



## **Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY**

### **DEPARTMENT OF CIVIL ENGINEERING**

**SHILANYAS 2018-19**

#### **PRESIDENT MESSAGE**

I am glad that the department of civil engineering is releasing the third edition of its annual newsletter SHILANYAS. I would like to see very active student participation and also more activities to be covered in the coming editions. I wish all students to excel in the coming examinations.

#### **FROM PRINCIPAL DESK**

I am happy to know the release of Third edition of SHILANYAS. The third edition of the department newsletter has seen a good response from students and staff. I wish this newsletter will also bring the same kind of response and wish its editorial team all success.

#### **ABOUT THE DEPARTMENT**

The department of civil engineering was started in the academic year 2014 with an aim of promoting high quality education in the field of civil engineering. Besides imparting classroom training, the department has the policy of organizing technical visits and expert talk to give exposure to the practical field. Adequate training is provided to our students for getting placements in various companies. The students are also encouraged to do projects in industries to acquaint them with practical problems. The academic activities of the department emphasis deep understanding of fundamental principles, development of creative ability to handle the challenges of civil engineering and the analytical ability to solve the problems which are inter disciplinary in nature.

#### **AT A GLIMPSE**

- **STUDENTS ACTIVITIES**
- **FACULTY ACTIVITIES**

**Workshops attended**

## **PATRONS**

**Dr.T.VENKAT VARDHAN**

**PRESIDENT,GVET**

**Sri.RAOUL KENGAL VARDHAN**

**VICE PRESIDENT ,GVET**

**Dr.SYED ARIFF**

**PRINCIPAL**

## **CHIEF EDITOR**

**Prof.M.MANEELA**

**HOD**

## **EDITORIAL BOARD**

**Mr.Teerthananda Sagar**

**ASSISTANT PROFESSOR**

## **VISION OF THE DEPARTMENT**

To be a centre of excellence by putting every effort for improvement in education and undertaking research as well as to contribute to the technology for the infrastructure development leading to sustainable growth of the society

## **MISSION OF THE DEPARTMENT**

To provide quality education for successful career in Civil Engineering that emphasizes academic and technical excellence in profession, research, effective communication, team work and leadership to meet the challenges of the society.

## **Program Educational Objectives (PEO'S)**

**PEO 1:** To train the students so that they can work and contribute to the infrastructure development projects being undertaken by Govt. to private sector companies.

**PEO 2:** To train students to pursue higher studies and contribute to the teaching profession/ research and development of civil engineering and other fields.

**PEO 3:** To train students to function effectively in the multicultural, multidisciplinary and multiethnic groups for the sustainable development and growth of civil engineering projects and profession.

## **Program Specific Outcomes (PSO's)**

### **1.Understanding**

Graduates shall demonstrate sound knowledge in analysis, design, laboratory investigations and construction aspects of civil engineering infrastructure, along with good foundation in mathematics, basic sciences and technical communication.

### **2.BroadnessandDiversity**

Graduates will have a broad understanding of economical, environmental, societal, health and safety factors involved in infrastructural development, and shall demonstrate ability to function within multidisciplinary teams with competence in modern tool usage

### **3.Self-LearningandService**

Graduates will be motivated for continuous self-learning in engineering practice and/or pursue research in advanced areas of civil engineering in order to offer engineering services to the society, ethically and responsibly.

## **.STUDENT ACHIEVEMENTS**

1.Prashanth P &SauravChettri from 6<sup>th</sup>sem secured first place in “MODEL MAKING” event in “AARAMBHA-2K19” An inter College Departmental Techno Fest organized by Department of Civil Engineering in Association with ICI Student Chapter-Bengaluru center on 24<sup>th</sup>& 25<sup>th</sup> April 2019.



