

CIVIL'IVE NEWSLETTER

*The official e-newsletter of The Department of Civil Engineering,
Symbiosis Institute of Technology*



6TH NATIONAL
CONVENTION ON
FERROCEMENT -
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About Civil'ive

WRITTEN BY SAMYAK RAI

CIVIL'IVE is the e-Newsletter of Department of Civil Engineering, Symbiosis Institute of Technology, Pune. This is a communication method suited to the needs and concerns of the time, which will carry information concerned to the important events, happenings, and achievements of the department. This will further create a sense of belongingness amongst the faculty team and students. This e-Newsletter is also intended to provide a stage to showcase the talent of the faculty team and students of the department.

Dr. Sayali Sandbhor / Prof. Sagar Kolekar - Editorial Secretary

Samyak Rai - Chief Editor

Mansi Asati - Co-Editor

Vision of the Department

To contribute to the society by imparting quality education, professionalism, and entrepreneurial skills in the field of Civil Engineering to produce globally competent engineers.

Mission: Department of Civil Engineering

- To impart the latest state of art research-led technical education and skills in a congenial learning environment to meet global societal needs.
- To inculcate professional ethics and lifelong learning through curricular and co-curricular activities.
- To nurture innovation and encourage entrepreneurship in Civil Engineering.

Program Educational Objectives (PEOs)

PEO1 - To apply fundamental skills, knowledge of analysis and design to all the applications in civil engineering.

PEO2 - To contribute towards the development of society by providing solutions with sensitivity towards built environment.

PEO3 -To demonstrate professional and leadership ability for becoming successful entrepreneurs.

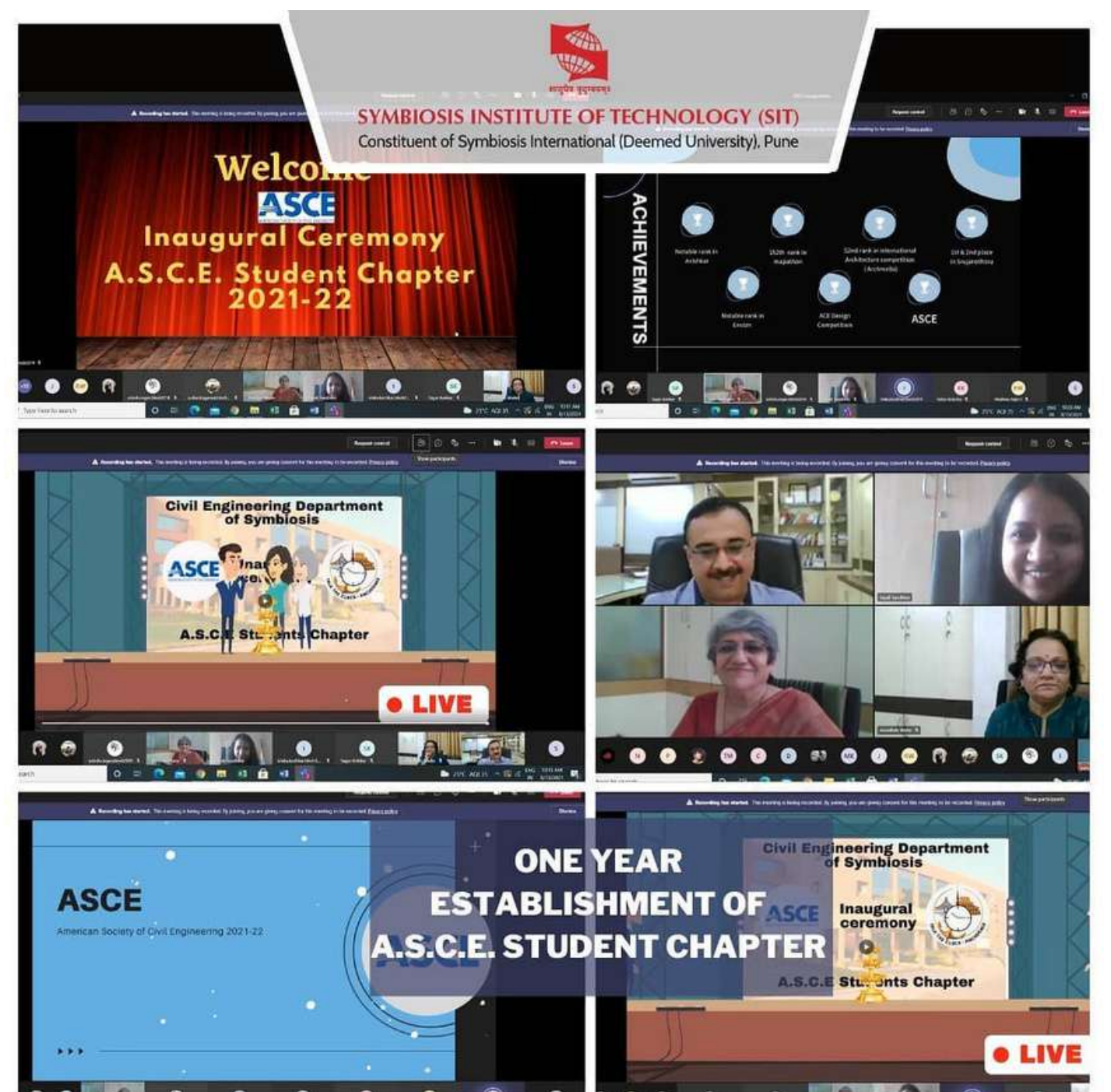
Inaugural Ceremony of A.S.C.E Student Chapter

