

## Department of Civil Engineering

Summary of activities and achievements in department starting from 1<sup>st</sup> of August 2023 till November 15

### ACTIVITIES CONDUCTED:

Sl. No	Particulars	Event Date
<b>01</b>	<p><b>INDUSTRIAL VISIT:</b></p> <p><b>1. HNS RMC PLANT visit:</b> HNS RMC PLANT, located at Service Rd, Hariyappanahalli, Karnataka 572107 in Madhugiri, karnataka, is a located in India. Situated in a bustling area, the store is known for offering a diverse range of products and services to meet the varied needs of its customers. The strategic location in Madhugiri, a city in the state of karnataka, makes it accessible and convenient for local residents and visitors. HNS RMC PLANT is committed to providing quality products and excellent customer service, making it a popular shopping destination in the region.</p> <p><b>2.KRUSHI VIGNANA KENDRA:</b> 5<sup>th</sup> semester and 3<sup>rd</sup> semester BE civil engineering students were being taken to Krishi Vigyan Kendra Hirehalli as part of VTU Belgaum, curriculum (Social Connect and Responsibility BCV307) to give some practical knowledge to the students about Plantation, Organic farming, Heritage walk on the 12<sup>th</sup> January 2024.</p> <p><b>3. FIELD VISIT:</b> 5th semester and 3<sup>rd</sup> semester BE civil engineering students were being taken to SHRIDEVI Institute of Technology Campus, as part of skill lab to give some practical knowledge to the students about Construction, Steel Design, RCC design on the 19<sup>th</sup> January 2024.</p>	<p style="text-align: right;">22/10/2023</p> <p style="text-align: right;">12/01/2024</p> <p style="text-align: right;">19/01/2024</p>
<b>02</b>	<p><b>Expert Lecture:</b></p> <p><b>1. 7 – Habits For Highly Successful Civil Engineering Career:</b> The speaker spoke about the following habits for building a successful career in civil engineering field. Seven great tips that you can utilize as you pursue your dreams of becoming a great civil engineer despite the numerous challenges that you are likely to encounter in your journey to success. Scholars pursuing engineering courses such as civil engineering are often required to deal with various forms of challenges. Civil Engineering Career courses are demanding, and sometimes, an individual will have to decide whether they should spend all their time in class or hang out with friends. If an individual is not cautious, the chances are high that they might spend more time on a specific activity and neglect others.</p>	<p>19/04/2023</p>

	<p><b>2.“Geotechnics for Sustainable Infrastructure:</b> Inauguration by Watering the plant during the Technical talk on “Geotechnics for Sustainable Infrastructure” by <b>Dr. Muttana S Balreddy</b> Associate Professor, Department of Civil Engineering SIT, Tumkur along with Principal Dr. Narendra Viswanath ,HOD Dr. G. Mahesh Kumar, Dr.C. Nagaraja at Shridevi Institute of Engineering &amp; Technology, Tumkur-06 which was organised by Civil Engineering Department on 12/02/2024</p>	<p><b>12/02/2024</b></p>
<p><b>03</b></p>	<p><b>SOCIAL CONNECT AND RESPONSIBILITY</b></p> <p><b>1.HERITAGE WALK</b> 5<sup>th</sup> semester and 3<sup>rd</sup> semester BE civil engineering students were being taken to Kaidala Temple, Guluru as part of VTU Belgaum, curriculum (Social Connect and Responsibility BCV307) to give some architectural knowledge to the students in Heritage walk programme on the 12<sup>th</sup> January 2024.</p> <p><b>2.PLANTATION AND ADAPTATION:</b> Plantation And Adaptation programme was organised for 5<sup>th</sup> semester and 3<sup>rd</sup> semester BE civil engineering students as part of VTU Belgaum, curriculum (Social Connect and Responsibility BCV307) to give some practical knowledge to the students about Plantation, Organic farming on the 12<sup>th</sup> January 2024 in the campus of SIET, Tumkur.</p> <p><b>3.FOOD WALK</b> Foodwalk programme was organised for 5<sup>th</sup>, 7<sup>th</sup> semester and 3<sup>rd</sup> semester BE civil engineering students as part of VTU Belgaum, curriculum (Social Connect and Responsibility BCV307) to give some practical knowledge to the students about cultural immersion, culinary exploration and social experience on the 12<sup>th</sup> January 2024 in the campus of SIET, Tumkur.</p>	<p><b>12/01/2024</b></p> <p><b>12/10/2024</b></p> <p><b>22/10/2024</b></p>

