



NEWSLETTER   
**Dr. T. THIMMAIAH**  
**INSTITUTE OF TECHNOLOGY**  
JUNE 2018 | ISSUE - 12



Golden Valley Educational Trust

**Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY**  
Oorgaum, Kolar Gold Fields - 563 120, Karnataka  
Phone : 08153- 265413, Fax : 262309  
E-mail : [principal@drttit.edu.in](mailto:principal@drttit.edu.in) | [www.facebook.com/drttit](http://www.facebook.com/drttit).  
Web: [www.drttit.edu.in](http://www.drttit.edu.in)



## 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, 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. Kengal Hanumanthaiya 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

Dr. T. Venkat Vardhan 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. Kengal Hanumanthaiya, 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 Vidhana Soudha 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 Annual Award on 26th March 2016.



## PRESIDENT'S MESSAGE

Dr. T. Thimmaiah Institute of Technology has been serving many young engineering aspirants of our country for more than three decades. 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 am extremely happy to release the 12th edition of our news letter from January to June 2018. I take this opportunity to congratulate all the students who have been placed in the academic year 2017-18. I also expect that the students and their parents will continue to extend their support for the progressive development of the college. I wish all the students to excel in all fields and make their parents, Institution and Nation proud.

- Dr. T. Venkat Vardhan, President, GVET

## FROM THE EDITOR'S DESK



We are happy to release the 12th edition of the newsletter covering events from January to June 2018. This newsletter brings out all the important achievements of faculty and students and other development activities under taken 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. Syed Ariff, Principal



## EDITORIAL COMMITTEE

### CHIEF EDITOR

**Dr. Syed Ariff**  
Principal

### EDITOR

**Prof. Ruckmani Divakaran**  
Dean (Administration) & HOD, ECE

### MEMBERS

**Prof. H.G.Shenoy**, Vice principal  
**Prof. Sudersanan P. D.**, HOD, Mech  
**Prof. Lakshmipathy N.**, HOD, EEE  
**Prof. S. Sridhar Kumar**, HOD, CSE  
**Prof K. RAMESH**, Mining  
**Prof. Maneela M.**, HOD, Civil  
**Prof. Kalyan Kumar S.**, HOD, Maths  
**Prof. Saralashanthi J.**, HOD, Physics  
**Prof. Mohana K.R.**, HOD, Chemistry  
**Prof. Devika** Asst. Prof. ECE

## LIST OF TRUSTEES

<b>Dr. T. Venkat Vardhan</b>	President, GVET
<b>Sri. Raoul Kengal Vardhan</b>	Vice-President, GVET
<b>Sri. M. Bactavachalam, Ex-M.L.A.</b>	Secretary, GVET
<b>Sri. S. Harisha Prabhu</b>	Treasurer, GVET
<b>Sri. Brijesh Patel</b>	Secretary, KSCA - Trustee, GVET
<b>Sri. K.V. Venkatakrishna Reddy</b>	Trustee, GVET
<b>Sri. K.G. Nanjappa</b>	Trustee, GVET
<b>Sri. M. Narayana Reddy</b>	Trustee, GVET
<b>Sri. B. Manivannan</b>	Trustee, GVET
<b>The Principal, KGF FGC</b>	Trustee, GVET

## Rank Holders 2018 of VTU 17th Annual Convocation



**Mr. Parimi Chaitanya Phani Kumar**  
Mining Engineering



**Mr. Sumanth Bennihalli**  
Mining Engineering



## COLLEGE ACTIVITIES

## COLLEGE ACTIVITIES

## Gold Rush

The Three Day Techno Cultural Fest "**GOLD RUSH 2018**" from 22nd to 24th February began with the inauguration of "TECHNO RUSH 2018" by the Chief Guest Dr. Rajan Babu, Principal Scientist – National Institute of Rock Mechanics (NIRM).

The Annual Technical Fest of Dr.TTIT "**TECHNO RUSH**" was held on 22.02.2018. This year, the fest was organised by the departments of Mining and Civil Engg. Events like Paper Presentation, Circuit designing, C - Debugging, Survey hunt, Technical treasure hunt, Kaun banega tecnopati, Tech Extempore, etc.. was held. Many students took active part in the competitions. The winners were awarded during the Valedictory ceremony by Shri Keshava Murthy, Principal - KGF PU College and Dr. Mathews, Principal - Sri. Kengal Hanumanthaiah Law college. Various competitions like Rangoli, face painting, singing ,dance, mehandi , fashion show etc., were conducted with the fabulous DJ show.



Techno Rush 2018 , HOD's ,vice principal along with Dr.Rajan Babu, Scientist ,NIRM

## College Day

The College Day was an event full of glamour, fun, and enthusiasm glorified by the presence of Dr. M. S. Reddy, Registrar, Bangalore North University, Dr. T. Venkat Vardhan - President GVET, Shri. Raoul Vardhan - Vice President GVET. The event witnessed the release of College News Letter along with awarding the meritorious students.

The Official function was followed with performance by Golden Valley Choir, Group Dance, Short Film and instrument playing competitions. The three-day program culminated with Fashion Show.



Release of newsletter on college day by the dignitaries

## Dr. TTIT Music Band

Dr. TTIT's Music Band "**Golden Valley Choir**" participated in the Inter Collegiate Cultural Fest "**Chiguru**" at Cambridge Institute of Technology, Bangalore on 10th March 2018. They participated in Group Singing, Battle of Bands and Solo Singing events, in which Mr. Harish. P, 8th Sem Mechanical won 2nd Place with a cash prize. Dr. T. Venkat Vardhan – President - GVET congratulated and wished them well.



Dr. TTIT's Music Band team with President

## Guest Lecture

Mr. Raja Choudary - Head (Research & Development), Blue Vulture Technologies, Bengaluru delivered a Guest Lecture on 27/03/2018 to the students of ECE, EEE, CSE and Mech Department on topic titled "Potential Application of Robotics". The students had a good practical exposure of Physical model demonstration of Robot.



Mr. Raja Choudary delivering the lecture



## COLLEGE ACTIVITIES

## PEP TALK

Our Alumnus Mr. Immanuel. V, Senior Associate Consultant, SISA Information Security addressed the Final Year Students of Electronics and Computer Science Engineering on the career opportunities available and how to be prepare for a job. He also urged and guided the students to explore the online study resources available which will help them to improve their skills. The Pep Talk was organised by Mr. Nagaraj, Assistant Professor, CSE Department.



Mr. Immanuel. V with the Students

## LIC VISIT

The VTU's Local Inquiry Committee were in our campus on their routine inspection on 1st March 2018. The committee was happy about our infrastructure and appreciated the Management for taking necessary steps to develop the institution.