SIT has now taken its big step into bringing together capable and passionate minds to lead through the American Society of Civil Engineers (ASCE) Student Chapter of 2021-22 as its core board members.

The successful inaugural ceremony conducted on 13th August 2021, marked the start to the ASCE student chapter One Year Period of Establishment. The ceremony was attended by the founder of TTC, our beloved Director Sir, Deputy Director, HoD ma'am, Faculty members and a wondrous number of students.

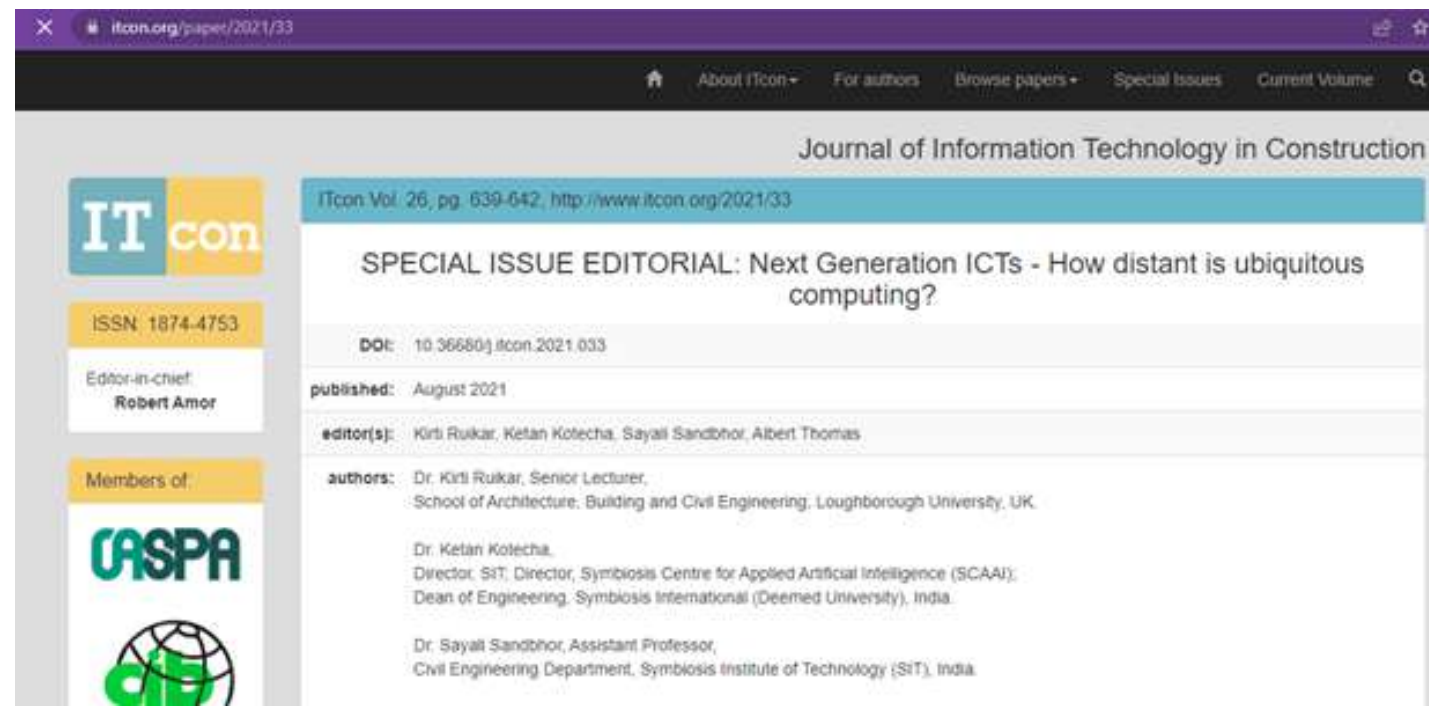
FASCE student chapter comprises of undergraduate civil engineering students, offering them excellent opportunities. Promoting and providing continuing education, encouraging participation in public affairs and inviting students to form a life-long affiliation with ASCE. Those are the goals ASCE strives to achieve.