## FACULTY ACHIEVEMENTS

Sl.No	Particulars	Event
<b>01</b>	<p><b>Paper publications by faculty:</b>  <b>Dr. G. Mahesh Kumar:</b></p> <ol style="list-style-type: none"> <li>1. Dynamic Analysis of Structures with Plan Irregularity using ETABS</li> <li>2. Paper Titled “<b>Optimizing Durability Of The Thin White Topping Applying Taguchi Method Using Desirability Function</b>” published as research article in the journal <b>Scientific Temper</b> on 27<sup>th</sup> December 2023, vol.14(4);1381-1386.</li> <li>3. Paper titled “<b>Analysis Of Compressive Strength Optimization For Thin White Topping Using Taguchi Method</b>” published as research article in the journal <b>Nano world journal</b> on 20<sup>th</sup> October 2023, Vol.9 Supplement 2,2023 <b>S522</b>.</li> <li>4. Participated as faculty co ordinator in <b>National Level Hackthon</b> on 29<sup>th</sup> October 2024 conducted by SIET, Tumkur.</li> <li>5. Participated in state level workshop on applications of advanced analytical techniques organised by department of applied science, SIET IN colaberation with <b>Perkin Elmer</b> on 30<sup>th</sup> August 2024 held in SIET, Tumakuru</li> <li>6. Successfully completed <b>NPTEL</b> online certification on <b>Basic Construction Material</b> during Jan-Apr 2024( 12 week course)</li> <li>7. Attended as BOE member in board of examiners meeting held in SIT Tumkur during 29<sup>th</sup> April 2024, 15<sup>th</sup> June 2024 and 19<sup>th</sup> June 2024.</li> <li>8. Participated 5 day <b>FDP</b> programme on “<b>2<sup>nd</sup> series of geotechnical engineering practices and its sustainable development-2024</b>” held at <b>BIT&amp;M</b>, Bellary From 18<sup>th</sup> to 22<sup>nd</sup> June 2024.</li> <li>9. Presented topic Universal Human Values (UHV) as a resource person on 16<sup>th</sup> September 2023 in the <b>Student Induction Programme 2023</b> held in SIET, Tumkur</li> </ol>	<p style="text-align: center;"><b>Sept- 2023</b></p> <p style="text-align: center;"><b>27/12/2024</b></p> <p style="text-align: center;"><b>20/10/2024</b></p> <p style="text-align: center;"><b>29/10/2024</b></p> <p style="text-align: center;"><b>30/08/2024</b></p> <p style="text-align: center;"><b>Jan-Apr 2024</b></p> <p style="text-align: center;"><b>15/06/2024 &amp; 19/06/2024</b></p> <p style="text-align: center;"><b>22/06/2024</b></p> <p style="text-align: center;"><b>16/08/2024</b></p>

