

CIVIL'IVE

MADE BY - SAMYAK RAI & MANSI ASATI



DEPARTMENT OF CIVIL ENGINEERING

WE SHAPE OUR BUILDINGS THEREAFTER
THEY SHAPE US.

- WINSTON CHURCHILL

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ABOUT SYMBIOSIS

Symbiosis Institute of Technology, a constituent of Symbiosis International University was established in the year, 2008 and currently offers B. Tech programmes in Civil Engineering, Computer Science and Engineering, Electronics & Telecommunication Engineering, Mechanical Engineering, Artificial Intelligence & Machine Learning and Robotics & Automation and M.Tech programmes in Artificial Intelligence & Machine Learning, Robotics & Automation and Embedded Systems. Research programmes leading to Ph. D. Degree were introduced in Faculty of Engineering of Symbiosis International University in 2010 and many more.

The Institute endeavors to provide quality technical education in line with the requirements of today's competitive industry and fast paced technological developments. The curriculum developed by the Institute lays a stress both on basics and latest developments. Realizing the fact that faculty is the most important resource, special efforts have been made to find, recruit and retain highly qualified and competent faculty. .

Infrastructure created and acquired by the Institute, like all other Symbiosis Institutes, is of a very high quality and includes multimedia classrooms, well equipped labs including software for CAD/CAM, simulations and other applications, well stocked modern library with digital media, auditorium, seminar halls, separate hostels for boys & girls and playgrounds

The Institute provides an environment conducive for harnessing the potential of both faculty and students through systematic and effective planning and control of the teaching learning process, both within and outside the classroom.



VISION

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 OF THE DEPARTMENT

- To impart the latest state of art research-led technical education and skills in a congenial learning environment to meet the 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.

PEO'S

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.

INTERNATIONAL COLLABORATIONS & TECH-FEST

The basic teaching learning process is supplemented by organizing techfests, cultural programmes, sports competitions, industry-institute meets, guest lectures by renowned personalities and student exchange programmes with foreign universities.

The Institute has international collaborations for student and faculty exchange with Nanyang Technological University Singapore, Ingolstadt University Germany, Purdue School of Engineering,IUPUI Indianapolis USA and Leibniz University Hannover.

Engineering is the closest thing to magic that exists in our world

Elon Musk

Clubs in Civil Engineering Department

1. **CESS** (CIVIL ENGINEERING SOCIETY OF SYMBIOSIS)
2. **ASCE** (THE AMERICAN SOCIETY OF CIVIL ENGINEERING)
3. **TTC** (TALK THE CLOCK ANCHORAGE)



CESS 2022-23

POST	ROLE
PRESIDENT	To manage the overall plan of action and coordination between the team and faculty.
SECRETARY	Taking care of everything under the umbrella of president.
VICE PRESIDENT	To manage the overall plan of action and coordination between the team and faculty along with the president and take up the work load in his absence.
ANNUAL EVENT HEAD	Thinking and planning the events throughout the year.
SPONSORSHIP HEAD	Holding the responsibility to get in touch with companies for sponsorship for events throughout the year, including CAPOMAESTRO.
S-R HEAD	Holding the responsibility to get in touch with colleges for participation for events throughout the year, including CAPOMAESTRO.
DESIGN HEAD	Holding the responsibility to prepare all the creatives for events throughout the year, including CAPOMAESTRO.
DOCUMENTATION HEAD	Holding the responsibility to prepare document and reports for events throughout the year, including CAPOMAESTRO.
SOCIAL MEDIA HEAD	Holding the responsibility to post all the creatives for events throughout the year, including CAPOMAESTRO.
LITERATURE HEAD	Holding the responsibility to prepare writeups for content including e-mails,captions, MoU, blog writings, proof checking etc. for all the creatives for events throughout the year, including CAPOMAESTRO.
ACCOLADES HEAD	Holding the responsibility to maintain list of all the winners for events throughout the year, including CAPOMAESTRO.
TECHNICAL HEAD	Holding the responsibility of all the technicalities for events throughout the year, including CAPOMAESTRO.
FINANCE HEAD	Mainting all the expenditure.