LIC team visit to Learning Center, Dr.TTIT

## Bio Diesel Awareness

Bio Diesel Awareness & Career Counseling Programme for the Final Year Diploma Students was conducted on 6th and 9th February 2018. Around 320 Students from Govt. Polytechnic Mulbagal, Mother Teresa Polytechnic, Kolar, School of Mines, KGF and VijayaLakshmi Polytechnic, KGF participated. Dr. Syed Ariff, Principal Dr.TTIT and Dr. H. G. Shenoy, Vice Principal Dr.TTIT addressed the students. Elaborate arrangements were made by the District Bio Diesel Information and Demonstration Centre for the programme.

## Workshop for SCANIA

## Phase-1

Two Week Workshop for its staff was inaugurated in our campus on 2nd May 2018 ,to enhance the skills of its staff. Mr. Richard Wardemark, Director P&L Truck and Buses, India and Ms. Smitha BU addressed the gathering. SCANIA, is a Swedish major manufacturer of heavy trucks and buses and has a Production Plant in Narasapura, Kolar.

The Director Mr. Richard Wardemark readily agreed to the request by our Principal Dr. Syed Ariff, for an MoU with our institute, during the interactive session.

Our Alumnus Mr. Azharulla Shariff, Assistant Manager, Process Engineering, SCANIA had been instrumental in persuading and coordinating this workshop in our campus.



Mr. Richard Wardemark interacting with students during inauguration

## Phase-2

18th - 29th June 2018

Forty five staff of SCANIA participated in the Workshop. They were trained in English speaking and writing skills, Personality Development - Public Speaking, Attitude, Self Motivation, teamwork etc.

The Participants were also briefed on Mechanical Engineering subjects like CAED, Solid Edge, CIM, Robotics, Quality Standards, Engine and Transmission Types, Measurements, Material Science and Technology etc.,

In the Valedictory, all the participants were given certificates. the participants expressed their happiness with the learning, infrastructure of the college as well as the hospitality rendered by Dr.TTIT. The workshop co-ordinated by Mr. Rajesh, along with the Computer science Department.



Participants after receiving certificates of SCANIA workshop



COLLEGE ACTIVITIES



Bio Diesel Awareness & Career Counselling Programme Inauguration

International Women's Day

March 8th is celebrated as International Women's Day. To Celebrate this day, the college had a gathering and tree Plantation programme which revolved around the theme "Press for Progress"; organized under STREAM by Prof. Sarala Shanthi J, HOD Physics along with staff of Dr TTIT and the staff of Dr. T. Thimmaiah PG Centre. Prof. Ruckmani Divakaran – Dean (Administration) and Dr. H. G. Shenoy – Vice Principal were present.



Women's day celebration by planting the trees by Dr.TTITians

VTU Youth Fest

Our Students participated in the 18th VTU Youth Fest "Kala Surabhi" at Angadi Institute of Technology, Belagavi from 11th to 13th April 2018. Members of The Golden Valley Choir participated in the Singing events while others participated in dance and other competitions.



Participants of VTU youth fest

TCS 150th Year Celebration

TATA Group's 150th Foundation Year Celebration under CSR activity at Dr. T Thimmaiah Institute of Technology, was conducted on May 11th, 2018 at Student Centre. As part of program, Department of Training and Placement along with 6th semester students conducted competitions like TPDP, TATA Quiz and Elocution and winner were awarded by TCS and got a chance to visit TCS Company.



TCS 150th Year Celebration

ISRO scientists visit to our campus

ISRO's Liquid Propulsion Centre Scientist and experts headed by Shri. Satish Chandra Kumar, General Manager, were in our campus on 15th May 2018 and conducted an outreach program. The event was organized and hosted by Department of Training and Placements and presided by Dr. Syed Ariff, Principal Dr. TTIT. Shri Narendra M, Scientist - Launch Vehicle Stage Assembly and Integration Facility who is also our Alumnus of 2001 batch, delivered a lecture on Launch Vehicle for ISRO space program.



Shri. Satish Chandra Kumar, addressing the gathering



ISRO scientist delivery lecture



COLLEGE ACTIVITIES

Yoga day

International Day of Yoga was observed in our college on 21st June 2018. The sisters and brothers of Brahma Kumari, KGF were the guests invited to the program that was organized by SREAM, Dr.TTIT where an awareness was created on the importance of Yoga, meditation and well being. Staff of our college and the employees of SCANIA who were undergoing personality development program attended the program.



Participants in action during Yoga day



Dr. Syed Ariff addressing the gathering on Yoga Day

World Environment Day



World Environment Day – 5th June is a day designated by the United Nations to bring awareness on protecting our environment. Dr.TTIT observed this day by planting saplings at various locations in the campus. Mr. Harisha Prabhu, Treasurer – GVET led the program by planting a tree along

with the staff of Dr.TTIT. The program was organized by STREAM – Dr.TTIT coordinated by Ms. Sarala Shanthi in which Staff of Dr.TTPGC & Dr.TTIT including Principal, Vice Principal, Dean, HOD's, Principals of KGF FGC and PU College attended.



## DEPARTMENT ACTIVITIES

### DEPARTMENT OF MECHANICAL ENGINEERING

#### Papers published/Presented

Mr. Balasubramaniam N S, Asst. Professor, presented a paper on "Compact test on duplex stainless steel" international conference on recent engineering science at SKIT, Bangalore on 17th April 2018.

#### Workshop attended

1. Dr. Narasimha C, Associate professor, attended three days FDP on "Machine learning using Python (Hands on training)" from 21st to 23rd June 2018 at Sri Ramakrishna Engineering college, Coimbatore, Tamilnadu.

2. Dr. Narasimha C, Associate professor, attended two weeks FDP on "Finite element method-1 and stress analysis" from 22nd January to 3rd February at Cambridge Institute of Technology, Bangalore.
3. Ten Technical staff attended 5 days industrial training program from 23rd to 29th January 2018 at Deccan Hydraulics Private Ltd.

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### Papers published/Presented