The mission of our ASCE student chapter is to imbibe the right qualities, professionalism and entrepreneurial skills, to nurture creative thinking, and to promote a technical and research-oriented learning environment that meets the needs of the industry and society.



Journal Special Issue Published Patent Published

Journal special issue in Q2 Scopus indexed International journal ITcon was edited by DR. Sayali Sandbhor along with other collaborators including Dr. Ketan Kotecha, DR. Kirtri Ruikar and Dr. Albert Thomas in August 2021.



Indian Patent Application No. IN202121010948 is published on 30.07.2021 by Indian Patent Office (Mumbai Branch). The said patent application appeared in the Official Journal of The Indian Patent Office (Issue No. 31, dated 30.07.2021) - Part 1.

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202121010948 A
(19) INDIA	
(22) Date of filing of Application :15/03/2021	(43) Publication Date : 30/07/2021
(54) Title of the invention : A SELF-HEALING CONCRETE COMPOSITION AND A PROCESS OF PREPARATION THEREOF	
(51) International classification	:C04B0028040000, C12N0001200000, A01N0063000000, C02F0003340000, C04B0018140000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(71)Name of Applicant :	1)Symbiosis International (Deemed University) Address of Applicant :Gram: Lavale, Taluka Mulshi, District Pune, Pin: 412115 Maharashtra India
(72)Name of Inventor :	1)Dr.Sayali Sandbhor 2)Mr.Siddharth Jain 3)Mr.Shubham Puranik 4)Mr.Nutan Mhetras 5)Mr.Garnaik Sritam

Students' Sports Achievement



Congratulations, Mr. Raj Waswand, Final year, Civil Engineering Department, for his Outstanding Achievement at the National Kickboxing Championship held in Goa from 25-29 November 2021. Mr. Raj participated in the weight category of +89 and played district, zonal, and state level and got selected for the Nationals in 2 events Point fight and Light contact fight. He bagged a Gold medal in both!

With this accomplishment, his total count of National medals has crossed 16!

AICTE Study Tour Grant under YUVAK SCHEME



6th National Convention on Ferrocement

The 6th National Convention on Ferrocement was jointly organised by the Ferrocement Society (India) and the Civil Department of Symbiosis Institute of Technology (SIT Pune), providing a forum for architects, civil engineers and working professionals across India.

The event was available for foreign delegates as well in online mode. Topics discussed in this convention included but were not limited to, projects, R&D in Precast Ferrocement components, the necessity of precast for components, types and techniques for moulds, types of matrix-cement mortar, techniques for precasting and meshes, water conservation, Hybrid or composite construction using ferrocement components, and so on.

Ferrocement is a material of the millennium and an avenue toward Green Technology. For precasting the building components, ferrocement is one of the best technologies. Ferrocement is used to construct relatively thin, hard, strong surfaces and structures in many shapes such as hulls for boats, shell roofs, and water tanks. Ferrocement originated in the 1840s in France and the Netherlands and is the origin of reinforced concrete.

Ferrocement can be considered as a type of thin walled reinforced concrete construction in which small-diameter wire meshes are used uniformly throughout the cross section instead of discretely placed reinforcing bars and in which Portland cement mortar is used instead of concrete.



National Mathematics Day Guest Invite

Prof. Sagar Kolekar, Assistant Professor, Civil Engineering Department, SIT, was invited as a Chief Guest on the occasion of the National Mathematics day Celebration on 22nd December 2021 at the Sri Chaitanya Techno School, Bavadhan, Pune.

Prof. Kolekar graced the program by addressing the students with his valuable guidance and motivation.



Guest Talk by Mr. Irfan Khan

Civil Engineering Department, SIT invited Mr. Irfan Khan to deliver a talk on "International Construction Practices- A case study of Palm Tower at Palm Jumeirah".

Our guest shared his experiences while working on this prestigious project and also discussed some crucial aspects of Modern International construction practices in the UAE.

About Mr Irfan Shah Khan:

Mr Irfan is a well-noted Civil QA/ QC Engineer at TROJAN construction, UAE with a master's in structural engineering who has worked on several successful projects such as Palm Tower at Palm Jumeirah and several other projects in the UAE.

His areas of expertise include QA/QC, Structural & Architectural inspections, and Precast structures.