AIR 2 IN ASCE 2022-23

With an AIR-2 and a renewed willpower, our students participated in the ASCE Concrete canoe 2022-2023 at USA Symposium.

The team was named as 'VARUNA', after the God of Sea. The team got the chance to represent Asia due to surprising circumstances and persisting will to showcase their work.

The team has put in day and night efforts for more than 7 months in making it happen. It took multiple concrete mix designs, countless simulations of canoe design and selecting the best out of hundreds of materials based on characteristic properties to finalize the best combination!



The team participated in the competition via a onlinerepresentation in the Texas Symposium of the ASCE. A display of the materials used was made on the day of presentation to ensure complete transparency. A display of the three iterations of the canoe ie. 2 feet, 7 feet and the 18 feet canoe was made as well.



INDUSTRY CONNECT

ExploreIT and Adar Poonawalla Clean City Initiative at APCCI office at Mittal Court

Had a pointers based meeting with ExploreIT and Adar Poonawalla Clean City Initiative at APCCI office at Mittal Court. Had face to face discussion with CEO of APCCI Mr. Krishnan Komandur on Collaborative B.Tech project on live societal issue of waste. Soon students can work with Adar Poonawalla Clean City Initiative Projects. Service learning calendar with many exciting opportunities for students of Civil Engineering chalked out for next semester.



Team of Builders Association of India visited to SIT on the occasion of Technical fest

SITE VISIT TO PRECAST INDIA INFRASTRUCTURE PVT. LTD.

Department of Civil Engineering under the supervision of Dr. Sanjay Kulkarni conducted a site visit for the Batch of 2020-24 & 2019-2023 on 9th of November 2022 to witness the working and functioning of the Precast India Infrastructure, Pune. Precast India Infrastructures Pvt. Ltd. is between one of Pune's a Pioneering joint initiative most reputed civil contractors, Bhate Raje Construction Company Pvt. Ltd.



It was founded in 2010 with a mammoth production facility in Wade Bolhai, on the outskirts of Pune. PI IPL undertakes high volume contracts for IT buildings, commercial complexes, Industrial buildings. A Full-fledged precast solution for residential buildings will also be available very soon. PI IPL offers a one-stop 'design and build' solution. Since the start of Full-scale production in April 2012, PI IPL have successfully completed several projects in and around Pune with a cumulative built-up area close to 4 million Sq. ft. Work on 3 landmark projects is already under way, with a Multi-Level Car Park for Infosys in Hinjewadi, The World Trade Centre Towers in Kharadi and state of the art Engine Testing Facility for Cummins India Limited in Kothrud

Visit to Water Treatment Plant with online SCADA monitoring station

Students and faculty from of civil engineering SIT visited PCMC water treatment plant on 6th October 2022.



GUEST TALKS

Expert talks at universities are often conducted to provide students with insights and perspectives from industry experts, researchers, or professionals in various fields. These talks can broaden students' understanding beyond their regular curriculum, expose them to practical applications of their studies, and inspire them to explore different career paths. Additionally, guest talks can facilitate networking opportunities for students and enable them to learn from real-world experiences and challenges. Working on the similar lines, the Civil Engineering Department at SIT organizes multiple Expert talks on varied topics.

Visit to NABL accredited material testing lab

Our Alumni and entrepreneur Mr Samar, very well explained and demonstrated the different aspects of his NABL accredited material testing lab. The students were astonished and inspired listening to his journey right from college to entrepreneurship



Guest Talks

The Importance of Scaffolding in Civil Engineering

Er. H. S. Anand

GUEST SPEAKER

Chairman
Builders Association of India,
Pune Centre

Tuesday | 10:30 AM | 28th FEBRUARY 2023

join offline SESSION

SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT) ASCE

CONSTRO INTERNATIONAL EXPO-2023

Constro, India's largest International Fair from the past several times has been held on the Agricultural College Grounds, Pune. Constro has matched the International Standards in terms of facilities offered and overall business and social ambience. To make the most of this opportunity, our students visited the exhibition on 13 January, 2023.



