



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

# **SHRISHTI**

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## **NEWSLETTER**

**FEB 2023**

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

**DEPARTMENT OF CIVIL  
ENGINEERING**





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## **MESSAGE FROM HOD**



Greetings! It gives me immense pleasure that Department of Civil Engineering is bringing out the 1st newsletter issue at the start of a fabulous and 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**

## **CAREER COMPASS 2023**



Department of Civil Engineering, Hindustan Institute of Technology and Science conducted Career Compass 2023 (Open day) for School Students, on Jan 5 and 6, 2023. School students from various schools in and around Chennai participated and got benefitted by visualizing the various Engineering Project displays of the Civil Engineering department

## **STUDENTS ACHIEVEMENT**

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### **INTERNSHIP**



**Vivito Kiba, 7th semester student has completed internship in MIS Igha Construction & Suppliers, Nagaland**



**In the last winter break, final year students from Civil attended internships at companies like Larsen & Toubro, Sarcar Foundation, PWD Government of Meghalaya, Sri AK Constructions, M/S IGHA Construction & Suppliers, where they successfully completed the works assigned and received certifications**

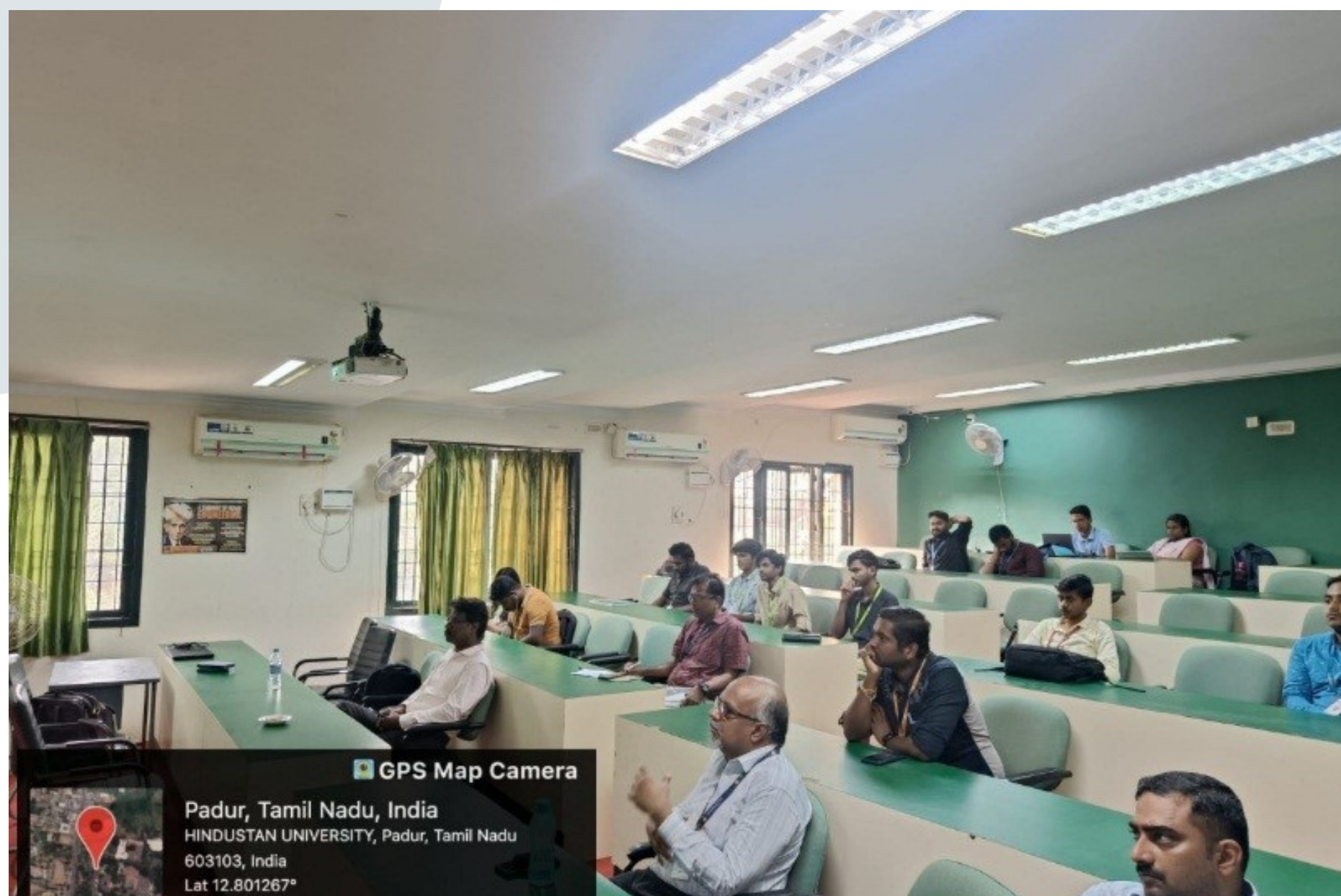
### **CONFERENCES**

**K Vignesh Kumar presented a paper on the topic “Experimental investigation of eco-friendly building blocks utilizing coconut shells” in Second International Conference on International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023), Coimbatore, India, 09.02.2023 & 10.02.2023.**