2. Manjunath T , Pallavi B S, Bhavana S & Ravikiran S from 4<sup>th</sup> sem secured first place in “SURVEY HUNT ” event in “AARAMBHA-2K19” An inter College Departmental Techno Fest organized by Department of Civil Engineering in Association with ICI Student Chapter- Bengaluru center on 24<sup>th</sup> & 25<sup>th</sup> April 2019.



3. MohammedInayatulla, Naveen, TitusWilson&Mukul from 4<sup>th</sup>sem secured first place in “TECH COLLEGE” event in “AARAMBHA-2K19” An inter College Departmental Techno Fest organized by Department of Civil Engineering in Association with ICI Student Chapter-Bengaluru center on 24<sup>th</sup>& 25<sup>th</sup> April 2019





## **FACULTY ACHIEVEMENTS**

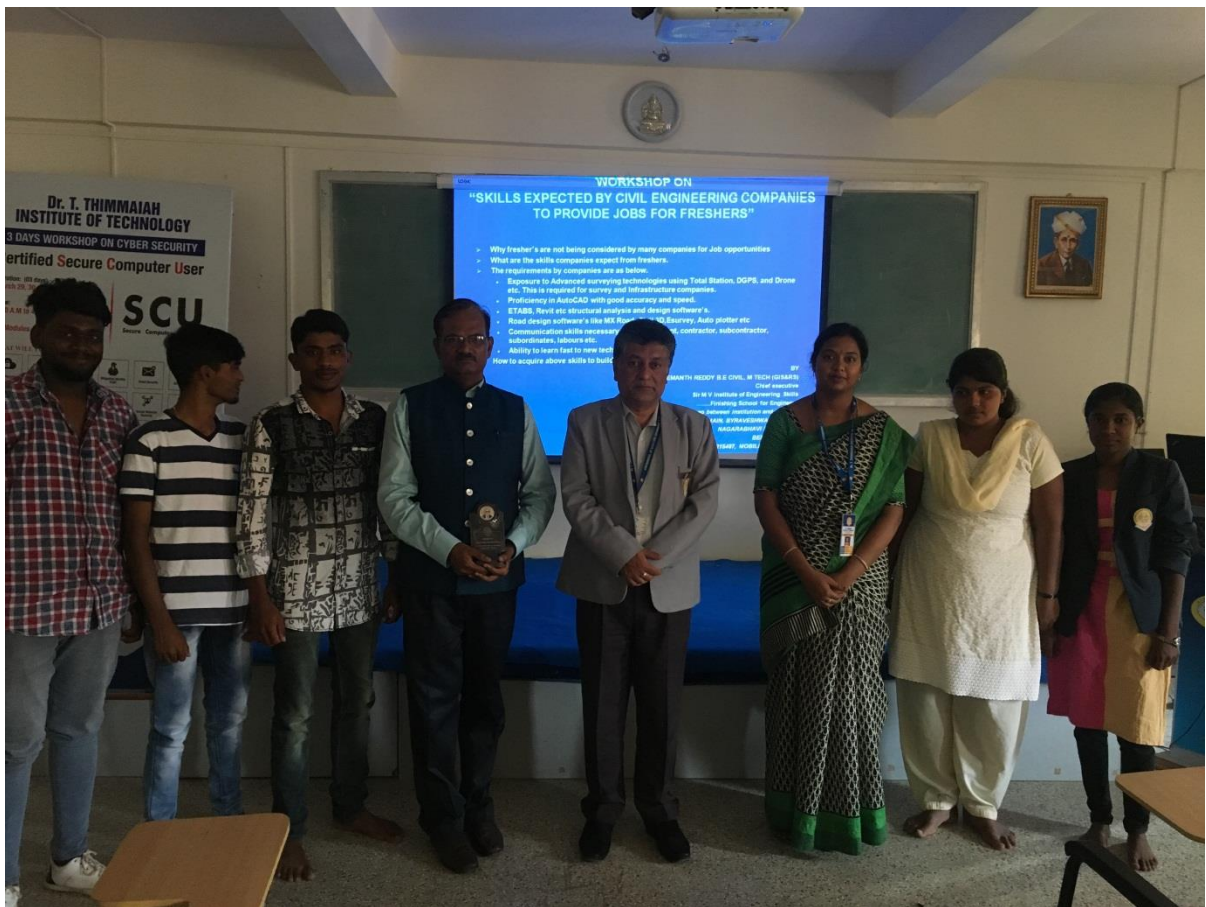
1. Prof. Praveen attended Two days' workshop on "Design and Detailing of RC and Steel Structures " on 13<sup>th</sup> and 14<sup>th</sup> August 2018 in Brindavan College of Engineering Bangalore.
- 2.. Prof. Praveen and Prof. Anuj Kumar along with 5<sup>th</sup> sem students visited DMS conmix RMC plant near Narasapur on 27<sup>th</sup> October 2018.
3. Prof. Teerthananda Sagar published paper on "Utilization of Crumb Rubber in Construction of flexible pavement in "International Journal of Research and Analytical Reviews(IJRAR) Volume 5, Issue 4, November 2018
4. Department of civil Engineering conducted National Level Two days workshop on "Bridge Design, Quality Control & Project Management in Civil Engineering" on 13<sup>th</sup> and 14<sup>th</sup> November 2018
5. Prof. Teerthananda Sagar published paper on "Utilization of waste materials in flexible pavement construction in "International Research Journal of Engineering and technology (IJERT) Volume 5, Issue 12, December 2018