MR. SURJIT SINGH , HEAD GLOBAL SALES,
TECHNOSTRUCT ACADEMY VISITED
CIVIL DEPARTMENT



FERROCEMENT WORKSHOP

Civil Department in collaboration with Ferrocement Society of India, conducted hands-on workshop on application of ferrocement for the Civil Engineering students of 2019-23, 2020-24, 2021-25 Batch.



INTERNATIONAL GUESTS @ CIVIL DEPARTMENT

Loughborough University, UK visited Civil Engineering Department, SIT

On 1st November 2022, Department of Civil Engineering hosted Institute and Department visit for the delegation from Loughborough University, UK. Following delegates from Loughborough University were present.

- Prof. Nick Jennings - Vice-Chancellor and President of Loughborough University
- Martyn Edwards – Director of Marketing and Advancement
- Dr Kirti Ruikar – University Special Envoy (India), School of Architecture Building and Civil Engineering (ABCE)
- Prof Bala (Vaidhy) Vaidhyanathan - University Special Envoy (India), Department of Materials
- Tanika Dhiri – Graduate Management Trainee
- Sanjana Mannadiar – International Officer for South Asia

With Civil department's existing collaborative ties with School of Architecture, Building and Civil Engineering, Loughborough University, the visit was helpful in drafting way forward!

During the visit, the team was briefed about ongoing funded project.

under EU India Horizon 2020 along with Commonwealth scholarship of PhD scholar visiting Loughborough for one year.



INTERNATIONALIZATION

PAVITR CONSORTIA PARTNERS' MEET AT SIT

The European partners in the PAVITR Project visited SIT, on January 21, 2023. The visit continued for a few days and consisted of the delegation visiting the two of the Projects at Lavale village and the Symbiosis International Deemed University



LOUGHBOROUGH UNIVERSITY SIT GROWING CORDIAL RELATIONSHIP

Mr. Rob Reeves, Loughborough University, visited SIT. Apart from this, we are very happy to officially announce SIT's Very First 4+1 (B. Tech + MSc) Program with International University offered at Civil Engineering Department, SIT in association with School of Architecture, Building and Civil Engineering, Loughborough University, UK. Students of Civil Engineering of all existing batches and upcoming batch would be able to avail this opportunity to get Masters degree from UK University ranked 2nd in Building Domain. As a part of the offer, all students will get 20% waiver in fees. Students with First class and above will get 25% waiver.



INTERNATIONAL GUEST TALKS/ COURSE CO-TEACHING

Internationalization at Civil Department aims at providing latest state of art technical education and research in congenial learning environment to meet the societal needs.



INTERNATIONAL GUEST FROM SEECON ORGANIZATION VISITED TO PAVITR PROJECT SITE



Dr. Johanees Heeb, SEECON International, Switzerland visited Civil Engineering Department, Symbiosis Institute of Technology, Pune. He also had a student interaction on “Entrepreneurship and Capacity Development” and also visited PAVITR project site situated at Lavale village.

INTERNATIONAL YOUTH AND SUSTAINABILITY FESTIVAL -2023

The International Youth Sustainability Festival (IYSF) was organized from 4-5 March 2023. Students from the second year at the Civil Engineering Department participated in this festival.

A poster presentation competition was held there, in which Mr Pranav Jadhav, Mr Arman Joshi, Miss Ria Rai and Mr Sanskar Chandravanshi won the first place.



INDUSTRY CONNECT

B.Tech Project evaluation by Civil Alumni of Batch 2009-13

Felicitating Mr. Ashish Pawar, Founder Director, Quadrone Reality, and Mr. Karunesh Jain, Founder Director, Moonwater (Alumnus 2009- 13 batch). B.Tech project evaluation was done by Civil Alumni of batch 2009-13 on 15th November 2022



Guest Lecture under ICI Chapter

A guest lecture was organized on 3rd November 2022 in collaboration with Indian Institute of concrete on "Impact of temperature on concrete". Mr Amit Haridas who is principal consultant of "Concrete Info" delivered a informative lecture. Mrs Sucheta Kalawar, Secretary of Indian Concrete Institute accompanied the session. At the end of session, the summer internship certificates were also distributed by guest speaker.