1. Mr. David Livingston Asst. Professor, Mrs. Dhanalakshmi, Asst. Professor, Monica Presented a paper on "Three phase Substation Current Monitoring, Data Recording and Automated Control", in RAEET 2018, Dr. TTIT, KGF on 21st May.
2. Jiyasa chand, Mr. Somashekar, B, Asst. Professor Presented a paper on "Implementation of Wireless Power Transfer System Using Inductive Magnetic Resonance Principle", in RAEET 2018, Dr. TTIT, KGF on 21st May.
3. Prabhu, Mr. Ronald Lawrence, Asst. Professor, Mrs. Subhashini, S, Asst. Professor Presented a paper on "Energy harvesting using Speed breaker Mechanism", in RAEET 2018, Dr. TTIT, KGF on 21st May.
4. Ashwini V, Somashekar, B, Asst. Professor "Autonomous Car" in RAEET 2018, Dr. TTIT, KGF on 21st May.
5. KarthiKa, Mr. David Livingston, Asst. Professor, Mrs. Dhanalakshmi, Asst. Professor Presented a paper on "Design and Implementation Of GSM Based Substation Voltage Monitoring and Control", in RAEET 2018, Dr. TTIT, KGF on 21st May.
6. Pavithra, S, Swetha, S, R, Vijayalakshmi, S, Mr. B. Somashekar, Asst. Professor, Dr. Lakshmi pathy N, Prof. HOD Presented a paper on "Nano Grid for Distribution System and storage", in RAEET 2018, Dr. TTIT, KGF on 21st May.
7. Nadeem, Mr. Ronald Lawrence, Asst. Professor, Mrs. Subhashini, Asst. Professor, Jillian Rufus J Asst. Professor, Presented a paper on "Power Generation Using Speed Breakers", in RAEET 2018, Dr. TTIT, KGF on 21st May.
8. Mr. Arun V, Asst. Professor, Presented a paper on "A high frequency Lithium ion battery charger for spacecraft application", in RAEET 2018, Dr. TTIT, KGF on 21st May.
9. Anjali, B, Mr. Somashekar, Asst. Professor, Dr. Lakshmi pathy N, Prof. HOD Presented a paper on "Wireless Power Transfer for Electric Vehicles Application Using the Principle of ICPT System", in RAEET 2018, Dr. TTIT, KGF on 21st May.
10. Kenzar R Paul, Mr. Dayananda B. R, Asst. Professor, Dr. N. Lakshmi pathy, Prof. HOD Presented a paper on "Monitoring Of Temperature and Humidity for Agriculture Using Wireless Sensor Network", in RAEET 2018, Dr. TTIT, KGF on 21st May.
11. Shivanand B Kadagad, Mr. Dayananda B. R, Asst. Professor, Dr. N. Lakshmi pathy, Prof. HOD Presented a paper on "Monitoring Soil Moisture Using Wireless Sensor Network", in RAEET 2018, Dr. TTIT, KGF on 21st May.
12. Rajsuriya, Mr. Dayananda B. R, Asst. Professor, Dr. N. Lakshmi pathy, Prof. HOD Presented a paper on "Wireless Sensor Network Based System to Monitor Nutrient Level in Soil" in RAEET 2018, Dr. TTIT, KGF on 21st May.
13. Rahul Kumar, Dr. Lakshmi pathy N, Prof. HOD, Mr. B. Somashekar, Asst. Professor, Presented a paper on "Laser Diode Efficiency Evaluation in Continuous Mode for Wireless Power Transmission" in RAEET 2018, Dr. TTIT, KGF on 21st May.
14. Minu Shruthi, Vijaya Shree, Dhanya Shree, Mr. Dayanand, Asst. Professor, Presented a paper on "Lightning Technology", in RAEET 2018, Dr. TTIT, KGF on 21st May.
15. Swetha N, Ms. Veena B, Associate. Professor, Mrs. Sridevi, A, Asst. Professor, Presented a paper on "To Monitor Power Line Parameters Using Smart Sensors", in RAEET 2018, Dr. TTIT, KGF on 21st May.
16. Tilak B S, Mr. Dayananda B R, Asst. Professor, Presented a paper on "Use of Phosphorous In Precision Agriculture Using Wireless Sensor Network" in RAEET 2018, Dr. TTIT, KGF on 21st May.
17. Lokavi N, Ms. Veena B, Asst. Professor, Mrs. Sridevi, A, Asst. Professor, Presented a paper on "Role of Internet of Things in the Smart Grid Technology", in RAEET 2018, Dr. TTIT, KGF on 21st May.
18. Vishwas, Hariprasad and Mrs. Dhanalakshmi, Asst. Professor, Presented a paper on "High Efficiency Photovoltaic Cells by Solid State Dye Sensitized Solar Cells.", in RAEET 2018, Dr. TTIT, KGF on 21st May.



## DEPARTMENT ACTIVITIES

19. Gautham Tilak, Mr. Ronald Lawrence, Asst. Professor, Mrs. Subhashini, Asst. Professor, Presented a paper on "Design and Performance of Electric Power Generation Using Speed Hump with the Help of Rack and Pinion Mechanism.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
20. Kirthiga G, Mr. B. Somashekar, Asst. Professor, Dr. Lakshmi pathy N, Prof. HOD, Presented a paper on "Design of WPT System and Performance Parameters using Matlab Programming for Electric Vehicle Application.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
21. Susan J, Ms. Veena B, Asst. Professor, Mrs. Sridevi A, Asst. Professor, Presented a paper on "Smart Grid Monitoring and Control System Using IOT.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
22. Manjunatha A V, Dr N Lakshmi pathy, Prof. HOD, Mr. B. Somashekar, Asst. Professor, Presented a paper on "Solar Panel Water Cooling To Enhance Panel Power Output."
23. N Bhavana, Dr. Lakshmi pathy N, Prof. HOD, Mr. Dayananda B R, Asst. Professor, Presented a paper on "Factors affecting Solar Cell Efficiency.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
24. Sharath R, Dr. N. Lakshmi pathy, Prof. HOD, Mr. Dayananda B R, Asst. Professor, Presented a paper on "Temperature effect on solar panel performance.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
25. Lakshmi devi M. N, Dr. N. Lakshmi pathy, Prof. HOD, Mr. B. Somashekar, Asst. Professor, Presented a paper on "Materials Used to Manufacture Solar Cell.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
26. Mohan Kumar D. M, Dr. N. Lakshmi pathy, Prof. HOD, Presented a paper on "Main Considerations for High Intensity Laser Beaming.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
27. Meghana K R, Dr. N. Lakshmi pathy, Prof. HOD, Mr. Dayananda B R, Asst. Professor, Presented a paper on "Laser Hazard Analysis", in RAEET 2018, Dr. TTIT, KGF on 21st May.
28. Yashasvi, Dr. N. Lakshmi pathy, Prof. HOD, Mr. B. Somashekar, Asst. Professor, Presented a paper on "Wireless Power Transmission Using Laser At Long Distances.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
29. Mrs. Daphny Shallet M, Asst. Professor, Presented a paper on "Enhancement Of Fault Ride Through Capability Of DFIG Based Variable Speed Wind Generator", in RAEET 2018, Dr. TTIT, KGF on 21st May.

30. Nelson John Antony D, Lakshmi pathy S, Kori Veerasha and Mrs. Dhanalakshmi., Asst. Professor, Presented a paper on "Dynamic Breaking in squirrel Cage Induction Motor.", in RAEET 2018, Dr. TTIT, KGF on 21st May.
31. Jigyasa Chand, Anjali. P. S, Kirthiga G, Mr. B. Somashekar, Asst. Professor, published a paper on "Wireless Power Transfer for Electric Vehicles Application using the Principle of ICPT System", IJRITCC, May 2018, Volume 6, Issue 5.

