



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

### **DEPARTMENT OF CIVIL ENGINEERING**

**SHILANYAS 2020-2021**

#### **PRESIDENT MESSAGE**

I am glad that the department of civil engineering is releasing the fifth 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 fifth edition of SHILANYAS. The fifth 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 established 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**

**Assoc Prof.Dr.TTIT,KGF**

## **EDITORIAL BOARD**

**Prof.SONAM**

**Asst. Prof.Dr.TTIT,KGF**

## **VISION OF THE DEPARTMENT**

To produce engineers having professional and leadership qualities with capacity to take up professional assignment in civil engineering and allied field with focus on interdisciplinary and innovative approach leading to sustainable growth of society

## **MISSION OF THE DEPARTMENT**

- 1.To develop /inculcate innovative methods through industry institute interaction.
- 2.To impart soft skills & leadership qualities among the graduates by providing professional training.
- 3.To deal with contemporary issues & cater to the society needs.

## **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**

- Ms.Chandana Y H, Ms.Mamatha K S ,Ms.Heera Gopinath Of 8<sup>th</sup> Sem & Mr.Dinesh Kumar Of 6<sup>th</sup> sem has participated in Online webinar on “Solid Waste Management & its Techniques “ by Dr.Manjula.O on 20.05.2021 conducted by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology, KGF .
- Ms.Mamatha K S has attended a Online webinar on “ Pre-Stressed Concrete Structures “ by Prof.Munikrishna D M in Dr.TTIT lecture Series on 15.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.

- Ms.Mamatha K S has attended a Online webinar on “ How to manage Files and Folders in Google Drive “ by Dr.P.D.Sudersanan in Dr.TTIT lecture Series on 16.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Mr.Dinesh V of 6<sup>th</sup> Sem has attended a Online webinar on “ Significance of Geotechnical Engineering by Engineering practices “ by Prof.M.Maneela in Dr.TTIT lecture Series on 22.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.

## **FACULTY ACHIEVEMENTS.**

### Webinars /Quiz Conducted

- Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology,KGF conducted Three days National Level Workshop (Virtual ) on “**Civil Engineering Aspects**” from 22.10.2020 to 24.10.2020 .
- Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology,KGF conducted Online webinar on “**Solid Waste Management**” on 20.05.2021 by **Dr.Manjula.O** Professor, Gopalan College of Engineering,Bengaluru.
- Department of Civil Engineering conducted online technical Quiz on “**Reinforced Cement Concrete Structures**” on 11.05.2021 organized **Prof Munikrishna D M** by Civil Department, Dr.T.Thimmaiah Institute of Technology, KGF.
- Department of Civil Engineering KGF conducted Online Quiz on “Geotechnical Engineering” organized by **Prof M.Maneela** from 31.05.2021 to 02.06.2021.
- Dr.Ramesh K presented and received certification of Appreciation for “**Introduction to GIS**” a lecture series conducted by Dr.TTIT on 08.06.2021.
- Prof.Munikrishna D M presented and received certification of Appreciation for “**Applications of Prestressed Concrete Structures**” a lecture series conducted by Dr.TTIT on 15.06.2021
- Prof M.Maneela presented and received certification of Appreciation for “**Significance of Geotechnical Engineering in Engineering Practices** ” a lecture series conducted by Dr.TTIT on 22.06.2021.
- Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology,KGF conducted Online webinar ‘**Recent Innovations in Preparation of Earthen Building Materials**’ on 12.07.2021 by **Dr.H.B.Nagaraj** Professor, BMS College of Engineering, Bengaluru.
- Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology,KGF conducted Online webinar on” **Condition Assessment and Rehabilitation of Concrete Structures** ” on 29.07.2021 by **Prof.Prashant Sunagar** Assistant Professor, M.S.Ramaiah College of Engineering,Bengaluru