	<p><b>Dr. C. Nagaraja :</b></p> <ol style="list-style-type: none"> <li>Dynamic Analysis of Structures with Plan Irregularity using ETABS <b>Sept- 2023</b></li> <li>Analysis of Circular Jack well cum Pump house under Static and Dynamic loading <b>Sept- 2023</b></li> <li>Successfully completed <b>NPTEL</b> online certification on <b>Concrete Technology</b> during Jan-Apr 2024( 12 week course) <b>Jan-Apr 2024</b></li> <li>Attended as BOE member in board of examiners meeting held in VTU Belgaum on 15<sup>th</sup> June 2024.</li> </ol> <p><b>Prof. Manogna H N:</b></p> <ol style="list-style-type: none"> <li>Dynamic Analysis of Structures with Plan Irregularity using ETABS <b>Sept- 2023</b></li> <li>Analysis of Circular Jack well cum Pump house under Static and Dynamic loading <b>Sept- 2023</b></li> </ol> <p><b>PRAKASH J:</b></p> <ol style="list-style-type: none"> <li>Perceiving <b>PhD</b> in <b>SSAHE</b> University on topic “<b>A study on reflection cracking in bituminous concrete beams with partial replacement of reclaimed aggregates and geogrid reinforcement for flexible pavements</b>” under the guidance of Dr. B H Manjunath, S.S.I.T, Tumkur. (Course work completed and 4<sup>th</sup> Doctorial Committee meeting is under progress) <b>In Progress</b></li> <li>Presented and Published an article “<b>Fly Ash –Based RAGPC Paver Blocks For Moderate Traffic Volume Roads</b>” in SIIOC conference held at NITK Surathkal indexed with “<b>Springer nature</b>”, <b>2023</b></li> <li><b>Reviewer</b> to the “<b>SIIOC conference proceedings</b>” indexed with “<b>Springer nature</b>”. <b>2024</b></li> <li>The abstract of article titled “<b>Investigating the Effects of Fiber Incorporation and Partial Replacement of Aggregates with Recycled Materials on Marshall Properties of Bituminous Concrete Mixtures</b>” is Presented and Accepted in SIIOC-2024 conference”. <b>2024</b></li> <li>Delivered a Expert lecture on Value added course titled “<b>Hands-on Approach to Pavement Design Techniques</b>” on <b>24/10/2024</b> and <b>25/10/2024</b> organized by <b>Department of Civil Engineering, S.S.I.T, Tumkur.</b> <b>2024</b></li> </ol>	
02	<p><b>PHD Honoured:</b>  <b>PHD</b> Awarded to <b>Akshay Jayanna</b>, Assistant Professor, Department of Civil Engineering SSIT under the guidance of Dr. G Mahesh kumar on “<b>Structural And Functional Evaluation Of White –Topped Pavements For Indian Conditions And Simulate Interface</b>”</p>	02/09/2024

## PHOTO GALLERY:

### INDUSTRIAL VISIT:

#### 1. HNS RMC PLANT



Photos during the visit

### 3. KRUSHI VIGNANA KENDRA:



Photos during the visit

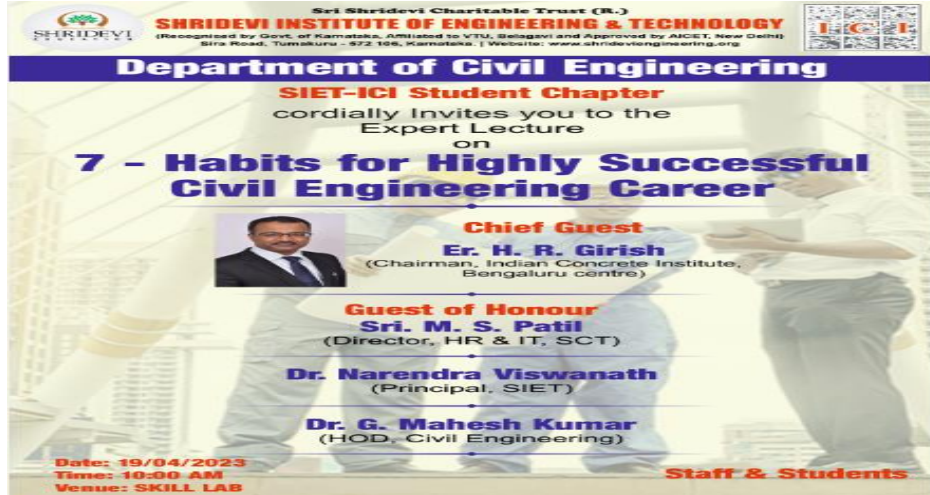
### 3. FIELD VISIT:



