

MOMENTS 16

JULY 2016 -
JUNE 2017
VOLUME 3



OUR FOUNDER
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Integrated,

Entasham Alam, 4th year B.Tech.,

Dear Students and Staff !

The Department of Civil Engineering of HINDUSTAN INSTITUTE OF TECHNOLOGY & SCIENCE, Padur is delighted to bring out this news letter for the staff and student community.

Collaboration between the institute and industry is vital for teaching and learning of any engineering program. By affirming this truth, the Department of Civil Engineering has been organizing a series of programs like International technical seminars, research symposium, talks on ongoing research activities and other related topics from distinguished experts to give our students a practical insight into Civil Engineering,

As a first step, we bring out the details of the events that were hosted in the Civil Engineering, department since July 2016 to June 2017.

We thank our Management, Vice- Chancellor, Dean, HOD, staff, and students for their sincere support and cooperation in bringing out this news letter successfully.

Have a nice reading.

With regards,
Editor - Department of Civil Engineering.

ABOUT THE DEPARTMENT

The Civil Engineering Department was established in the year 1985. It offers one undergraduate programme and four post graduate programmes in Structural Engineering, Construction Engineering & management, Environmental Engineering and Highway Engineering. The department has highly qualified and well experienced faculty who are involved in research in the areas of Structural Engineering, Environmental Engineering, Highways and Water Resources Management etc. The department has successfully completed many research projects funded by government agencies. The department has very close interaction with many leading industries and research laboratories. Students are encouraged to participate in various co-curricular and Extra-curricular activities. CBCS curriculum with OBE practices are fully implemented to help the students acquire knowledge and skills to meet the industrial requirements. At present 26 research scholars are pursuing PhD in the department. There are ten laboratories attached to the department including two research laboratories.

VISION

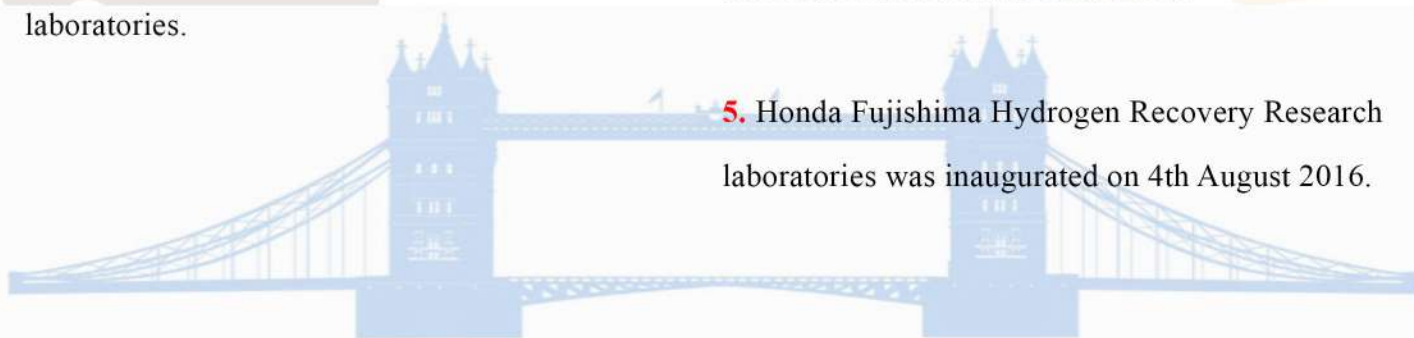
To excel in the field of Civil Engineering integrated with Research.

MISSION

To provide quality education to students, reinforced with technical knowledge, Design skills and research culture in the field of Civil Engineering to meet the societal needs and development.

