

SHRISHTI

NEWS LETTER

JULY 2023

"The world is but a canvas to our imagination."

**DEPARTMENT OF CIVIL
ENGINEERING**



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MESSAGE FROM HOD



Dr. V Preethi

Professor & Head of the Department
Department of Civil Engineering

Greetings! It gives me great pleasure that Department of Civil Engineering is bringing out the third newsletter issue of the year 2023. Our department Students, Staff and scholars have brought laurels in academics and extra-curricular activities to our University. Their hard work and commitment towards the progress of the department is highly appreciated.

PROGRAMMES OFFERED BY THE DEPARTMENT

- **B.Tech. Civil Engineering**
- **M.Tech. Structural Engineering and Construction management**
- **M.Tech. Sustainable Environment Engineering**

FACILITIES AVAILABLE IN THE DEPARTMENT



Survey Lab



Environment Lab



Hydraulic Engineering Lab



Structural Engineering Lab

OTHER LABORATORIES

- **Geotechnical Engineering Lab**
- **Renewable Energy Lab**
- **Transportation Engineering Lab**
- **Strength of Materials lab**
- **Construction Materials lab**
- **Civil Design Centre**



ACADEMIC SCHEDULE: ODD SEMESTER

S.NO	Academic Activity		B.TECH			M.TECH	
			I YEAR	II YEAR	III, IV YEAR	I YEAR	II YEAR
1	Internship			11.07.23 to 31.07.23	12.06.23 to 10.07.23	NA	11.07.23 to 31.07.23
2	Commencement of Induction Programme for First Semester		07.08.23	NA		23.08.23	
3	Registration and Commencement of Regular Classes		30.08.23	01.08.23	12.07.23	28.08.23	01.08.23
4	Continuous Assessment	I Periodical Assessment	09.10.23	24.08.23	17.08.23	09.10.23	24.08.23
		Parents Interaction Day	21.10.23	02.09.23	02.09.23	21.10.23	02.09.23
		II Periodical Assessment	20.11.23	11.10.23	04.10.23	20.11.23	11.10.23
		Practical Exams	02.01.24	10.11.23	10.11.23	02.01.24	10.11.23
		Last Academic Working Day	12.01.24	21.11.23	21.11.23	12.01.24	21.11.23
		"RA" and "Detention List" Announcement	09.01.24	18.11.23	18.11.23	09.01.24	18.11.23
5	End Semester Regular and Supplementary Exam & Results	Commencement of End Semester Regular/ Supplementary Theory Exam	18.01.24	22.11.23	22.11.23	18.01.24	22.11.23
		Completion of End Semester Exams	31.01.24	14.12.23	14.12.23	31.01.24	14.12.23
		Announcement of results of Regular/Supplementary Theory Exams	20.02.24	29.12.23	29.12.23	20.02.24	29.12.23
		Registraton for Revaluation	23.02.24	03.01.24	03.01.24	23.02.24	03.01.24
		Revaluation Results	13.03.24	07.02.24	07.02.24	13.03.24	07.02.24
		Registration for Repeat exams for Regular Courses	18.03.24	17.02.24	17.02.24	18.03.24	17.02.24
		Commencement of Repeat Exams for Regular Theory Courses	20.03.24	22.02.24	22.02.24	20.03.24	22.02.24
		Announcement of Repeat Exam Results	10.04.24	27.03.24	27.03.24	10.04.24	27.03.24
6	Last date for registration of courses for even semester		05.01.24	15.12.23	15.12.23	05.01.24	15.12.23
No of Working Days			90 Days				