Photos during the visit

## EXPERT LECTURE:

### 1 7 Habits For Highly Successful Civil Engineering Career:



Photos during the Lecture



## 2. "Geotechnics for Sustainable Infrastructure:

Sri Shridevi Charitable Trust (R.)  
**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
(Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)  
Sira Road, Tumakuru - 572 106, Karnataka.  
Phone: 0816-2212629 | Fax: 0816-2212628 | Email: info@shrideviengineering.org | Web: http://www.shrideviengineering.org

**Department of Civil Engineering**

**Expert Lecture on  
'Geotechnics for Sustainable Infrastructure'**

**Speaker:**  
**Dr. Muttana S Balreddy**  
Associate Professor  
Dept. of Civil Engineering SIT, Tumakuru

Date: 12/02/2024  
Time: 10:00 AM

Venue: Seminar Hall  
SIET

**Dr. G Mahesh Kumar**  
Professor & HOD - Civil

**Dr. Narendra Viswanath**  
Principal, SIET  
Academic senate member, VTU



Photos during the Lecture

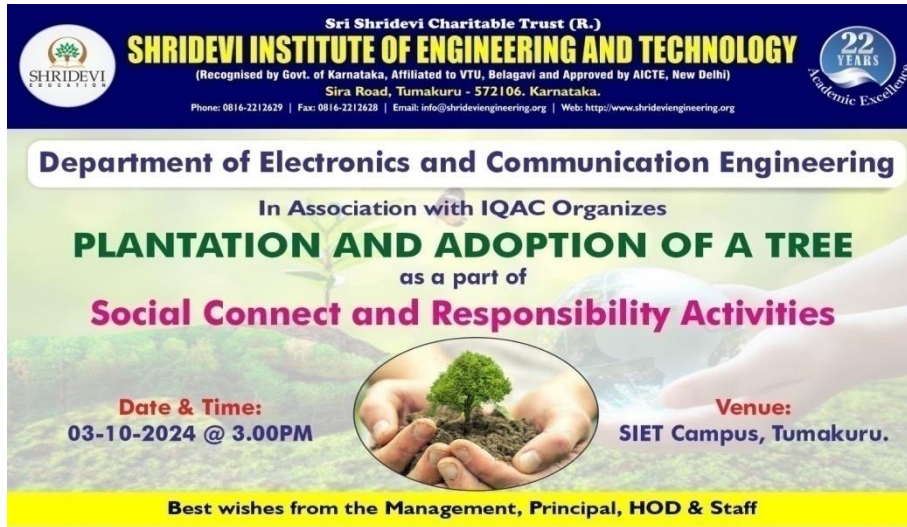
## SOCIAL CONNECT AND RESPONSIBILITY:

### 1. HERITAGE WALK



Photos during the visit

## 2. PLANTATIO AND ADAPTATION :



Sri Shridevi Charitable Trust (R.)  
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**Department of Electronics and Communication Engineering**  
In Association with IQAC Organizes  
**PLANTATION AND ADOPTION OF A TREE**  
as a part of  
**Social Connect and Responsibility Activities**

**Date & Time:**  
03-10-2024 @ 3.00PM

**Venue:**  
SIET Campus, Tumakuru.

Best wishes from the Management, Principal, HOD & Staff



Photos during the Programme

### 3.FOOD WALK



Sri Shridevi Charitable Trust (R.)  
**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
Sira Road, Tumakuru - 572106  
Department of Civil Engineering.  
Conducting  
Social Connect and Responsibility  
Activity  
**FOOD WALK**  
Date: 22/10/24 | Time: 2:00 PM  
Venue: Room No 304, SIET

The poster features an illustration of a food stall with two vendors, one labeled 'TAMALES' and the other 'OSTADAS'. It also includes the Shridevi Education logo and a '22 YEARS Academic Excellence' badge.



Photos during the Programme