#### Workshop Attended

1. Dr. N. Lakshmi pathy attended faculty development program for student induction program by AICTE at SVCE, Bangalore from 21st to 23rd June 2018.
2. Dr. N. Lakshmi pathy, HOD, Mr. Ronald Lawrence, Asst. Professor attended 1st year model curriculum discussion at MSRIT, Bangalore.
3. Dr. N. Lakshmi pathy, HOD attended SAGY meeting under NSS unit organized by AICTE at DSCE, Bangalore on 24th May 2018.
4. Ms. Veena B, Associate Professor, conducted workshop on "Communication Skills" on 22nd June 2018 at Dr. TTIT for staff of Scania.

#### National Conference conducted

The 3rd National Conference on "Recent Advancement in Electrical & Electronics Technology – RAEET – 2018" was organized by the Department of Electrical & Electronics Engineering on 21st May 2018.

The Conference began with Welcome Speech by Dr. N. Lakshmi pathy, HOD EEE. Mr. Syed Shahabuddin Husainy - Assistant General Manager in Quality and safety wing, BESCOM, Kolar, Inaugurated the conference and delivered the Key Note address. This was Followed by Presidential Speech by Dr. Syed Arif, Principal, TTIT, KGF and vote of thanks by Dr. Shenoy H G Vice Principal, Dr. TTIT.

Papers were invited for the conference from Students, Faculties and researchers from technical institutes. We received 91 papers from our students and other college students. The Conference that was Chaired by Dr. Ganapathi D Moger – HOD EEE, EPCET, Bangalore.



Participants receiving certificates: RAEET - 2018



## DEPARTMENT ACTIVITIES

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Participants of RAEST-2018

### National Conference conducted

The 3rd National Conference on "Recent Advancements in Engineering Science and Technology (RAEST-2018)" was conducted on 09-05-2018. The main aim of Conference was to provide platform for academicians, students and research scholars to enlighten themselves among the latest developments in Engineering Science and Technology.

The Conference began with Welcome Speech by Prof. Ruckmani Divakaran, Dean (Academics) Dr.TTIT, which was followed by Keynote address on IOT and its Technology was presented by Dr. CN Narayana Swamy, Jain University, which was followed by Presidential Speech by Dr. Syed Arif, Principal, and vote of thanks was rendered by Dr. H G Shenoy, Vice Principal. The Conference was chaired by Dr GM Nisara, Head and Asst. Professor, Dept of Computer Application, Tirupur and Dr. CN Narayana Swamy, Jain University.

### Papers published/Presented

1. Mrs. Vinutha B A, Asst Prof, Tejas T R, Valentine B, Ambika B, Presented a Paper on "IoT Based Smart parking System" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.2. 26.
2. Mr. Manjunath Singh, Asst. prof, Karthick A S, Karthick M, Rahul Raj N V, Roundry R, Presented a Paper on "Advanced Smart Attendance Monitoring System Using Cloud For Storing Data And Wifi Module" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
3. Mrs. Punitha, F, Asst. Prof, Ayeesha Roshni, Kiran Jyothi B.T, Rini.D, Roushni Taj, Presented a Paper on "A Survey on Privacy Protection and Intrusion Avoidance for Cloudlet-based Medical Data Sharing Approach" in RAEST 2018, Dr.TTIT , KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
4. Mrs. Premalatha D, Asst. Prof, Aishwarya R, Khurathul Ayn Z, Kavya K G, Vignesh K M, Presented a Paper on "Energy-Efficient Architecture for Wireless Sensor Networks in Healthcare Applications" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.

5. Mrs. Thara Devi M, Asst. Prof, Keerthi Biradar, Naheeda Banu, Nida Farheen, Presented a Paper on "Design of Cluster Algorithm for Dynamic WSN with Optimized Energy Paradigm" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
6. Mrs. Sharmila Kumara N, Asst. Prof, Jyothi v, Monica P D, Mohammed Khan, Nisha Rani R, Pavithra C, Presented a Paper on "Face Detection based attendance monitoring system in colleges" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820
7. Mrs. Shalini G, Asst. Prof, Niveditha K B, Priyanka G N, Presented a Paper on "A SURVEY PAPER ON BIG DATA CHALLENGES" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
8. Mrs. Shalini G, Asst Prof, Presented a Paper on "A Survey paper on Security Challenges in Healthcare cloud computing" in NCICCND-2018, GSSS institute of Engineering & Technology for women, Mysore. On 28th April and Published in A1JR Proceeding DOI:10.21467.
9. Mrs. Santhosh Kumari, Y, Asst. Prof, Supriya Carolin S, Sneha.P, Anusha.B.R, Nivedha.K, Presented a Paper on "Real Time Automated Teller Machine(ATM) Based on Biometric Identification and GSM Technology" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
10. Mrs. Nisha Bai M, Asst Prof, Bindu V, Brinda C, Thamarai Vizhi R, Lavanya S, Presented a Paper on "Optimal Configuration Solution For Profit Maximization in Cloud Computing" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
11. Mrs. Chithra G, Asst. Prof, Sneha M, Sunil P V, Shruthi R, Sowmya L N, presented a Paper on "IoT Based Futuristic Trolley for Intelligent Billing with Amalgamation of RFID AND ArmLPC2148" in RAEST 2018, Dr.TTIT , KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820. Mrs. Mercy Flora Asst. Prof, Punith, Rakesh, Sanjay, Shery presented a Paper on "Minimizing Electricity Theft by Internet of Things" in RAEST 2018,

Dr.TTIT, KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.

12. Mrs. Sudha V, Asst. Prof, Harshitha R, Lydia A, presented a Paper on "A Security System for Detecting Ship Intrusion Using Image Processing and SVM" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
13. Mrs. Sudha V, Asst. Prof, Harshitha R, Priyanka R, Pavithra M, Lydia A, Presented a Paper on "Detection of Ranking Fraud for Mobile Applications" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
14. Mrs. Sudha V, Asst. Prof, Priyanka R, Pavithra M, Presented a Paper on "Smart Sensor Networks Data Evaluation Using Inverse Methods and Artificial Intelligence" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
15. Mrs. Sudha V, Asst. Prof, Shaziya Banu.A, Poojitha, Nilofer Taj, Presented a Paper on "Survey on Patient Health Monitoring System Using IoT & Arduino" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
16. Mrs. Sudha V, Asst. Prof, Shaziya Banu.A, Poojitha, Nilofer Taj, Presented a Paper on "Survey on Patient Health Monitoring System Using IoT & Arduino" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
17. Mrs. Revathi S, Asst. Prof, M Shruthi Nigade, Ronisha Basker, Sangeetha, Shilpa J P, Presented a Paper on "A Survey on Different Techniques for Black Money Deduction" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
18. Mrs. Revathi S, Asst. Prof, M Shruthi Nigade, Ronisha Basker, Sangeetha, Shilpa J P, Presented a Paper on "Machine Learning Algorithm for Smart Energy Management-ARIMA Model" in RAEST 2018, Dr.TTIT , KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
19. Mrs. Sophia S, Asst. Prof, Mohammed Ashraf, Mathew Sajjan S, Avinash S, Jansi Swetha M, Presented a Paper on "Proguard: An Efficient System To Detect Malicious Accounts In Social-Network-Based Online Promotions" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
20. Mrs. Sophia S, Asst. Prof, Mohammed Ashraf, Presented a Paper on "Image processing technique for Automatic control of power supply in classroom" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
21. Mrs. Leelavathy S R, Asst. Prof, Prathima C, Revathi C V, Roopa G, Pavani S, Presented a Paper on "Implementation of RSA Algorithm using Fog Computing" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
22. Mrs. Hamsalatha J, Asst. Prof, Alisha Erum K, Janani G S, Presented a Paper on "Implementation of Visual

Cryptography and OCR Techniques for Processing the Enhanced Password Mechanism" in RAEST 2018, Dr.TTIT, KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.