INDUSTRY CONNECT

TRAFFIC EXPO EVENT AT MUMBAI

Prof. Rushikesh and Prof. Humera from Civil Engineering Department, SIT visited Traffic Expo event, Mumbai on 17th November 2022.



Guest lecture delivered by Mr. Manoj Kumar Daniel, DGM, Maha Metro Rail Corporation Limited Pune

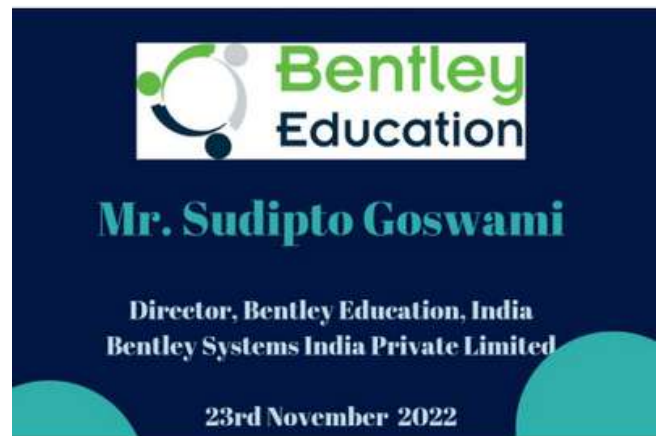


Guest lecture delivered by experts from builders Association of India



ASCE AGM EVENT AT MUMBAI

Dr. Sayali Sandbhor SIT was invited to attend ASCE, Annual General Meeting, at World of Concrete Expo Mumbai on 14th October 2022



KEY ACHIEVEMENTS

The students from Civil Department, SIT delivered a presentation during Annual General Meeting of American Society of Civil Engineers.



SIT students' presentation in ASCE AGM

Dr Sayali Apte from Civil Engineering Department, SIT received recognition certificate for completing 2 reviews for Elsevier Q1 journal



Dr Sayali Apte successfully completed ISO 14001 Lead auditor certification for environmental management system



14 students of Civil 2019-23 batch selected by Godrej Properties for Internship with stipend 25000/- Per month and Pre-placement offer CTC 7 to 8 LPA



Prof. Rushikesh and his team completed experimental set up for BLE Beacon based Indoor Positioning System. Thanks to Bar Code India Ltd for providing the hardware and sharing the technical expertise.



SIT is officially a fully functional ASCE student Chapter. One year establishment period activities application approved by ASCE

Civil Engineering Society of Symbiosis completed 10 years and annual handover ceremony was held on 23rd August 2022



Civil TTC team secured first position in Indian Concrete Institute's National Poster Presentation and won prize money of 31000/-



Dr Sayali Sandbhor , Prof Vaishnavi Dabir and Prof Mugdha Kshirsagar received best paper award at ISHVA 2022



AICTE AMRIT SAROVAR INTERNSHIP

AICTE Amrit Sarovar Internship for 15 students with 2 lakhs funding was successfully completed in given span of 15 days. It included study of Wadhale lake Panel, site visit, making of 10 posters on given topics and its submission to AICTE as well as Urban Local Body of Panvel.



Mr. Vinayak Bidave (2020-24)
secured first position in Inter
Institute Badminton championship.