EVENTS CONDUCTED

1. INTERNATIONAL SEMINAR ON "BEHAVIOUR & DESIGN OF COLD-FORMED STEEL BUILT UP COLUMNS," DATE OF EVENT: 17TH MARCH, 2023

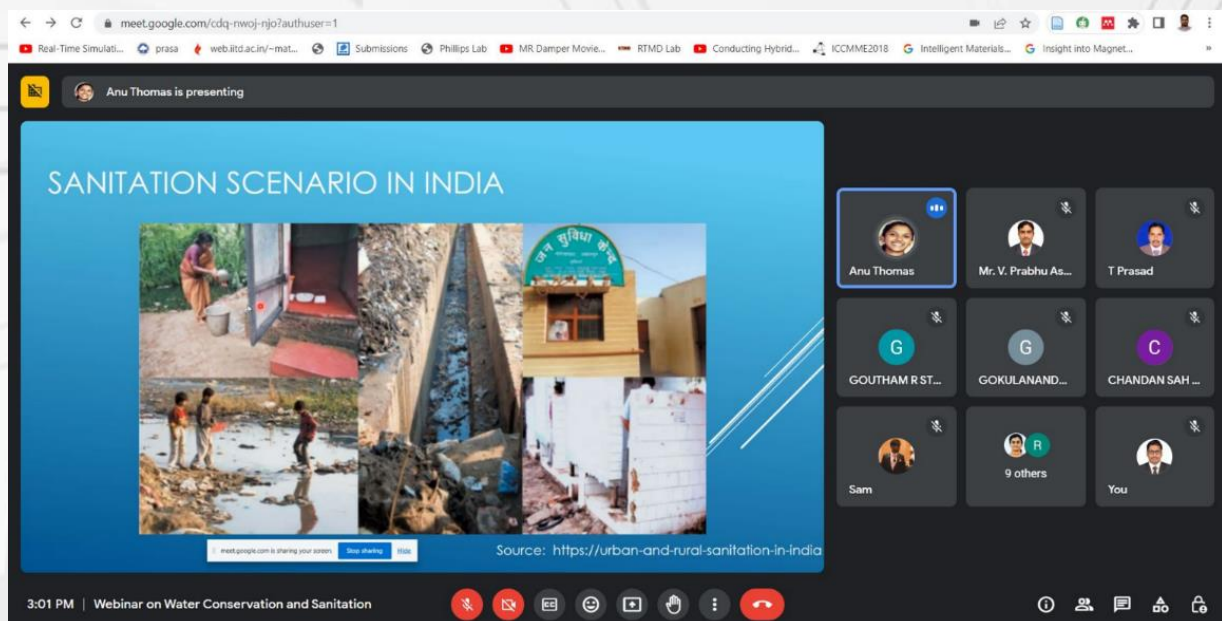


An International Seminar on "Behaviour & Design of Cold-Formed Steel Built up Columns" was organised on 17th March, 2023. Dr. M. Adil Dar, Marie Curie Post-Doctoral Fellow, Department of Civil and Structural Engineering, The University of Sheffield, Sheffield, United Kingdom was the resource person.



2. INTERNATIONAL WEBINAR ON WATER CONSERVATION AND SANITATION

The International Webinar on Water Conservation and Sanitation was organized by the department of Civil Engineering, Hindustan Institute of Technology and Science, Chennai on 13/05/2023. Dr. Anu Rachel Thomas, Post-Doctoral Fellow, University of KwaZulu- Natal, Durban chaired the session. Dr. Anu Rachel discussed the importance of water conservation and role of sanitation in India. A total of 198 participants from various schools and colleges participated in the webinar and got enlightened. A Quiz was also conducted in which 51 students participated.



OUR STAR ALUMNI

ALUMNI



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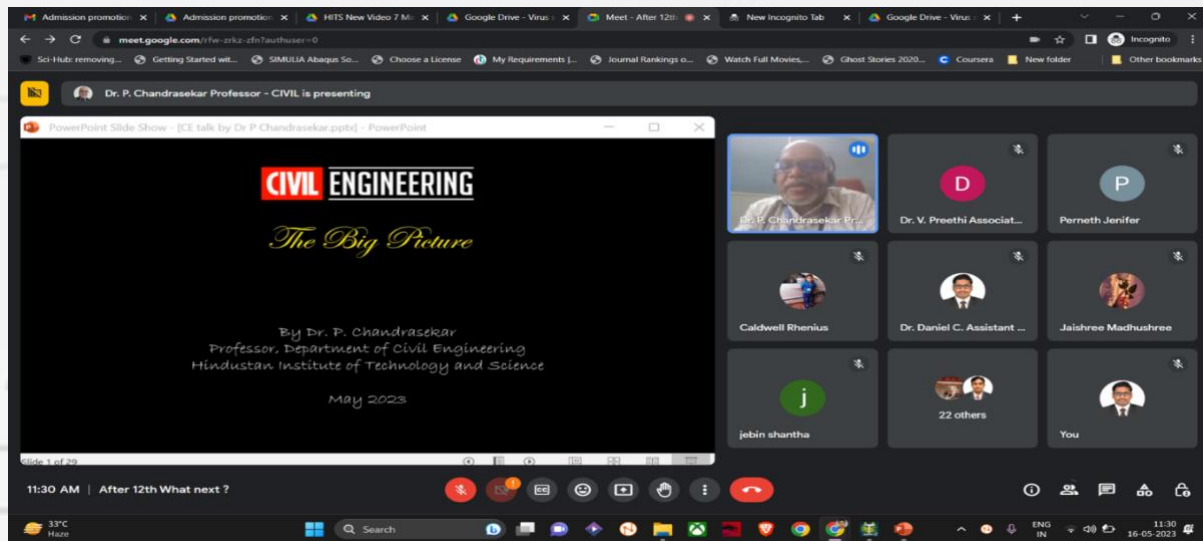
HITS achieved world record of the highest number of online lessons completed

HITS bestowed with "Institute of the Year for Higher education south" award

HITS has various Honours & Minors



3. A CAREER BUILDING WEBINAR ON "WHAT NEXT AFTER 12TH"



The Webinar on "What next after 12th" was organized by the department of civil engineering to notify the significance of career guidance to the school students to think about new and existing program for higher learning. The career development program helped students to choose the right bachelor level program suited to their taste.