23. Mrs. Hamsalatha J, Asst. Prof, Likitha V, Roshini R S, Presented a Paper on "Effective Cyber Security Architecture for Distribution Management System Using Cyber Security" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
24. Mr. Syed Thouheed Ahmed S, Asst. Prof, Ashwini S, Divya C, Madhura Shetty, Pravina Anderi D, Presented a Paper on "A Study on Big data Components Architecture on Hadoop" in RAEST 2018, Dr.TTIT , KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
25. Mr. Syed Thouheed Ahmed, Asst prof Presented a Paper on "Tweeter data Analysis using RealTime Optimize Sentimental Machine Learning Algorithm using Hadoop" and Published in Volume :118, No-19, International Journal of Pure & Applied Mathematics (Scopus) Feb 2018.
26. Mrs. Nagaraj S, Asst. Prof, Cyril Rajan Y, Abishek P V, Chithra P, Rekha S, Presented a Paper on "Design of an IoT based autonomous vehicle with the aid of computer vision" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
27. Mrs. Apporva D, Asst. Prof, Afzal Khan, Shebin Mathew, Hanusha T, Presented a Paper on "Smart integrated campus using IOT" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820

### Students achievements

1. Bhumika.P, Anusha.B, Ishwarya.B, Anis Rizwan.D, 6th Semester Students Presented a Paper on "Wireless 5G Technology" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820
2. Suma H, Shree Lakshmi J.R, Sindhu M, Shree Ranjani J, 4th Semester Students Presented a Paper on "A Survey on IoT Protocols for End To End Connectivity and Some of Security Protocols" in RAEST 2018, Dr.TTIT, KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
3. Velantina, Veda bai, Sukruthi, 6th Semester Students Presented a Paper on "Futurity of Big Data" in RAEST 2018, Dr.TTIT ,KGF on 9th May and Published in IJEECS-UGC Approved ISSN:2347-2820.
4. Likitha V, Roshini R S, 8th Semester Students Presented a Paper on "Effective Cyber Security Architecture for Distribution Management System Using Cyber Security" in NCICCND-2018, GSSS institute of Engineering & Technology for women, Mysore on 28th April.
5. Alisha Erum K, Janani G S, 8th Semester Students Presented a Paper on "Implementation of Visual Cryptography and OCR Techniques for Processing the Enhanced Password Mechanism" in NCICCND-2018, GSSS institute of Engineering & Technology for women, Mysore on 28th April.



## DEPARTMENT ACTIVITIES



## DEPARTMENT ACTIVITIES

### Workshop attended / conducted

1. Conducted workshop on IoT and its Application with ECE department for 4th,6th,8th semester students from 19th to 21st March 2018.
2. Conducted workshop on "PYTHON" programming by Mr.Nagesh, Kayaka Computer Education Pvt Ltd,Bangarpet on 27th April 2018.
3. Industrial visit to Tata Consultancy Services for 6th semester students,headed by Mr.Vijay Kumar and to impart the knowledge about software development life cycle process and agile methodology on 3rd April 2018.
4. Eleven day workshop for Scania company employee regarding Computer Knowledge was conducted by CSE faculty members.
5. Faculty Development Programme attended by Mr.Syed Thouheed Ahmed & Mr.Manjunath Singh Asst Professors on "Machine Learning Applications" from Tata Consultancy Services contact at New Horizon College of Engg ,Bangalore on 20th January 2018.
6. Mr.Syed Thouheed Ahmed & Mr. Nagaraj S Asst Professors attended CISCO Certified Academy Instructors (CCAI) Training at Amrita Vishwa Vidyapeetham, Coimbatore from January 22nd to Feb 3rd 2018.
7. A one Day Workshop on "TIPS TO CRACK THE INTERVIEWS" was organised by department of Computer Science and Engineering on 7th April 2018. The workshop was conducted by Mr. Anil Kumar H, Senior Software Engineer in Bosch.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### National Conference conducted

A one Day National Conference on "Recent Advancements in Engineering Science & Technology" was conducted by the Department of Electronics & Communication Engineering on 9th May 2018. This National Conference provided a platform for the young researchers, academicians and students to share their novel idea and expertise for technological developments. More than 150 participants took part in the conference.

Participants from various Engineering colleges like EP CET, Brindhavan College, CBIT, SJCIT along with Dr.TTITans participated and presented papers. The proceedings and the CD were released during the inauguration. The conference was chaired by Dr.Vijay Kumar, EW CET and Prof. Venkatesha, Brindavan college of Engineering.



Students with certificates along with faculty members-RAEST 2018

### Papers published/Presented

1. Prof. Ruckmani Divakaran, HOD & Dean (Administration), Suganthi S. K, Shyla Kumari I, Sindhuja R, Sushma V, presented a paper on "An Area Efficient Implementation of Feedforward FFT Architecture", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
2. Mrs. Vijaya Bharathi M, Associate professor, Prof. Kaustab Ghosh, Prof. Priyanka Paira published a paper on "Water-mediated green synthesis of PbS quantum dot and its glutathione and biotin conjugates for non-invasive live cell imaging" Royal Society open science journal, Volume 5, issue 3, January 3rd 2018 .
3. Mrs. Vijaya Bharathi M, Associate professor, Prof. Kaustab Ghosh, Prof. Priyanka Paira published a paper on "Surface immobilization of Biotin-DNA conjugates on polystyrene beads via SPAAC for biological interaction and cancer theranostic application", New Journal of Chemistry, Volume 42, issue 11, 17th April 2018, DOI:10.1039/C8NJ00814K .
4. Mrs. Vijaya Bharathi M, Associate Professor, Ms. Devika S, Asst. Professor, Sneha.H, Mahesh.M, Shwetha.N, Sowmya.S, presented a paper on "Forward Error Correcting Implementation using Convolution Encoder and Viterbi Decoding", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
5. Mrs. Vijayalakshmi G V, Associate professor, Neha , Jhansilakshmi, Jabeen Firdous, Priyanka U presented a paper on "Design and implementation of security system for ship intervention." at 2nd national conference NC-EVEN 2018 in Brindavan college of engineering, Bangalore.
6. Mrs. Vijayalakshmi G V ,Associate professor, presented a paper on "HOG based Gesture recognition for human computer interaction " , in RAEST 2018 , Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
7. Mrs. Vijayalakshmi G V, Associate professor, Manusha S, Monisha K, Rakshana V , Resha R presented a paper on "Brain Cancer Detection Using Image Fusion", in RAEST 2018 ,Dr. TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.