Mr. Saketh Bharthipudi (2019-23)
secured first position in Inter
Institute Table Tennis
championship

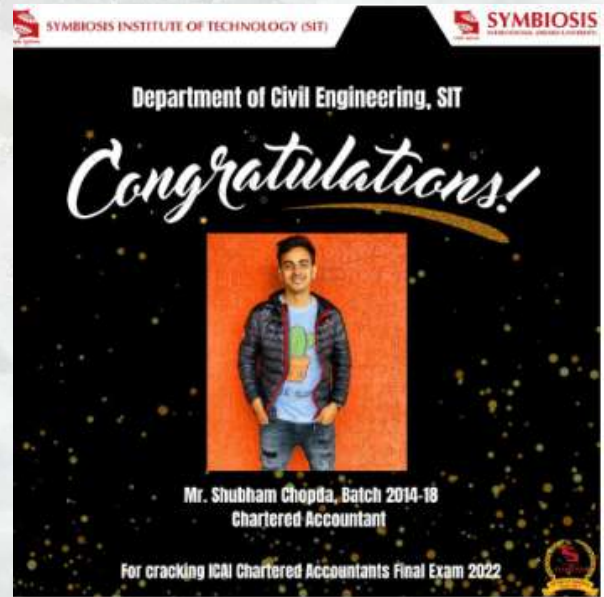


**Students of Batch 2019-23 got
selected for IFAT University
Challenge 2022**



Alumni Achievements

Mr. Shubham Chopda, Batch (2014-2018) cleared ICAI Chartered Accountants Final Exam 2022



Mr. Ajinkya Barmukh (2015-2019) on bagging the prestigious DAAD SCHOLARSHIP for undertaking fully funded Masters Program in "Hydro Science and Engineering" at TU Dresden, Germany

Mr. Raj Waswand (2018-2022) won Silver Medal for India at Asian Kickboxing Championship, December 2022



Mr. Ashish Ranjan (2018-2022) bagged the Bank of Baroda Achievers - Best All-Rounder Award



NATIONAL LEVEL PAPER PRESENTATION COMPETITION

Miss Mansi Asati won the first place in the National Level Paper Presentation Competition organized by ASCE India student symposium. The topic for the paper was 'Waste Composite as Fine Aggregate Replacement for Lightweight Concrete.'



PARTICIPATION AT NIRMITEE 2023

Students from the Third Year from the Civil Engineering Department participated at NIRMITEE-2023, organized by MIT WPU University. It was organized by the MIT School of Civil Engineering on 16 and 17 April 2023. Miss Mansi Asati and Mr Samyak Rai won the Third prize in the event 'Pitch Hunt'.



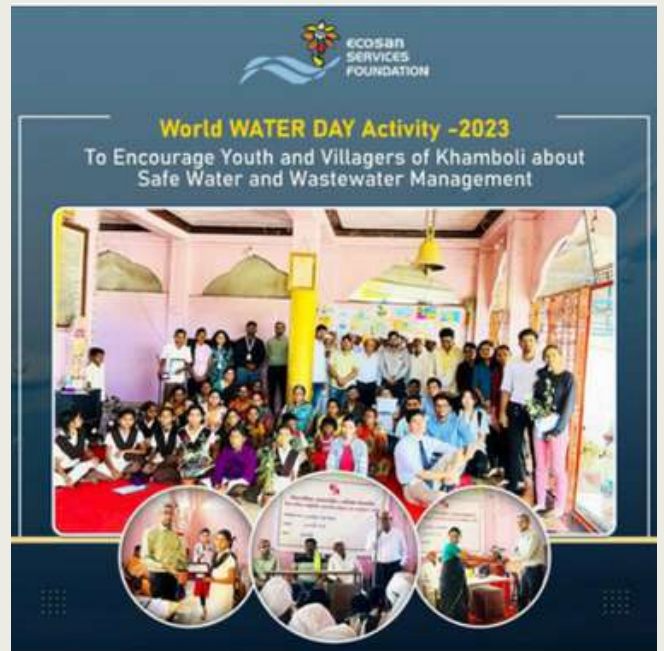
PARTICIPATION IN TECHNIKALA 2023

The NICMAR Institute organized the event 'Technikala' from 10 March to 12 March 2023. Mr Vinayak Bidave, a student from Third Year at Civil Engineering Department of SIT participated in the 'badminton' section of the competition and won the First place



SERVICE LEARNING AND WORLD WATER DAY CELEBRATIONS

The students in their even semester of the Second Year had 'Service Learning' as a part of their curriculum in which they learn the 'JOY OF GIVING BACK TO THE COMMUNITY'. A part of the students who worked with Scope assessed the Water and soil quality of a village named Khamboli, Tal. Mulshi, Pune. Out of one of the several visits, the students celebrated WORLD WATER DAY, which happens to be on 22 March, 2023. The students organized and executed a few skits themed around the importance of water and waste management.



