



HINDUSTAN
INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)

SHRISHTI

NEWSLETTER

APR 2023

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

**DEPARTMENT OF CIVIL
ENGINEERING**

**"We shape our buildings, thereafter they shape us."
- Winston Churchill**

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MESSAGE FROM HOD



Greetings! It gives me immense pleasure that Department of Civil Engineering is bringing out the 2nd newsletter issue of the memorable year 2023. Our department staff, students and scholars have won laurels in academics and extra-curricular activities. Their persistent hard work and commitment towards the progress of the department is highly appreciated

Dr V Preethi

**Professor & Head of the Department
Department of Civil Engineering**

FACILITIES AVAILABLE IN THE DEPARTMENT



Survey lab



Environment Engineering Lab



Structural Engineering Lab



Hydraulic Engineering Lab

OTHER LABORATORIES

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

DEPARTMENT EVENTS

SEMINAR



An International Seminar was conducted entitled "Behaviour & Design of Cold-Formed Steel Built up Columns" on 17th March, 2023

FACULTY ACHIEVEMENTS

FUNDED PROJECTS



Seed Grant of Rs. 2 Lacs is awarded to Dr.V.Preethi by HITS for Solar Hydrogen Production from Industrial Wastewater

FUNDED PROJECTS



Seed Grant of Rs. 1.3 Lacs is awarded to Dr. Shalini R Nair by HITS for "Experimental Investigation on Failure Modes of Power Transmission Tower under Cyclone Loading"



Seed Grant of Rs. 2 Lacs is awarded to Dr. P S Joanna by HITS for "Development and Structural Characterisation of Moment Resisting Frames with Pultruded Glass Fiber Reinforced Polymers and Sustainable concrete for Earthquake Resistant Buildings"

FUNDED PROJECTS



Seed Grant of Rs. 1.85 Lacs is awarded to Dr.C.Daniel and Mr. V. Amudhan for doing research on "Self-Powered Magnetorheological Damper for Seismic Resistance of Structures"

TRAINING



Dr. C. Daniel and Mr. V. Amudhan participated in 5 day Faculty Development Training Program on Structural Analysis II organised by SSN college of Engineering, Kalavakkam, Chennai.

INDUSTRIAL VISIT



Internal Industrial Visit to Venus Admin Block, Hindustan Institute of Technology and Science by the students and staff.



Post graduate structural engineering and construction management students of 2nd Semester, Mr Amudhan V and Dr. C Daniel visited a Rocky cinemas construction site Kalavakkam on Old Mahabalipuram Road on 24-03-2023.



STUDENTS' ACHIEVEMENTS

STUDENTS' PUBLICATION

NAME OF AUTHOR	TITLE	NAME OF JOURNAL	YEAR AND PUBLISHED PAGE
Ananth S, Preethi V, Annenewmy B, Sathish Kumar M	Solar Photocatalytic Hydrogen Production from Pulp and Paper Wastewater	International Journal of Hydrogen Energy	11 April 2023
Shankar M.V., Preethi V	A Critical Review on Core/Shell Based Nanostructured Photocatalysts for Improved Hydrogen Generation	International Journal of Hydrogen Energy	12 April 2023
Neelmudiyon V.T., Preethi V, Govindarajan S	A Field Study on the Effect of Burried PVC Pipe Lines for Irrigation in Deevanur Tank System	European Chemical Bulletin	07 APR 2023
Gopinath R, Jessy R	Assessment through Hydrogeochemical Analysis: Implications for Drinking water and Pollution, Ecological Engineering and Environmental technology	Journal of the Balkan Tribiological Association	
Gopinath R, Jessy R	Groundwater quality and geochemistry in southern India: A study of tamilnadu's karur district drinking water sources	Journal of the Balkan Tribiological Association	
Neelmudiyon V.T., Preethi V, Govindarajan S, 23;2023:923-933 Doi: 10.2166/ws.2023.031	Performance evaluation of buried pvc pipe lines for tank irrigation – a case study of deevanur tank, Water Supply	IWA Association	23 JAN 2023

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Instructions for HITSEEE 2023

Last Date for Applying 30 th April 2023	Date of Exam 3 rd May to 10 th May 2023	Mode of Exam Online	Duration 2 Hours (120 Mins)
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Question Type Multiple Choice Questions (MCQs)	Part A Physics, Chemistry & Maths	Part B English, GK & Value Education
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Requirements Laptop / Desktop / Mobile Phone with a reliable internet connection

NOTE: Login ID with password, time slot and details of examination procedure will be sent to your registered mail ID on **30th April 2023**.

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