## DEPARTMENT ACTIVITIES

8. Mrs. Jenitha A , Associate professor , Dhana Lakshmi P, Jagannathan B, Niranjanaiah M G, Priyanka R, presented a paper on "A Personal Assistive System for Monitoring Calorie and Nutrition from Food Image", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
9. Mrs. Inbalatha K, Asst. Professor, Asha D, Manasa V, Kavya M T, Pavithra R, presented a paper on "LV Segmentation using Deep Convolution Neural Network and Extraction of Different Region from Segmented LV Region", in RAEST 2018, Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
10. Mrs. Inbalatha K, Assistant Professor, published a paper on 'Inevitable dissection of left ventricle aimed at discovery of cardiac blood flow appraisal', IJET, Volume 7 (1.5)-January 2018 152-157, Special issue 5 scopus indexed journal.
11. Mrs. Inbalatha K, Assistant Professor, published a paper on 'Premature cardiac viridict plus classification of Arrhythmias and myocardial ischemia with K-NN Classifier' in springer volume 28, February 2018, 306-314.
12. Mrs. Mamatha V, Asst. Professor, Aishwarya M, Nikhitha Ramachandran, Nisha N, Preethi R, presented a paper on "Multi-Modal Interface Aid for Blind, Deaf and Dumb People", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
13. Mrs. Mamatha V, Asst. Professor, Anika A, Jenifer Shruthi J, Priyanka P, Priyanka R, presented a paper on "Automated Attendance System using Face Recognition with Audio Output and Gender Classification", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
14. Mr. Rajesh Kumar Kaushal, Asst Professor, Surekha N., Yamuna N Akhil Kumar A. J, Naveen Kumar K. G. presented a paper on "E-Health Patient Monitoring System using IoT", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
15. Mr. Rajesh Kumar Kaushal, Asst Professor, Ramya.R, Sowmya.MN, Sumiya Sulthana, Vinitha.M, presented a paper on "Car Surveillance and Driver Assistance using Black Box with the Help of GSM And GPS Technology", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
16. Mrs. Deepthi Chamkur V, Asst. Professor, Bakyalakshmi P, Dinesh M, Sandhya N presented a paper on "Reliable and Less Overhead Path Selection with Security for Vanets using Reliability Metrics and Connectivity Metrics.", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
17. Mrs. Supriya K V, Asst. Professor , Ms. Kanimozhi S, Asst. Professor , Abhishek M, Janani D, Pradeep Raja P, Raghavendra Murthy K, presented a paper on "Enhancing the Underwater Image by using Linear image interpolation and Limited image enhancer techniques", in RAEST 2018, Dr. TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
18. Mrs. Supriya K V, Asst. Professor , Pheeba Rani M P, Prasanna Kumar J, Varsha S., Rashmi A, presented a paper on "Power Efficient XOR Gate Design and its Applications", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
19. Mr. Prasanna Balasubramanyam S, Asst. Professor , Aishwarya R, Maria Swetha J, Vinodh Prabhakaran V, presented a paper on "IOT Based LPG GAS Leakage Detection and Emergency response system using AVR Microcontroller and GSM module", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
20. Ms. Divya K R , Asst. Professor , Mithun S, Ravi Kumar R, Ruthvik K L, Kavya Roshini S, presented a paper on "Design and Implementation of Smart Biometric Vehicle Security with Accident Detection and Location Tracking System Using IoT", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
21. Ms. Asha Kiran M U, Asst. Professor, Gowthami K, Neema V, Nittishia Michael, Sowmya G presented a paper on "Unusual Event Recognition In Low Resolution Video for Enhancing ATM Security", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
22. Mrs. Nandini G.N, Asst. Professor Sheba. C, Sandya.K, Siddi vinayaka, presented a paper on "IoT based Electronic Voting System", in RAEST 2018, Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
23. Mr. Shashi Kiran S, Asst. Professor, Monisha S, Preethi M, Suresh, Vikram K, presented a paper on "Dynamic Decision Based Spectrum Sharing Framework for Next Generation (5G) System", in RAEST 2018, Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
24. Mr. Shashi Kiran S, Asst. Professor, Deepa.V, Priya N K, Sunil kumar D C , Santhosh kumar V, presented a paper on "User Association and Resource Allocation Optimization in LTE Cellular Network.", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
25. Mr. Srinivas Babu N , Asst. Professor , Divyashree V, presented a paper on "Dynamic access protocol based spectrum sharing for Ad-hoc device to device user.", in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS-UGC Approved ISSN:2347-2820.
26. Manjushree K C , Asst. Professor, Bhavya G Vennela V Manohara S P Nagaraja B M, presented a paper on "Heartbeat Sensor using Arduino with IoT" in RAEST 2018 ,Dr.TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.
27. Ms. Mohana C, Asst. Professor, Ganesh K, Sayeed Saifuddin Saheer, "LI-FI Based Indoor Navigation System for Blind and Illiterate People" in RAEST 2018, Dr. TTIT, KGF on 9th May and published in IJEECS- UGC Approved ISSN:2347-2820.





## DEPARTMENT ACTIVITIES

### Best paper awarded to 8th semester students

The best paper award for the paper titled "Design and implementation of security system for ship intervention" at 2nd national conference NC-EVEN 2018 in Brindavan college of engineering ,Bangalore by Neha, Jhansilakshmi, Jabeen Firdous , Priyanka U ,8th sem students under the guidance of Mrs.Vijayalakshmi G V, Associate Professor.