FACULTY ACHIEVEMENTS

Making a Difference: The Role of Climate Philanthropy in Tackling the Climate Crisis **JANUARY 11, 2023**

Climate change is one of the most pressing issues of our time, with the potential to disrupt global ecosystems, displace communities, and threaten human civilization as we know it. Philanthropy has a critical role to play in addressing this crisis, by providing funding and support to organizations and initiatives working on the front lines of climate change.

Climate philanthropy, also known as "green giving," is the use of charitable funding to support efforts to mitigate and adapt to the effects of climate change. This can take many forms, from funding for research and education to support for advocacy and policy change, to investments in clean energy technologies and community-based projects. One of the key areas of focus for climate philanthropy is funding for research and innovation.

For example, the ClimateWorks Foundation has provided funding to organizations working on climate policy in various countries, to promote clean energy and sustainable development policies. In addition to funding research and advocacy, philanthropy can also support efforts to help communities adapt to the impacts of climate change that are already being felt. Sea level rise, more frequent extreme weather events, and changes in precipitation patterns are all having a major impact on communities around the world, particularly in developing countries. Philanthropy can help to fund community-based projects and programs that help these communities to better prepare for and cope with these impacts.

For example, The Rockefeller Foundation has funded projects in coastal communities in West Africa, helping them adapt to sea level rise by building sea walls and improving drainage systems. Another critical aspect of climate philanthropy is funding for clean energy technologies. Philanthropy can help to support the development and deployment of clean energy technologies, such as solar and wind power, that can help to reduce greenhouse gas emissions and mitigate the impacts of climate change.

By providing support for scientists and researchers, philanthropists can help to advance our understanding of the causes and impacts of climate change and develop new technologies and strategies for addressing the crisis. For example, the Bill Gates Foundation has invested heavily in research related to bioenergy and carbon capture, with the goal of developing sustainable ways to produce and use energy that do not contribute to climate change. Another important area of focus for climate philanthropy is advocacy and policy change. Philanthropic funding can help to support organizations that are working to promote policies and regulations that will reduce greenhouse gas emissions and mitigate the impacts of climate change.

For example, the Energy Foundation has provided funding to support the development of renewable energy in China, which is helping to reduce the country's dependence on coal and improve air quality. Climate philanthropy is a critical area of giving, as it helps to fund the research, advocacy and community-based projects that are necessary to mitigate and adapt to the impacts of climate change.

. It is important for philanthropists, foundations and organizations to recognize the urgency and importance of this crisis and channel funding and support towards organizations that are making a meaningful difference on this pressing issue.

It is also important to note that Climate Philanthropy is not just about providing funding, but also it is about using the influence, voice and convening power that philanthropies have to drive systemic change and bridge the gap between science, policy and practice, to accelerate the transition to a low carbon, resilient and sustainable world.

NATIONAL CONFERENCE ON SUSTAINABILITY IN CIVIL ENGINEERING

Dr. Sayali Apte, Assistant Professor at Civil Engineering Department, SIT was given the honour of being the Keynote Speaker at the National Conference on Sustainability in Civil Engineering. Dr. Sayali Apte is an expert in Environment and Sustainability

Overall, climate philanthropy is a powerful tool for addressing one of the most pressing issues of our time. By providing support for research, advocacy, community-based projects, and clean energy technologies, philanthropy can help to mitigate the effects of climate change and promote a more sustainable future for all.

