Harvesting was inaugurated on 04-05-2017 at Dr.TTIT Campus, Oorgaum, K.G.F, organized by the NSS Unit. Dr.Syed Ariff, Principal was the Chief Guest, Prof. N. Subramoney, HoD, Estate Dept Mr. Saul Dev, Dean, Dr..N.Lakshmiopathy, NSS Programme Officer were present.

Blood Donation camp

- The NSS Unit of Dr. TTIT, under its Programming officer Dr. N. Lakshmiopathy, organised BloodDonation camp on 28-04-2017, in our Student's Centre. In this Blood Donation camp, the Government General Hospital, Blood Bank, K.G.F, collected 52 units of blood and LIONS CLUB with Rajiv Gandhi general hospital, Blood Bank, Bangalore collected 80 units of blood. The organizers thanked Dr.TTITans for the overwhelming response in supporting the noble cause.

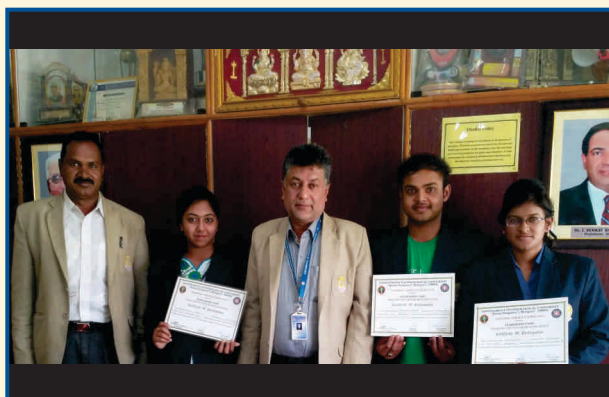


Students donating blood during the camp

- On October 7, 2017, Alumni from the 2015 batch of the ECE branch visited their former campus. Thirty of the Alumni gathered at the campus and took a trip down memory lane. They reminisced over the interactions they had experienced during their college years.

NSS activity

- Mr. Dibyajyothi Nandi, Ms. Sangeetha. V and Ms. Indhu. G, the 8th Semester students of Electrical & Electronics Engineering took part in the 'Seven Days Leadership Camp' Organised by VTU Belagavi from 1st to 7th April 2017. Dr. N. Lakshmiopathy, the Programming officer, NSS Unit -Dr.TTIT Coordinated.



Students with Dr. N. Lakshmiopathy, Dr.Syed Ariff



Students donating blood during the camp

Photo Gallery



Release of newsletter by the Guests during College day 2017



Inaguration by Mr.HarishaPrabhu, Guest of Honour Techno rush-2017



Students participating in technical quiz Techno rush-2017



Students participating in group dance -Gold Rush 2017



Students participating in group dance -Gold Rush 2017



Teacher's day Celebration



Teacher's day Celebration

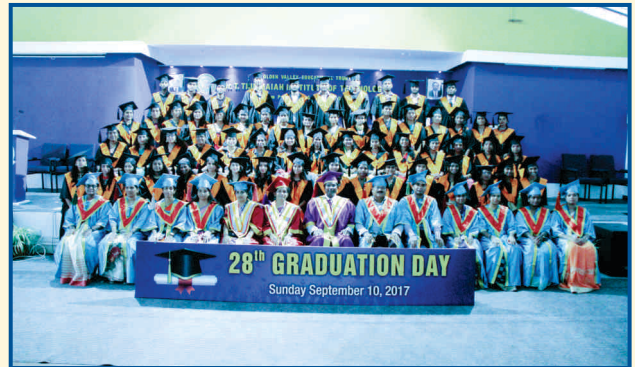


Ganesha Chaturthi Celebration

2017 Graduation day



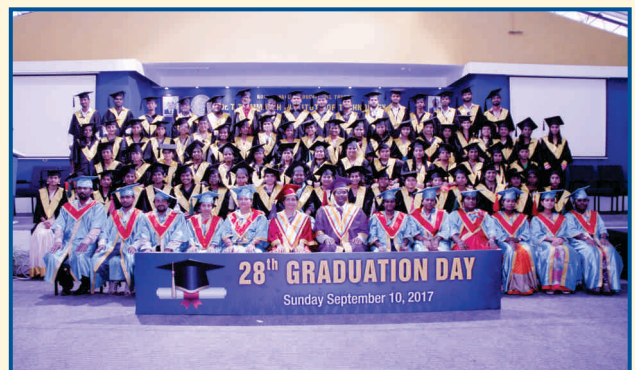
Mechanical Engineering



Computer Science Engineering



Electrical & Electronics Engineering



Electronics & communication Engineering



MINING Engineering



Information Science & Engineering





Golden Valley Educational Trust

Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

Oorgaum, Kolar Gold Fields - 563 120, Karnataka

Phone : 08153- 265413, 261219, Fax : 262309

Web: [www: drstit.edu.in](http://www.drstit.edu.in) | E-mail : principal@drstit.edu.in | www.facebook.com/drstit.