### Students achievements

1. Navasanthanalakshmi.A, Savitha, Kanchana.K, Jayasudha.J, Varalakshmi.V,6th sem presented a paper on "IoT Based Real Time Temperature & Air Quality Monitoring Robot with Live Video Streaming" in RAEST 2018 ,Dr.TTIT, KGF
2. Dharshini.R, Sowmya.C, Sushmitha Ganig.M, Yeshwitha.J, 6th sem presented a paper on "Advanced Smart Sensor Interface in Internet of Things for Water Quality Monitoring" in RAEST 2018 ,Dr.TTIT, KGF
3. Tejashwini.H, Shreemathi.N, Supriya.G, Radhika, Shwetha.D, 6th sem presented a paper on "Automatic Smart Watering System using Arduino and its Applications" in RAEST 2018, Dr.TTIT, KGF
4. Chetan S., Harini T, Joyseelin Priyanka, Kishore R, 6th sem presented a paper on "Control of Light with Clap using Arduino and its Application" in RAEST 2018 ,Dr.TTIT, KGF
5. Ashwini S, Bharath Reddy S, Dinesh Kumar R, Sahana R, 6th sem presented a paper on "Foot Step Power Generation using Piezoelectric Elements and its Application" in RAEST 2018 ,Dr.TTIT, KGF
6. Asthma kouser ,Rohith s,Sandhya.M , Miresreddy.S, presented a paper on "Arduino Based Laser Security System" in RAEST 2018 ,Dr.TTIT, KGF
7. The project "IOT Based LPG GAS Leakage Detection and Emergency response system using AVR Microcontroller and GSM module" carried out at Dr.TTIT by Aishwarya R.,Maria Swetha J.Vinodh Prabhakaran V, 8th sem got the grant from KSCST under the guidance of Mr. Prasanna Balasubramanyam S, Assistant Professor and published in IJEECS- UGC Approved ISSN:2347 –2820.
8. Ms. Asma Kousar and Ms. Sneha. S, 6th Semester participated in the All India Essay Writing Event 2017 organized by Sri Ramachandra Mission in collaboration with United Nations Information Centre for India and Bhutan and won State Level Third Prize and Eighth Prize respectively.
9. Bhavya Shree, 6th sem and Team won 1st prize, Monisha, 6th sem and Team won 2nd prize Priyanka, 6th sem and Team won 3rd prize in IoT worked conducted in Dr.TTIT,KGF from 19th to 21st March 2018.

### Faculty achievements

1. Mrs.Vijayalakshmi G V, Associate Professor reviewer for FSDM 2018: 4th international conference on Fuzzy systems and data mining Nov 16-19, 2018,Thailand.
2. Mrs.Vijayalakshmi G V, Associate Professor reviewer for Australian Physical and Engineering Science in Medicine." Springer nature.

### Students forum

The Department of Electronics & Communication Engineering inaugurated its Students Forum "EC – Golden Anwasha" on 11th May 2018.

The Principal Dr. Syed Ariff inaugurated and congratulated the department . He addressed the students and said that this will set a platform to organize various activities and help the students to effectively learn and grow. As a first activity of this Forum, A Mini Project Expo was organized, around 50 Students took part and exhibited their project ideas, which was visited by the students of other departments. The best projects were awarded and the certificates were distributed by vice principal Dr. HG Shenoy.



Students with Vice principal, Dean (Administration)-EC Golden Anwasha



EC Golden Anwasha inauguration

### Workshops attended

1. Mr. Prasanna Balasubramanyam S, Asst. Professor, Mrs. Ramya J , Asst. Professor attended 2 days workshop on "ARM CORTEX –M3" held during 4th to 6th January at Cambridge institute of technology, Bangalore.
2. The paper titled " Design and implementation of security system for ship intervention received best paper " at 2nd National conference NC-EVEN 2018 in Brindavan college of engineering ,Bangalore by Neha, Jhansilakshmi, Jabeen Firdous , Priyanka U ,8th sem students under the guidance of Mrs.Vijayalakshmi G V ,Associate Professor.
3. The paper titled "Underwater Image Enhancement Based on Linear image interpolation and limited Image enhancer Technology" received Best paper at "National Conference on Recent Trends on Engineering Science and Technology (NCRTEST-18) in CBIT, Kolar by Mr. Abhishek. M, Ms.Janani. D, Mr. Pradeep Raja. P and Mr. Raghavendra Murthy. M.

4. Mr. Shashi Kiran, Asst. Professor attended workshop on "A VIEWLAB" at BIT, Bangalore held on 9th February 2018.
5. Mr.Srinivas Babu , Asst. Professor attended workshop on "Computer networks lab "at Don Bosco Institute of Technology, Bangalore, held during 8th to 10th January 2018.

### Workshops Conducted

#### IoT (a trending technology that the world is focusing on):

A Three-day workshop was conducted on "Internet of Things" from 19th to 21st March 2018.

With theory followed by Hands – on sessions. The workshop concluded with a competition, the winners were awarded with certificates.



Valedictory function of IoT Workshop

## DEPARTMENT OF MINING ENGINEERING

1. Mr. Vijayaraghavan.P, Associate. Professor, published a paper on "Prediction of cuttability from rock cutting resistance" in the southern African institute of mining & metallurgy, (SAIMM) Vol 118 mar 2018 PP321-330.
2. Mr. Vikram.P, Asst. Professor, published a paper on "prediction of peak particles velocity through regression equations " in international journals of advance research ideas and innovations in technology, vol 4, issue 2 page no 2783-2790.
3. Mr. G.H.Kotnise, Asst. Professor, published a paper on "studying the role of ecologic environment in humans mental and physical health" OJG editorial office scientific research publishing paper ID 1211048 On 10.01.18.

### Students achievements

1. Venugopal V , 8th Sem, has secured 95th rank in GATE 2018.
2. Ranjith L.N,Sijith S, Kuenga Choeden ,4th semester , presented a paper and won 2nd prize on "Artificial Intelligence and drone technology"conducted by SURANG -2018, Department of Mining engineering, Anna University, Chennai held from 15th to 16th march.

### Industrial Visit

An Industrial Visit was organized to ISRO – ISAC, Bangalore for the 6th Semester students on 9th April 2018. The visit was coordinated by Mrs. Jenitha A, Associate Prof. The students were accompanied by Mrs. Vijayalakshmi G V, Associtat Prof. ECE, Mrs. Mamtha V, Mr. Shashi Kumar, Mrs. Manjushree, Assistant Professors, ECE.



Students and faculty members during the visit to ISRO B'lore



## DEPARTMENT ACTIVITIES



## DEPARTMENT ACTIVITIES

### DEPARTMENT OF CIVIL ENGINEERING

#### Papers Published/Presented

Mr. Sagar, Asst. Professor, Published a paper on "Utilisation of waste materials in flexible pavement construction", in National Conference on Recent Trends on Engineering Science & Technology organized by Department of Civil Engineering, CBIT, KOLAR on 24th May 2018.

#### Faculty Achievement

Mrs. M.Maneela, HOD, registered for PhD in VTU, under the guidance of Dr.Syed Ariff, Principal, Dr. TTIT, KGF.

#### Workshop attended

1. Mrs. M.Maneela, HOD Attended One week workshop on Research Methodology at VTU centre for post graduate studies, Muddenahalli, Chickballapur from May 28th to June 2nd 2018.
2. Mr.Praveen, Asst. Professor, Anusha, Asst. Professor & Kavya Reddy, Asst. Professor attended Faculty Development Programme on Software Application Lab at Rajarajeswari college of Engineering and Technology Bangalore on 8th & 9th February 2018.
3. Mr. Praveen, Asst. Professor attended workshop on "AICTE Model Curriculum" on 08.05.18 in BNMIT Bangalore

#### Industrial Visit

Mrs. M.Maneela, HOD, Mr.Praveen, Asst. Professor, Ms. Silviya, Asst. Professor & Mrs.Divya, Asst. Professor along with 6th & 8th sem students Visited Yaragol Site Near Balabandi Bangarpet to impart practical knowledge to the students about construction of dam and its components.