BY: PROF. RUSHIKESH KULKARNI

PATENTS PUBLISHED BY FACULTY

Being a part of a dynamic and research nurturing institute, the faculties have been a part of several research projects and published patents. Dr. Sayali Apte published a patent along with other department faculty. While Dr. Kanchan Khare and Dr. Vaishnavi Dabir along with others published the second patent

Chief Patrons:
Shri. Sanjay Agrawal, Chairman, JES
Shri. Ajay Agrawal, Secretary, JES
Shri. Jayesh Goyal, Trustee, JES

Patrons:
Prof. S. M. Bang, Director, JES
Prof. N. H. Patil, Director, JES
Shri. A. P. Dorsawar, Executive Director, JES
Dr. S. V. Gonskar, Principal, JCOEM
Dr. J. P. Modak, Technical Advisor, JCOEM

Advisory Committee:
Dr. R. Ingole, NIT Jammu
Dr. P. Khobragade, RCE, Raipur
Dr. S. L. Haridas, Dean Academics, JCOEM
Dr. S. B. Vaishnav, Dean R&D, JCOEM
Dr. U. S. Dunge, Dean RPD, JCOEM
Dr. N. V. Prashnyakar, Dean Studies, JCOEM
Prof. P. M. Mahalkar, Dean Diploma

Themes of Conference:

- Sustainable building materials and technologies
- Sustainable design and construction practices
- Green infrastructure and sustainable urban development
- Sustainable transportation and mobility
- Sustainable water and waste management
- Sustainable energy and renewable resources
- Sustainable land use and natural resource management
- Climate change and resilience in civil engineering
- Life cycle assessment and sustainable decision-making in civil engineering
- Environmental impact assessment and mitigation in civil engineering projects
- Public policy and regulatory frameworks for promoting sustainability in civil engineering
- Social and economic dimensions of sustainability in civil engineering
- Innovative financing mechanisms for sustainable construction projects
- Case studies and best practices of sustainable construction projects

Call for Papers:
The conference is open to civil engineers, architects, researchers, academics, and industry experts who are interested in sustainability in civil engineering. The conference aims to attract participants from various backgrounds and organizations, including universities, research institutes, government agencies, and private sector companies.

Important Dates:

- Submission of Abstract: 24th March 2023
- Notification of Acceptance of Abstract: 27th March 2023
- Submission of Full Text: 29th March 2023
- Last Date for Registration: 30th March 2023

Registration Fees:

Industry Professionals	Rs. 500/-
Faculty/Academicians	Rs. 200/-
Student Participants	Rs. 100/-

Keynote Speaker:
DR. SAYALI APTE
Expert in Environment and Sustainability
Senior Faculty Department of Civil Engineering
Symbiosis International University, Pune

Convener:
Prof. Atika A. Ingole, HoD Civil

Co - Convener:
Prof. Gaurav H. Rangari
Prof. Kamlesh K. Meshram

Organizing Secretary:
Prof. Rishi Chauhan, HoD Diploma

Organizing Committee:
Prof. Shabli J. Khan
Prof. Abul D. Gausam
Prof. Nilesh R. Pal
Prof. Tejaswini S. Jureghare
Prof. Shital A. Nougare
Prof. Tinu M. Khandale

Registration Details:
Link for registration: <https://forms.gle/Lm9h8LzgmcurSD0M7>

Scan for fees payment

DEPARTMENT OF CIVIL ENGINEERING, SIT PUNE

CONGRATULATIONS

Dr. Sayali Apte **Ms. Suparna Ghosh**

Patent Published:
ELECTRO-CHLORINATION SYSTEM WITH ELECTRODE COATED WITH CHROMIUM NITRIDE FOR GENERATION OF IN-SITU CHLORINE FOR THE DISINFECTION OF DRINKING WATER
April 2023

DEPARTMENT OF CIVIL ENGINEERING, SIT PUNE

CONGRATULATIONS

Dr. Vaishnavi Dabir **Prof. Kanchan Khare** **Dr. Anura Bhagat** **Ms. Anjana Prasad**

Patent Published:
A MODIFIED COIR GEOTEXTILE MATRIX AND METHOD OF PREPARATION THEREOF
January 2023