### **AWARDS**

**Pranav Patil of final year B.Tech was awarded cash prize and certificate for academic excellence.**

## **WORKSHOP ORGANISED**



A Three day workshop on “Software applications in civil engineering” was conducted in Hybrid Mode by Dr.J.Samuel, Dr.P.S.Joanna and Dr.Shalini R Nair

## **FACULTY ACHIEVEMENTS**

### **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.**

## **PRESENTATIONS**



Dr. J. Samuel delivered a lecture on the topic “Engineers can make a difference to the world” for United Nations World Habitat Day Celebrations organized by Kalpakkam chapter of IEI. The theme of the year 2022 meeting was “Mind the gap leave no one and no place behind”. The speech was well received by the participants.

## **UPCOMING EVENTS**

Sl. No	Date	Event
1	17/3/2023	International Seminar on Advanced Structural Engineering
2	31/3/2023	One day workshop on Simulation Modelling in Heterogenous Environment
3	5/4/2023	International Seminar on Intelligent Transport Systems
4	19/4/2023	Seminar on construction failures and maintenance
5	29/4/2023	National level Symposium Shrishti 2K23

## RESEARCH PUBLICATIONS

### FACULTY PUBLICATION

Name of the Author(s)	Title	Name of the Journal	Year and published page
Yoganantham Chinnasamy, Philip Saratha Joanna, Karthikeyan Kothanda, Beulah Gnana Gurupatham, Krishanu roy	Behavior of Pultruded Glass-Fiber-Reinforced Polymer Beam-Columns Infilled with Engineered Cementitious Composites under Cyclic Loading	Journal of Composites Science	2022, 6(11), pp. 338
Benita Merlin Isabella, Joel Shelton J, Arunraj E, Daniel C	"Seismic Performance Analysis of RCC Benchmark Problem with Magnetorheological Damper", Research on Engineering Structures and Materials,	Research on Engineering Structures and Materials	2022, 8 (4), pp. 1-16.
K. Vignesh Kumar, C. Daniel, V. Amudhan, S. Kapilan, E. Arunraj	Experimental investigation of eco-friendly building blocks utilizing coconut shells,	International Conference on International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023), Coimbatore	09.02.2023 & 10.02.2023.
M.Jothilingam Preethi V, P.SriChandana, G.Janardhanan	Fabrication of sustainable green bricks by the effective utilization of tannery sludge as main additive, Structures		48:182-194, 2023.
Shankar M.V, Preethi V	A Critical Review on Core/Shell Based Nanostructured Photocatalysts for Improved Hydrogen Generation	Int. J. Hydrogen Energy	2023
P.Senthilkumar , D.Tensing ,G.Hemalatha, S.VivekanandaSharma, Daniel.C	A Critique on Precast Connections and Connectors subjected to Dynamic Loading	Advanced Engineering Science	54 (09), 2022, pp. 3041- 3056

### STUDENT PUBLICATIONS

Name of the Author(s)	Title	Name of the Journal	Year and published page
Prabhu V., Xavier C.A., Jeffin K., Hemnath K., Akash K. and Subramaniyan A.	Polypropylene Fibre Reinforced Pervious Concrete with Recycled Aggregate.	AIP Conference Proceeding Student Conference Presentation	2452, 050005
K. Vignesh Kumar, C. Daniel, V. Amudhan, S. Kapilan, E. Arunraj,	Experimental investigation of eco-friendly building blocks utilizing coconut shells,	presented in Second International Conference on International Conference on Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023), Coimbatore, India	09.02.2023 & 10.02.2023

## **13TH CONVOCATION 2022-23**



**Hindustan Institute of Technology & Science 13th Convocation 2022 |  
30th September 2022**



Sivathanu Pillai, Former Chief Controller (R&D), DRDO and Founder CEO & MD of BrahMos Aerospace, was the Guest of Honour. Dr. Elizabeth Verghese, Chancellor, HITS and Chairperson, Hindustan Group of Institutions; Dr. Anand Jacob Verghese, CEO, Hindustan Group of Institutions; Dr. S. N. Sridhara, Vice Chancellor; Dr. R.W. Alexander Jesudasan, Pro Vice Chancellor; Dr. Aby Sam, Director; Mr. Ashok Verghese, Director; Dr. Pon Ramalingam, Registrar; Dr. C. Kezi Selva Vijila, COE presenting degree certificate bto our students

**WATCH CONVOCATION ON : <https://www.youtube.com/watch?v=QPeJGQUZNK0>**

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**Dr. Prem Shankar Pandey**  
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**Department of Languages**



**Dr. J. Samuel Assistant Professor (SG) -**  
**Civil Engineering Department**



**Mr. N. Manikanta 4 th semester**  
**Civil Engineering Department**

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