6. M.Maneela, Divya K S &Kavitha V attended Three days workshop on “Advanced Surveying Technologies using Total Station “ from 31<sup>st</sup> Jan to 2<sup>nd</sup> Feb 2019 in Sapthagiri College of Engineering Bangalore.



7. M.Maneela and Divya K S participated in poster presentation in National seminar conducted by GSI & Mining Dept in Dr.TTIT, KGF from Feb 15<sup>th</sup> to Feb17<sup>th</sup> 2019.

8. Department of Civil Engineering conducted workshop on “Skills expected by civil engineering companies to provide jobs for fresher’s” by S.Hemanth Reddy Chief executive of sir M V Institute of Engineering Skills on 28<sup>th</sup> March 2019



9. M.Maneela, Mahesh P, Manohar M, Srinivas&Rashmi GV published paper on “Compressive strength of fly ash bricks with addition of bagasse ash” in “International Journal of current Engineering & scientific research (IJCESR) Volume 6, Issue 6, June 2019

10. Divya K S, Ravikiran S, SadiyaBanu, Swetha G &Vaishnavi Vpublished paper on “Experimental study on the treatment of dairy waste water using low cost natural adsorbents” in “International Journal of current Engineering & scientific research (IJCESR) Volume 6, Issue 6, June 2019

11. Teerthananda Sagar C S, Kavitha, Sultan &Ashwinipublished paper on “Experimental investigation on partially replacement of bitumen with waste materials for flexible pavement construction” in “International Journal of current Engineering





Received best paper award

13. Silviya L, Priyanka P, Murali, Krishnegowda&SuchandraPradanpublished paper on "Stabilization of black cotton soil using rice husk ash and crumb rubber" in "International Journal of current Engineering & scientific research (IJCESR) Volume 6, Issue 6, June

2019



14. Teerthananda Sagar C S, Sandya H R, Pooja G, Ravikiran M & Arun Kumar M published paper on “Experimental Investigation on HDPE & PET in construction of bituminous Pavement (Surface Course)” in “International Research Journal of Engineering & Technology (IRJET) Volume 6, Issue 6, June 2019

15. Teerthananda Sagar C S, Yashaswini M S, Nikil V, Ravichandra N, & Archita N Published paper on “Experimental Study on Bituminous Mix using LDPE, Crumb Rubber and Mild Steel Chips in the Construction of Flexible Pavement “in International Journal of Engineering Research & Technology”(IJERT) Volume 8, Issue 6, June 2019

