

Registration Details

To register for the workshop, Kindly fill the form at
<https://forms.gle/2LJdnyvaRFwyrpgu5>

Registration confirmation will be sent by email.

Registration Fee

Academicians & Industry persons : **Rs.500/-**

Payment Details (DD / NEFT / IMPS Transfer)

Bank : **INDIAN BANK**

Branch : **KATTANKULATHUR**

Acc. Name: **CIVIL ENGG ASSOCIATION**

Acc. No : **459777789**

IFSC Code : **IDIB000S181**

Note: The Bank DD shall be drawn in favour of
"**CIVIL ENGG ASSOCIATION**", payable at Chennai.

Last Day of Registration: 28th August, 2019

Note: The Registration fee includes the Workshop Kit, lunch and refreshments. The number of seats is limited and the participants will be chosen on first-come-first-served basis.

*No TA/DA will be given.

*Paid accommodation may be provided on request

Address for Communication

The Convenor
Department of Civil Engineering,
SRM IST, Kattankulathur,
Kancheepuram (Dt.) Tamil Nadu, India,
Pin: 603203.

PATRONS

Dr. T. R. Paarivendhar, Chancellor
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Mr. N. Parthasarathi, Assistant Professor
Mr. M. Prakash, Assistant Professor
Mr. C. Arun Kumar, Assistant Professor
Mr. S. Srinivasa Senthil, Teaching Assistant

QUERIES CONTACT

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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

TWO DAYS WORKSHOP ON ANALYSIS AND DESIGN OF COMPOSITE STRUCTURES USING STAAD Pro V8i

ADCSS - 2019

Date: 30th & 31st August, 2019

Convener

Dr. K.S. SATYANARAYANAN
Professor and Head / Civil, SRM IST

Co-Convenor

Dr. V. THIRUMURUGAN
Associate Director, Campus Life

Mr. M. PRAKASH
Assistant Professor

Mr. N. PARTHASARATHI
Assistant Professor

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY DEPARTMENT OF CIVIL ENGINEERING

Faculty of Engineering and Technology
SRM Nagar, Kattankulathur - 603 203
Kancheepuram Dist. (TN)

Venue

Sri Vishveshvaraya Hall, CRC Block, First Floor
Main Campus, Kattankulathur



ABOUT SRMIST

Sri Ramasamy Memorial Engineering College (SRMEC) was started in the academic year 1985-86 at Kattankulathur, Kancheepuram District, Tamil Nadu, India. After being accorded the deemed to be university status in the year 2002, SRM Institute of Science and Technology (formerly known as SRM University) has made rapid strides in the field of education and has now become a multi stream university with six Faculties – Engineering & Technology, Science & Humanities, Medicine & Health Sciences, Management, Law and Agricultural Sciences. SRMIST is one of the top ranking institutions in India functioning in four campuses located at Kattankulathur, Vadapalani and Ramapuram in Tamil Nadu besides a fourth campus at Modi Nagar, Ghaziabad, with over 50,000 students and 3000 faculty, offering a wide range of Undergraduate, Postgraduate and Doctoral programs. Recently SRMIST has been accredited with the highest grade of A++ (A double plus) by NAAC. World renowned ranking agency QS has rated SRMIST as a '4 Star' institute with '5 Star' ratings in Teaching, Employability and Inclusiveness. MHRD has placed SRMIST under Category A. In addition to institutional accreditation, 5 undergraduate engineering programs of Kattankulathur campus have been accredited by different commissions of ABET(USA) (www.abet.org) and IET (UK) has accredited four other programs. This institution hosted the 98th Indian Science Congress in 2011 where distinguished delegates including six Nobel Laureates and other celebrated scientists, academicians and philosophers participated and delivered their thoughts. The launching of SRMSAT satellite in collaboration with ISRO was another milestone. SRMIST was ranked No.1 private engineering institute by Times of India, in 2018. SRM Group has also established State

Private Universities in the States of Haryana, Sikkim and Andhra Pradesh in India.

ABOUT THE CIVIL DEPARTMENT

The Department of Civil Engineering has been in existence since 1985. The academic programmes are B.Tech. Civil Engineering, M.Tech. in Structural Engineering, Construction Engineering and Management, Geotechnical Engineering, Remote Sensing & Geographic Information System, and Environmental Engineering and Ph.D. in Civil Engineering. Well qualified and experienced faculty members form the nucleus of the department. They are specialized in structural, geotechnical, environmental, water resources, transportation, surveying and construction engineering & management and remote sensing and GIS. The labs are well equipped with state of the art equipment. The department holds membership in CIDC (Construction Industry Development Council), INSDAG (Institute of Steel Development and Growth) and CMS (Construction Management Society). A student chapter has been established for Indian Concrete Institute. Experts from industry are regularly invited to deliver lectures and to interact with students and faculty members. B.Tech Civil Engineering program of Kattankulathur campus has been accredited by the Engineering Accreditation Commission (EAC) of ABET, (www.abet.org).

ABOUT THE WORKSHOP

Autodesk design software, curriculum, and teaching resources support the advancement of design and engineering education. Autodesk provides the technology and learning materials to help align classroom learning with industry trends, as practiced by professionals around the world, including Digital Prototyping, Building Information Modelling (BIM), Digital Entertainment Creation, sustainable design, and

interdisciplinary collaboration.

Building Information Modelling (BIM) is an intelligent 7D model-based process that equips Architecture, Engineering and Construction professionals with the insight and tools to more efficiently plan, design, construct, and manage the buildings and infrastructure.

Today's modern and dynamic growth in the field of Architecture, Engineering, and Construction is mainly due to the emergence of a technology called Building Information Modelling. This technology goes hand in hand with convention construction methods in the field of civil engineering whose knowledge is gained in a span of four years study of Bachelor of civil engineering and Bachelor of Architecture and along with this knowledge to sustain our skills in this modern rapidly developing world we also need to deeply study about the BIM technology and various significant tools that drives the technology. In Short Building Information Modelling is approaching a structure that is yet to be built in 7 different dimensions which will be briefly explained and taught in this workshop and the various tools involved to study the dimensions of the structure will also be discussed.

AIMS AND OBJECTIVES:

1. To make the student to study and understand the scope of a project from a client's perspective.
2. To model a structure and to structurally analyse and design the modelled structure.
3. To make the student efficient by giving enough exposure into the technology and the tools by giving them sufficient hands-on practice.