## **Webinars Attended**

- Prof M.Maneela has participated in the Technical webinar on “Advances in Concrete Technology” on 06.01.2021 conducted by Sri Venkateswara College of Engineering ,Bengaluru.
- Prof M.Maneela & Prof.Sonam has participated in the “AICTE Short Term Training Programme entitled “Empowering the moral values, Ethics and Behavioral Attitude in Teaching Skills among Teachers” from 18.01.2021 to 23.01.2021 conducted by Dr.N.G.P Institute of Technology,Coimbatore.
- Prof Sonam has participated in “Online webinar on “Remedial Waterproofing for Buildings “conducted by Ultratech Cement Limited on 22.01.2021 .
- Prof Sonam has participated in “Online webinar on “Interpretation of NDT Results for Acceptance of Concrete” “conducted by Ultratech Cement Limited on 29.01.2021.
- Prof Sonam has participated in “Online webinar on “6 Light House Projects-for affordable Housing “conducted by Ultratech Cement limited on 05.02.2021.
- Prof Sonam has participated in “Online webinar on “Innovative Well Foundations of Signature Bridge “conducted by Ultratech Cement limited on 26.02.2021.
- Prof.Manjunatha Singh ,Prof.Praveen K & Prof.Ramesh K attended Online National Level Webinar on “Angel Investors and Venture Capital Funding Opportunities for Early Stage Enterprneuers ” on 13.03.2021 Organized by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology in association with Institution’s Innovation Council ,Dr,TTIT, KGF
- Prof.Sowmya L attended Online Webinar on “How to plan for Start up Legal and Ethical Steps” on 26.03.2021 Organized by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology in association with Institution’s Innovation Council ,Dr,TTIT, KGF .
- Prof.Silviya L & Prof.M.Maneela attended Online Webinar on “Enterprise agility-Innovation in industry 4.0” on 27.03.2021 Organized byDepartment of Mining engineering, Dr.T.Thimmaiah Institute of Technology in association with Institution’s Innovation Council ,Dr,TTIT, KGF
- Prof M.Maneela has participated in the Technical Webinar on ”Awareness about Start-Up and Related Ecosystem:” on 10.05.2021 conducted by Dr.T.Thimmaiah Institute of Technology,KGF.
- Prof M.Maneela a has participated in the webinar on “Overview of Geotechnical Investigations with Case Studies” on 12.05.2021 conducted by S.J.C Institute of Technology ,Chickballapur.
- Prof.Sowmya L attended Online Webinar on “Orientation Session in NISP” on13.05.2021 Organized by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology in association with Institution’s Innovation Council ,Dr,TTIT, KGF

- Prof.Prashanti C S ,Silviya L,Dr.Ramesh K,Prof Praveen K,Sonam,Prof.Soumya L has participated in Online webinar on “Solid Waste management & its Techniques “ by Dr.Manjula.O on 20.05.2021 conducted by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology, KGF .
- Prof.Prashanti C S ,Dr.Ramesh K, Prof.Silviya L ,Prof M.Maneela,Prof.Sonam & Prof Munikrishna D M attended Online National Level Webinar on “Implementation of National Education Policy” on 27.05.2021 Organized by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology in association with Institution’s Innovation Council ,Dr,TTIT, KGF
- Prof.Prashanti C S ,Prof.Sonam,Prof.Sowmya L attended Online National Level Webinar on “How to write a Quality Paper & Publish it in Index Journal on 29.05.2021 Organized by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology, KGF
- Prof.Sonam attended Online Quiz on “Geotechnical Engineering” from 31.05.2021 to 02.06.2021 Conducted by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology, KGF .
- Dr.Ramesh K participated in “Save and Restore our beloved mother earth Pledge” organized by Ministry of Earth Science ,Govt of India on 04.06.21.
- Prof M.Maneela a has participated in three days webinar on “WORLD OCEAN DAY ” organized by Department of Civil engineering .Easwari Engineering College during 07.06.2021 to 09.06.2021.
- Prof.Prashanti C S ,Prof.Praveen K& Soumya L has attended a Online webinar on “Introduction to GIS “ by Dr.Ramesh K in Dr.TTIT lecture Series on 08.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Dr.Ramesh K attended global webinar on “Identifying the New Education Policy”conducted by LEAD India Foundation on 08.06.2021.
- Prof.Soumya L has attended a Online webinar on “Institution Innovation Council- An Overview “ by Dr.Shenoy H G in Dr.TTIT lecture Series on 09.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Prashanti C S ,Prof.Soumya L has attended a Online webinar on “Introduction to Devops “ by Prof.Vinutha B.A in Dr.TTIT lecture Series on 10.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Munikrishna D M & Prof.Soumya L has attended a Online webinar on “ Evaluation of 5G “ by Dr.Palaniswamy in Dr.TTIT lecture Series on 12.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF
- Prof.Prashanti C S ,Prof.Munikrishna D M & Prof.Sowmya has attended a Online webinar on “Artificial Neural Networks & its application “ by Prof.Vijayaraghavan in Dr.TTIT lecture Series on 14.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF
- Prof M.Maneela a has participated in a webinar on “Learning to Survive with the Covid-19 Pandemic ” on 15.06.2021 conducted by R.L.Jalappa Institute of Technology,Doddaballapur.