Mrs. M.Maneela, HOD, Mr. Praveen, Asst. Professor, Ms.Silviya, Asst. Professor, Ms. Kavitha, Asst. Professor & Mrs. Anusha, Asst. Professor along with 6th & 8th students visited Construction site of Police Quarters, KGF to explain about the construction of plinth beam, form work, reinforcement of staircase and concreting of columns.



Industrial visit to Yaragol



### DEPARTMENT OF PHYSICS

#### Department of Physics

1. Mr.Pavendan, Assistant professor attended one day work shop on "Revision of CBCS syllabus for 1st year Engg", on 7/05/2018 at Bangalore institute of technology, Bangalore. Organised by VTU Belagavi.
2. Mr.Pavendan, Assistant professor Three day work shop on "Faculty development program for Student Induction program" from 21/06/2018 to 23/06/2018 at Sri Venkateshwara college of Engineering, Bangalore, organised by AICTE & MHRD New Delhi.

### DEPARTMENT OF MATHEMATICS

#### Ph.D Completed

The President, Principal and Staff of Dr.TTIT Congratulates Dr. Suguntha Devi K, Associate Professor for successfully completing Ph. D in Mathematics on "Application of explicit finite element integration scheme and mesh generation techniques to Poisson equation on polygonal domains" under the guidance of Dr. H T Rathod, Bangalore University.

## PLACEMENTS IN TOP GLOBAL COMPANIES



Ms. Suganthi K, ECE  
Tata Consultancy Services



Ms. Jigyasa Chand, EEE  
Tata Consultancy Services



Ms. Kirthiga, EEE  
Tata Consultancy Services



Ms. Priyanka R, ECE  
Tinker Master



Ms. Madhura Shetty, CSE  
FACE



Mr. Rahul Kumar, CSE  
FACE



Ms. Pravina Andheri, CSE  
Country Club



Mr. Prabhu G, CSE  
Country Club



Nadeem M, EEE  
Global Shiksha



Prema A, Mech  
Super Auto Forge



Priyadarshini, Mech  
Super Auto Forge



Abhishek G, Mech  
Super Auto Forge



Saagar, Mech  
Super Auto Forge



Dinesh K, Mech  
Super Auto Forge



Dinesh S, Mech  
Super Auto Forge



Akhil Raj, Mech  
Super Auto Forge



Dhivakar I, Mech  
Super Auto Forge



Shivaraj Kumar S, Mech  
Super Auto Forge



Charan V, Mech  
Super Auto Forge



Prem Kumar V, Mech  
Super Auto Forge



Lydia A, CSE  
Cameo Global



Prathima C, CSE  
Accenture



Priyanka P, ECE  
Hinduja Global Solutions



Mr. Rakesh M Shetty, Civil  
M/s. Property Junction



Ms. Ashwini C G, Civil  
M/s. Bhadra Landmarks



Pravina Andheri, CSE  
Zone Tech Solutions Pvt Ltd



Sneha P, CSE  
Zone Tech Solutions Pvt Ltd



Sunil P V, CSE  
Zone Tech Solutions Pvt Ltd



Naheeda Banu, CSE  
Zone Tech Solutions Pvt Ltd



# SPORTS Activities

## Overall Championship in Sports

The Overall Championship in Sports for the year 2017-18 was won by Mechanical Department. Dr. P.D. Sudersanan, HOD Mech, and students receiving the trophy from Dr. T. Venkat Vardhan, President – GVET and Dr.

M. S. Reddy, (Registrar, Bangalore North University) in the presence of Shri. Raoul Vardhan, Vice President – GVET and Dr. Syed Ariff, Principal – Dr.TTIT during College Day Function.



Dr. T. Venkat Vardhan, Dr. M. S. Reddy distributing the overall championship trophy to mechanical department

## Inter Branch Football Tournament

The First Year Team won the Inter Branch Football Tournament finals against Mining team.



Inter Branch football Winners team (First Year)

## Inter Branch Kabaddi Tournament

Mining Team secured FIRST Position in the Inter Branch Kabaddi Tournament against the First year team



Kabaddi Winners mining department

## VTU Bengaluru North Zone Kabaddi Tournament

A two days VTU Bengaluru North Zone Kabaddi Tournament was inaugurated by Dr Syed Ariff – Principal, Dr TTIT along with Dr.Krishna Kumar, C – Principal – KGF FGC, Dr. Mathews – Principal – Sri KHLC, KGF, Mr. Kotnise – Special Officer GVET and PEDs of the participating colleges on Saturday, 21st April 2018. Ten Teams from various Engineering Colleges in the zone participated in the tournament. SJCIT , Chikkaballapur Won the tournament against Sai Vidya Institute of technology.



Winners of VTU North Zone Kabaddi SJCIT, Chikkaballapur

## Inter College Cricket Tournament

Dr. TTIT Team won the 1st Match against BIT, Bangalore in the "20th Dr. M. S Ramaiah memorial Inter College Cricket Tournament – 17-18".

## Alumni visit

Alumni Meet was held on 10th March 2018. It was nostalgic when around 30 Alumni gathered at Dr.TTIT and interacted with us. We appreciate the efforts taken by the 1993 batch Alumni who were in our campus a day ahead of the meet.



Faculty members with Alumni

The Second Quarterly Alumni Meet was held on Saturday, June 9th 2018. Around 40 Alumni, participated in the meet, shared their memories and experiences



President, Principal, Vice principal, Dean and faculty members with Alumni

## A Blood donation Camp

A Blood donation Camp was organized by the NSS Unit of Dr.TTIT in association with Govt. General Hospital Blood Bank, KGF on 15th March 2018 at Students Centre. Forty two students donated blood. Dr. N. Lakshmipathy, the Programming officer, NSS Unit of Dr.TTIT coordinated.



Students donating blood during the camp

## NSS Activity

Mr. Nadeem M, Mr. Raj Suriya M, Ms. Jigyasa Chand and Ms. Anjali P S, the students of Electrical & Electronics Engineering along with Dr. Syed Ariff – Principal Dr.TTIT and the NSS Programming Officer Dr. N. Lakshmipathy took part in the Master Trainer's Workshop Sansad Adarsh Gram Yojna (SAGY), a prestigious programme by the Government of India that was held in Nagarjuna College of Engineering and Technology, Devanahalli in January 2018



Students with Dr. N. Lakshmipathy



Election awareness program



Tribute to president emeritus Late Dr. T. Thimmaiah

# PHOTO GALLERY



# PHOTO GALLERY