SYMBIOSIS STAFF SPORTS FEST 2023

The Symbiosis Staff Sports Fest was organized in January 2023. Mr Tushar Marne, Lab Assistant at the Civil Engineering Department at SIT participated and represented the department



FACULTY DEVELOPMENT PROGRAMME

An extensive faculty development programme was organized by the Civil Engineering Department, SIT from 20 March to 23 March 2023. The four day programme aimed at bridging the gap between the industry and academia






EXPERT TALKS

FACULTY DEVELOPMENT PROGRAM

Digital Twins Transforming the Infrastructure Industry

Jointly organized by
Department of Civil Engineering, SIT Pune,
Symbiosis Teaching Learning Resource Centre, Symbiosis International (Deemed) University,
& Bentley Education

20th - 23rd March
9.30 - 4.30

Symbiosis Institute of Technology, Pune

- Become a part of an extensive four-day training program that aims to discuss the challenges of the infrastructure industry and solutions through digital twins, learning hands-on, testing of software for water systems and tools along with curriculum design to bridge the gap between industry & academia, to stay relevant, and to add in creating a brand pool of graduate students.

Call us for Registration: **9902750575 / 9790932552**
[REGISTER HERE](#)

Mr. Rahul Patil
Adj. Team-Enablement, Bentley Systems

Mr. John Miskimmin
Advisor for Technical Digital Twin, UK

Prof. Jurelionis Andrius
Professor, Kaunas University of Technology, Lithuania

Prof. Ashwin Mahalingam
Professor, Civil Engineering Department, SIT Mysore

Dr. Madhusathi A.
Professor & Director, Office of Architecture & Planning, SIT, Mysore

Mr. Sudipta Goswami
Director, Bentley Education



Digital Twins Transforming the Infrastructure Industry



FACULTY DEVELOPMENT PROGRAM

20th March | Department of Civil Engineering, Symbiosis Institute of Technology, Pune

DAY 1 Table Program

Time	Speakers	Topic
8:30 AM - 9:30 AM	Dr. Rahul Patil , Adj. Team-Enablement, Bentley Systems	Welcome Remarks
9:30 AM - 10:30 AM	Dr. Rahul Patil , Adj. Team-Enablement, Bentley Systems	Introduction to Digital Twins
10:30 AM - 11:30 AM	Dr. Jurelionis Andrius , Professor, Kaunas University of Technology, Lithuania	Introduction to Digital Twins in the context of Infrastructure Industry
11:30 AM - 12:30 PM	Dr. Madhusathi A. , Professor & Director, Office of Architecture & Planning, SIT, Mysore	Introduction to Digital Twins in the context of Infrastructure Industry
12:30 PM - 1:30 PM	Dr. Madhusathi A. , Professor & Director, Office of Architecture & Planning, SIT, Mysore	Introduction to Digital Twins in the context of Infrastructure Industry
1:30 PM - 2:30 PM	Dr. Madhusathi A. , Professor & Director, Office of Architecture & Planning, SIT, Mysore	Introduction to Digital Twins in the context of Infrastructure Industry
2:30 PM - 3:30 PM	Dr. Madhusathi A. , Professor & Director, Office of Architecture & Planning, SIT, Mysore	Introduction to Digital Twins in the context of Infrastructure Industry
3:30 PM - 4:30 PM	Dr. Madhusathi A. , Professor & Director, Office of Architecture & Planning, SIT, Mysore	Introduction to Digital Twins in the context of Infrastructure Industry
4:30 PM - 5:30 PM	Dr. Madhusathi A. , Professor & Director, Office of Architecture & Planning, SIT, Mysore	Introduction to Digital Twins in the context of Infrastructure Industry
5:30 PM - 6:30 PM	Dr. Madhusathi A. , Professor & Director, Office of Architecture & Planning, SIT, Mysore	Introduction to Digital Twins in the context of Infrastructure Industry

Call us for Registration: **9902750575 / 9790932552** [or REGISTER HERE](#)

Photo Gallery

Group photo Civil Engineering students BATCH 2018-2022



Group photo Civil Engineering students BATCH 2019-2023