- Prof.Prashanti C S & Prof.M.Maneela has attended a Online webinar on “ Pre-Stressed Concrete Structures” “ by Prof.Munikrishna D M in Dr.TTIT lecture Series on 15.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Prashanti C S ,Prof .Munikrishna D M & Prof.Soumya L has attended a Online webinar on “ How to manage Files and Folders in Google Drive “ by Dr.P.D.Sudersanan in Dr.TTIT lecture Series on 16.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Sowmya L actively participated in National Level Webinar on “ Sustainable Material Development and Marketing Strategies for Urban India” “ by SR UNIVERSITY and Centre for construction methods and materials ,Warangal.Telangana on 16.06.2021 to 19.06.2021.
- Dr.Ramesh K Prof Sowmya L a has participated in a National Level Webinar on “Sustainable Material Development and Marketing Strategies for Urban Area ” from 16.06.2021 to 19.06.2021 organized by SR University and Centre for Construction Methods and Materials Warangal,Telangana.
- Prof .Munikrishna D M ,Prof.M.Maneela & Prof.Manjunatha Singh has attended a Online webinar on “ Features and significance of serverSide Programs “ by Prof.Manjunatha Singh in Dr.TTIT lecture Series on 17.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF
- Prof.Manjunatha Singh & Prof .Munikrishna D M has attended a Online webinar on “ Basics of MATLAB Programming “ by Prof.Somasekhar in Dr.TTIT lecture Series on 18.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF
- Prof .Munikrishna D M has attended a Online webinar on “ Programming with Python Language “ by Prof.Srinivasa babu in Dr.TTIT lecture Series on 18.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof .Munikrishna D M has attended a Online webinar on “ Mental Health & well Being “ by Dr.A.Manjunath in Dr.TTIT lecture Series on 21.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF
- Prof.Prashanti C S ,Prof .Munikrishna D M & Prof.Soumya L has attended a Online webinar on “ Significance of Geotechnical Engineering by Engineering practices “ by Prof.M.Maneela in Dr.TTIT lecture Series on 22.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Prashanti C S & Prof .M.Maneela has attended a Online webinar on “ Enhancement of Qualitative Interactive Classroom activities “ by Dr.Manjunatha Babu N S in Dr.TTIT lecture Series on 23.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Prashanti C S & Prof .M.Maneela has attended a Online webinar on “ Advanced Driver Assistance Systems “ by Prof.Punitha F in Dr.TTIT lecture Series on 24.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.