DEPARTMENT ACHIEVEMENTS

1. Funded project of worth Rs.7.5 lakhs was received from DST for the project, "Recovery of Hydrogen from Sulphide Waste Streams".
2. Sponsorship amount of 2 lakhs was received for the International Conference on Sustainable Environment and Energy (ICSEE'17) from DST.
3. One research scholar was awarded with Ph.D degree.
4. Mr.Ravikumar.P, Associate Professor received the Best Teacher Award from HITS.
5. Honda Fujishima Hydrogen Recovery Research laboratories was inaugurated on 4th August 2016.



INTERNATIONAL CONFERENCE

The Department of Civil Engineering & the Department of Electrical and Electronics Engineering, Hindustan Institute of Technology and Science, organized a two day International Conference on “Sustainable Environment and Energy” (ICSEE'17) on the 6th and 7th of April 2017 at Hindustan Institute of Technology and Science.



NATIONAL SEMINARS

1.Seminar on Advanced “Wastewater Treatment” by Dr.Ligy Phillip, EWRE, IIT Madras was conducted on 4-Aug-16.

2. Seminar on “Role of Judiciary on Waste Management” by Dr.Nagendran, Expert member, National Green Tribunal, New Delhi was conducted , on 4-Aug-16.

3.Seminar on “Prefabricated Structures” by Mr.K.Kamalakaran, General Manager- Utracon Structural System, Chennai was conducted on 17-Feb-17.



WORKSHOP

Workshop on “Ocean Technology & Oil spill Modeling” was conducted on 6th Jan 2017. Chief Guest was Dr.Raju Abraham, Scientist-F, National Institute of Ocean Technology, Chennai.



GUEST LECTURES

1. Guest Lecture on “Concrete Concepts” was delivered on 28-Sep-16. Resource person was Mr.G.Sivakumar, Managing Director, ICOMAT, Chennai.

2. Guest Lecture on “Offshore Structures” was delivered on 23-Mar-17 by M.Bharanidharan, Engineering Manager, L&T Geoinfotech, Chennai.

3. Alumni lecture series celebrating 50 years of Hindustan Group of Institution was conducted on 6-Aug-16, Mr. Arunachalam, Project Manager, Reliance India limited delivered a talk on Pre Engineered Buildings.

FACULTY DEVELOPMENT PROGRAMMES

FDP ON “SOLID WASTE MANAGEMENT”

A Faculty Development Programme on “Solid Waste Management” was conducted by the Department of Civil Engineering on 22nd & 23rd at Hindustan Institute of Technology and Science, Padur.



FDP ON “APPLICATIONS OF SOFTWARE IN CIVIL ENGINEERING”

FDP on “Applications of Software in Civil Engineering” was conducted on 10th & 11th March 2017. Chief Guest was Mr. Keerthi Varman, Director, Navidiz Software Solutions, Chennai. The program had 6 lecture sessions with hands on training on software ETABS, SAFE, WRPLOT and WARM.



TECHNICAL SYMPOSIUM “SHIRISHTI’16”

The National level technical symposium ‘SHRISHTI 2k16’ hosted by the Department of Civil Engineering of Hindustan Institute of Technology & Science, Padur, Chennai was held on 10th Sept, 2015. Chief guest was Mr. Suresh Krishna, Managing Director, Isha Homes Pvt.Ltd.



STUDENT COMPETITIONS

IITM BRIDGE COMPETITION

II Year students had participated in the bridge competition conducted by IIT Madras in the year 2016.



