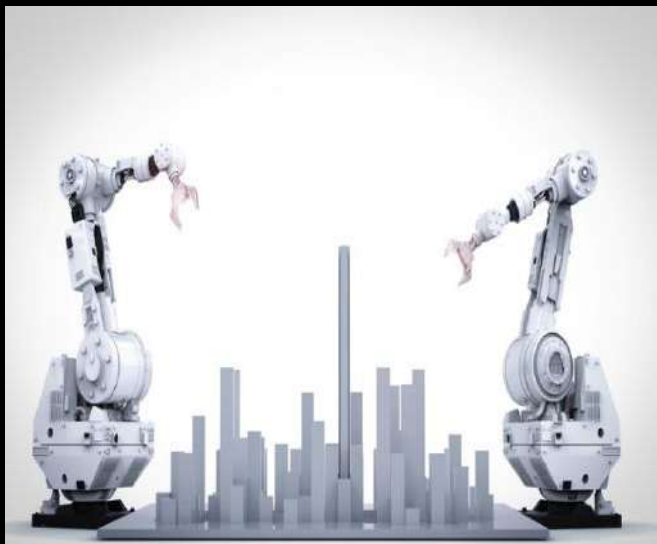


ABOUT THE WORKSHOP

Artificial intelligence has made its way into every area of our lives. The workshop aims to introduce the role of robotics and automation technologies with applications in Civil Engineering in terms of improving quality, productivity, and safety on the jobsite. The lectures by eminent academicians will cover the progress of robotics in civil engineering, fundamental theoretical concepts, case studies and future development.

RESOURCE PERSONS:

- Dr. Benny Raphael, Professor, IIT Madras & Vice-president of IAARC
- Mr.S.Kavin Kumar, Director, Engineering Project Management Consultancy and Research Private limited (EPMCR(P)LTD
- Dr.D.Dinakaran
Head - Centre for Automation & Robotics, HITS
- Dr.M.M.Ramya
Professor, Automation & Robotics, HITS
- Dr. Kuppan Chetty, Assistant Professor, Automation & Robotics, HITS
- Dr. T.P. Somasundaran, HOD Department of Civil Engineering - HITS



ABOUT HITS

Hindustan Institute of Technology and Science is one of the most sought after engineering Institutions in Tamil Nadu, reputed for its highly qualified and experienced faculty and excellent infrastructural facilities for curricular and extra curricular activities, the University has maintained an enviable academic excellence right from its inception. The student community comprises of students from all over India and Overseas. The institution has collaborative partnerships with leading universities in USA, Singapore, Australia, etc. It has students and faculty exchange programs with leading international universities. The university has also received numerous accolades and awards over the years.

Department of Civil Engineering
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Application of Robotics & Automation in Civil Engineering

26th 27th & 28th

JUNE 2019

Department of Civil Engineering
in Association with
Centre for Robotics and Automation
and
International Association for
Automation and Robotics in
Construction



REGISTRATION

Students: Rs.750/- per person

Academician: Rs.1000/- per person

Industry: Rs.1500/- per person

Last date for Registration : **15th June 2019**

Mode of Payment : All payments are to be made by demand draft payable at Chennai drawn in favour of HITS CIVIL SYMPOSIUM, (A/C Number: 255401000003470).

For Spot Registration on 26th June, prior confirmation is required.



DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering Department is one of the oldest departments in Hindustan Institute of Technology & Science started in 1985. It offers one under graduate programme with three specializations and three post graduate programmes in Structural Engineering, Construction Engineering and Environmental Engineering. The department has highly qualified and well experienced faculty who are involved in research in the areas of Structural Engineering, Environmental Engineering, Transportation Engineering, Water Resources Management etc. The department has successfully completed many research projects funded by government agencies and has very close interaction with many leading industries and research laboratories in areas relating to green materials, health monitoring, construction management etc.

IAARC

The growing interest shown internationally towards the end of the 1980's in Automation and Robotics in Construction (ARC) matters led to the formation of IAARC International Association for Automation and Robotics in Construction in 1990. By then a number of international symposia had already been convened and the creation of IAARC satisfied the demand for an umbrella organization. IAARC is a global community with specific concern for all fields of construction including civil and building engineering, machine automation, robotics applications to construction, IT technologies, planning, logistics, etc.

Contact us @

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SCHEDULE

Day 1 (09:30 – 15:30)

- Inauguration
- Opportunities for Automation in Construction
- Construction Automation – Case Studies @ IITM
- Ideation Session – “Formwork Challenge”

Day 2 (09:30 – 15:30)

- Building Health Monitoring
- Application of Artificial Intelligence and Machine Vision in Building Automation
- Application of Robotics in Building Automation

Day 3 (09:30 – 12:30)

- Application of Artificial Neural Network in Civil Engineering
- Valedictory function