- Prof.Prashanti C S ,Dr.Ramesh K & Prof.M.Maneela has attended a Online webinar on “ Black Fungus “ by Prof.Sridevi in Dr.TTIT lecture Series on 25.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof .Munikrishna D M has attended a Online webinar on “ Programming with Python Language “ by Prof.Srinivasa babu N in Dr.TTIT lecture Series on 26.06.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Dr.Ramesh K has attended a Online webinar on “ Conceptual Design of Bridge “ on 25.06.2021 organized by Indian Association of structural Engineers .
- Prof Praveen K & Prof.Silviya L has participated in Online webinar on “Recent Innovations in Preparations of Earthen Building Materials “ by Dr.Nagaraj H S conducted by Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology, KGF on 12.07.2021 .
- Prof Praveen K has participated in Online webinar on “NAAC Accreditation-INSIGHT INTO VARIOUS CRITERIA held on 24<sup>th</sup> July 2021 at New Horizon College of Engineering, Bengaluru .
- Prof.Prashanti C S has attended a Online webinar on “ NBA Criteria 3 an Overview “ by Dr.Manas Mukhopadhyay in Dr.TTIT lecture Series on 18.08.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF
- Prof.Prashanti C S ,Silviya L & Prof.M.Maneela has attended a Online webinar on “ NBA Criteria 4 an Overview “ by Mr.Mohan kumar K in Dr.TTIT lecture Series on 19.08.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.M.Maneela ,Prof.Munikrishna D M & Prof.Silviya L has attended National Level webinar on “ Leadership Talk with Startup Founder “ organized by the Institution’s Innovation Council and Entrepreneurship Development Cell,Dr.TTIT held on 24.08.2021.
- ‘Prof.Sonam ,Prof.Silviya L Prof.Praveen K & Prof.M.Maneela has attended National Level webinar on “ Leadership talk on hindrances faced by Enterprenuers” organized by the Institution’s Innovation Council and Entrepreneurship Development Cell,Dr.TTIT held on 25.08.2021
- Prof.M.Maneela has attended a Online webinar on “ NBA Criteria 5 an Overview “ by Dr.Manjunatha Babu in Dr.TTIT lecture Series on 01.09.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Praveen K & Prof.Silviya L has attended a Online webinar on “ NBA Criteria 2 an Overview “ by Prof.Vijayabharathi M in Dr.TTIT lecture Series on 02.09.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
- Prof.Silviya L has attended a Online webinar on “ Role of Teachers in Quality Enhancement in Higher Educations on 07.09.2021 organised by IQAC and UHV Cell “Dr.T.Thimmaiah Institute of Technology, KGF. On the occasion of Teacher’s day Celebration.
- Prof.Praveen K & Prof.Silviya L has attended National Level Webinar on “ SESSION ON WHY IP IS IMPORTANT TO ACADEMIA “ organized by



- Institution's Innovation Council and Intellectual Property Rights cell, Dr.T.Thimmaiah Institute of Technology, KGF on 08.09.2021.
- Prof.M.Maneela has attended a Online webinar on “ NBA Criteria 6 an Overview “ by Prof.Dhanalakshmi V in Dr.TTIT lecture Series on 13.09.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.
  - Prof.Praveen k & Prof.Silviya L has attended a Online webinar on “ NBA Criteria 7 an Overview “ by Prof.Tharadevi M in Dr.TTIT lecture Series on 14.09.2021 conducted by Dr.T.Thimmaiah Institute of Technology, KGF.

### **FDP Conducted/Attended**

- Prof.Sowmya L has Participated & successfully completed AICTE Training and learning (ATAL) Academy Online FDP on “ Sustainability Engineering “from 04.01.2021 to 08.01.2021 at CMR Institute Of Technology.
- Prof.Praveen K has Participated & successfully completed AICTE Training and learning (ATAL) Academy Online FDP on “ Smart Cities“from 05.01.2021 to 09.01.2021 at Nitte Meenakshi Institute Of Technology
- Prof.Sowmya L has Participated & successfully completed Online FDP on “blended Learning and Flipped Classroom “from 18.01.2021 to 22.01.2021 at Vellore Institute of Technology.
- Prof.Sonam has Participated & successfully completed Online FDP on “Green Technology & Sustainability Engineering “from 19.01.2021 to 23.01.2021 at Gautam Buddha University.
- Prof.Soumya L has Participated & successfully completed Online FDP on “Environmental Geotechnology “from 25.01.2021 to 29.01.2021 at Mangalore Institute of Technology & Engineering .
- Prof.M.Maneela, Prof.Silviya L, Prof.Prashanthi C S and Prof.Soumya L attended three days Faculty Development Program on “Skill Enhancement in Environmental Laboratory” organized by department of civil engineering in association with ISTE from 15.04.2021 to 17.04.2021.
- Prof.Sonam attended three days Faculty Development Program on “Research Trends in Socially relevant Technical Education : Challenges and Impacts ” organized by department of Computer Science engineering in association with CSI Chapter of Vedavyasa Institute of Technology from 2<sup>nd</sup> to 4<sup>th</sup> September 2021.
- Prof.Silviya L has Participated & successfully completed Online one week FDP on “Tropical transcends in Construction Technology –Digital Boot camp “from 30.08.2021 to 04.09.2021 at Sai Vidya Institute of Technology Bengaluru.