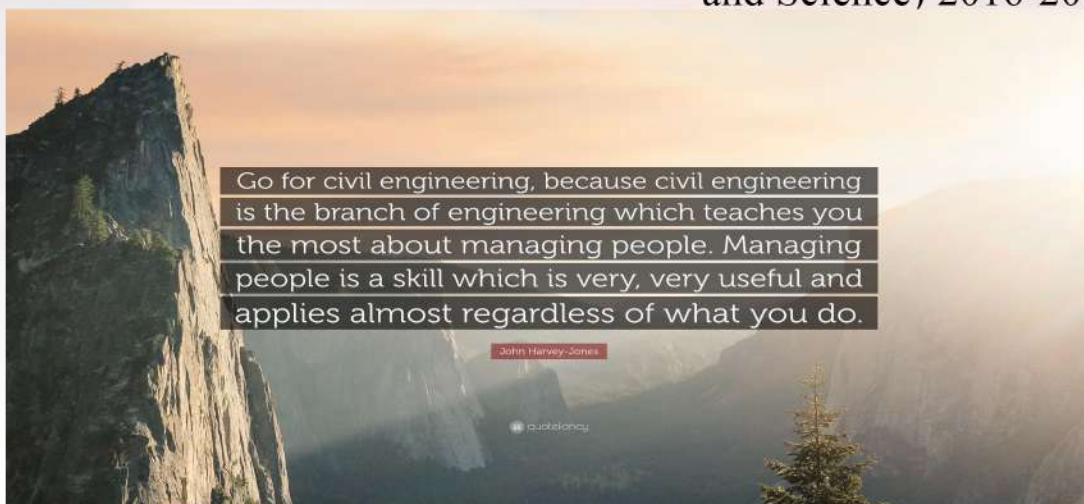
COLLEGE CULTURALS



Samuel Xavier(II Year) -Winner of Oppo Fresh Face.



Mirchi kaloori stars winners (Hindustan Institute of Technology and Science) 2016-2017.



INDUSTRIAL VISITS - STUDENTS

Industrial visit to Bangalore - April 2017 (2016-20 Batch)



Industrial visit to WABAG,
Chennai on 06/10/2016
(2015-19 Batch)



INDUSTRIAL VISITS - STAFF

CHENNAI METRO RAIL

The staff members of Civil Engineering Department visited the Construction site of the underground Metro Rail Station.



KAMARAJ PORT LIMITED

The faculty of Civil Engineering visited the north and south break water wall located at Ennore. It was built using precast tripods tetrapods.

NATIONAL INSTITUTE OF WIND ENERGY

The faculty of Civil Engineering visited the National Institute of Wind Energy located at Chennai.



INDUSTRIAL VISITS - STUDENTS

POONDI RESERVOIR

3rd Students of Civil Engineering Department visited Poondi Reservoir located at Thiruvalluvar district.



INDUSTRIAL VISIT TO AMACE PROJECTS

On October 7, 2016, first year PG students of Structural Engineering , Construction Engineering & Management and third year UG students of Civil Engineering visited the Construction in Sipcot, Guindy.



STRUCTURAL ENGINEERING RESEARCH CENTRE (SERC)

Industrial visit to Wind engineering Laboratories, Fatigue and Fracture Laboratories and Advanced Seismic Testing and Research Laboratory.



A view of the 52 m long Boundary Layer Wind Tunnel

SPORTS EVENTS - STUDENTS

Runners of RELIANCE FOUNDATION YOUTH SPORTS.



SPORTS EVENTS - STAFF

In inter college sports tournament, Civil Engineering department faculty won the women badminton championship, men badminton championship and runner up in cricket.



STUDENT PROJECTS



The project on “Hydrogen Recovery from Waste water”
(Won the Jury’s Choice award)
from HITS.

The project on
“Development of Geo
Polymer concrete based
Pavement blocks”
(Won the best Social Impact
Award) from HITS.



PATENTS FILED

CONSULTANCY

1. Stability check of buildings
in HITS campus

-Dr.Angeline Prabavathy

1. Earthquake resistant cold-formed steel beams
with fly ash concrete encased trapezoidal
corrugated web - Dr.Joanna P.S and R.Diivahar.

2. Earthquake resistant cold-formed concrete
filled double skin tubular beam-columns
strengthened with GFRP wrapping - Dr.Joanna P.S
and T.S Parvathi.

3. Rub Fibre reinforced concrete - Dr. Jessy Rooby
and Bhuvaneshwari.

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(DEEMED TO BE UNIVERSITY)

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