EVENTS ATTENDED

1. Dr. V. PREETHI Professor participated in the 5 days virtual Faculty Development Programme (FDP) entitled, 'SUSTAINABLE CONSTRUCTION TECHNIQUES (SCT'23)' jointly organized by Col. Dr. Jeppiaar Research Park, Centre for Ocean Research and Department of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, during 27th to 31st March 2023.



2. **Dr. V. PREETHI**, visited AIT, KMUTT and Southeast Bangkok University in Thailand and Interacted with Prof. Kim, Prof. Prapat and Prof. Chen Wang Kun from AIT, KMUTT (17.05.23 to 31.05.23) and Southeast Bangkok University, Thailand for research collaboration on 24.05.2023. During this visit, Dr. V. Preethi also visited the Environmental Engineering Department, KMUTT Thailand from 17.05.23 to 31.05.23 as a visiting faculty. During this visit, Dr. V. Preethi also visited the Environmental Engineering Department, KMUTT Thailand from 17.05.23 to 31.05.23 as a visiting faculty.



3. **Dr. Shalini R Nair** attended a seven day National Level FDP on "Industrial Revolution: Role of Higher Education in Developing the Future Workforce" from 22.05.2023 to 29.05.2023 conducted by the ACP Academy.

4. **Dr. Daniel C** participated in a three day training program on "Blending Traditional Housing Construction Practice with Modern Technologies" from 13th-15th June, 2023 at Sameti, Mashobra, Shimla, Himachal Pradesh



5. **Dr. Daniel C** attended a seven day Professional Development Programme on "Quality and Effective Research Writing - Phase IV " organized by the Department of Commerce and Accounting & Finance (Shift II), Patrician College of Arts & Science from 6th June - 12th June 2023.



6. **Dr. Daniel C** Assistant Professor attended the Summer Faculty Research Fellow programme -2023 in IIT Delhi from May 30 to July 11, 2023 and conducted a study on Mono pile triangular wing toothed foundation for offshore wind turbine.

INDUSTRIAL VISIT



1. Twenty-five students and two Staff went on an Industrial Visit to Mattupetty Dam, Terrain villa project in Idukki and Kundala Dam, Kerala from 13th – 15th April, 2023.



2. Twenty-three Students and two Staff went on an Industrial Visit to Madras atomic Power Station, Kalpakkam on 28th April, 2023. The Students were given a guided tour of the reactor building with double shell containment, control room, turbine room, generator room and switchyards. There was good interaction between the students and the personnel at MAPS



FACULTY PUBLICATIONS

Name of the Author(s)	Title	Name of the Journal	Publication Details
Ananth S, Dr. Preethi V, Annenewmy B, Sathish Kumar M,	Solar Photocatalytic Hydrogen Production from Pulp and Paper Wastewater	<i>Int. J. Hydrogen Energy</i>	2023, DOI: 10.1016/j.ijhydene. 2023.03.381
Dr. Samuel J, Dr. Jonna P S, & Dr. Shalini R. Nair	Composite Cold-Formed Steel Beams with Diagonal Rebars for Earthquake-Resistant Buildings	<i>Materials</i>	2023
Dr. Preethi V	Guest Editor	<i>Journal Environmental Science and Pollution Research.</i>	2023
Solomon, A. A., Shelton, J. J., & Daniel, C.	Turning low-density polyethylene plastic waste into plastics bricks for sustainable development.	<i>Materials Today</i>	2023

STUDENT PUBLICATIONS

Name of the Author(s)	Title	Name of the Journal	Publication Details
Arun Kumar B, Daniel C, Amudhan V, Sandya Devarajan, Tahara R M K, Arunraj E,	Energy Consumption of Composite Structure in Various Regions in India: A BIM Approach	<i>Civil Engineering and Architecture</i>	11(4), pp: 1776-1794, 2023

DOCTORATES AWARDED

Name of the Scholar(s)	Title	Name of the Supervisor	Date
Dr. K.V. Sabarish	Optimization of ingredients in sustainable concrete with sisal fiber using taguchi method	Dr. T S Parvati	16/03/2023
Dr. P. Ravikumar	Study on the characteristic of fly ash - slag blended geopolymer paste, mortar and concrete under ambient condition	Dr. Jessy Rooby	05/06/2023



Dr. J. Karthick	Air Impact Assessment of SO₂ emission in north Chennai area using aermოდ	Dr. P S Joanna	26/06/2023
Dr. PL. Karuppiah	Flexural Behavior of damaged beams strengthened using CFRP laminates and fabrics	Dr. P S Joanna	05/07/2023
Dr. M. Chinnasamy	Flexural Behavior of high-volume fly ash concrete slab reinforced with Glass Fibre Reinforced Polymer	Dr. P S Joanna	05/07/2023

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