



SARVAJANIK EDUCATION SOCIETY

Sarvajani College of Engineering & Technology

.....Towards Progressive Civilization

(A Constituent Institute of SARVAJANIK UNIVERSITY)

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STANCHION

Newsletter July-December 2024



Dr. Hiren Patel,
Principal, SCET



Standing in the front row from the left: Dr. Jigar Sevalia, Dr. Pratima Patel, Prof. Dharmesh Bhagat, Prof. Himanshu Padhya, Prof. Payal Zaveri, Dr. Mehali Mehta, Dr. Minakshi Vaghani, Prof. Chaitali Patel, Prof. Khushi Thakor, Prof. Dikshita Gamit

Standing in the row behind from the left: Mr. Santosh Gayakwad, Prof. Vandit Shah, Mr. Hitendrabhai Patel, Mr. Girish Kikani, Dr. Manisha Vashi, Prof. Mitali Shah, Prof. Sejal Bhagat, Prof. Ratna Jadvani,, Dr. Khushbu Gandhi, Prof. Ankita Parmar, Mrs. Manisha Sutarwala

Message from the desk of Department Head



Dr. Mehali J. Mehta

There is a persistent need for strong infrastructure for the development and economic growth of any nation, and Civil Engineering plays a distinctive role in such advancements. The NBA-accredited Department of Civil Engineering at Sarvajani College of Engineering & Tech., Surat offers courses leading to B. Tech. and B. Tech degrees. (Hons.) in Civil Engineering with a specialization in Structural Health Monitoring, Town and Regional Planning, Urban Environment and Sustainability Soil Mechanics and Foundation, and Valuation. Post-graduate programs of M.Tech. in Environmental Engineering, Town and Country Planning, &

Structural Engineering are also offered by the department. The Department focuses on grooming students through the dissemination of technical knowledge and technical skills along with professional field exposure. Backed by well-equipped laboratories and experienced faculties, we are dedicated to imparting quality engineering education to the younger generation.



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From Editors' Diary

"Writing is the painting of the voice." – Voltaire.

We, as editors, feel not only great, but we experience a profound and heartfelt feeling of belonging to the Civil Engineering Department, SCET. We are extremely excited as we present to you, the second issue of 'Stanchion', our department newsletter. This issue has all the good activities and achievements by students and faculties as well, between July 2024 to December 2024. We are eager to share our newly started campaign on guiding school pupils on the future career options available after schooling so that they can shape their future based on their interests right from the beginning of their graduation course. We sincerely thank Dr. Mehali J. Mehta, HOD, DoCE and all worthy faculties with staff members for putting in their collective efforts in the process of making this issue happen in time.



Prof. Himanshu Padhya
Associate Professor



Chaitali Patel
Assistant Professor (Contractual)

R & D Event: Research Collaboration with other Universities



- A discussion on Research Collaboration with other Universities (National And International) and writing Book Chapter was organized by Dr. Mehali Mehta on 19 July 2024 at Civil Seminar hall for the faculties. The expert discussion was conducted by Dr. Mayuri Mehta, Professor, Computer Engineering Department. The objective of the talk was to take her help and expertise in the domain of collaborative studies.

R & D Event: Tech Mic Event “Tark Vitark”



- An R & D event titled TARK-VITARK was organized under the TECH-MIC by Dr. Mehali Mehta on 22 July 2024 at Civil Seminar hall for the students of B.Tech. II, III & IV. The event was conducted by Dr. Mehali Mehta, R & D co-ordinator, Civil Engineering Department. Prof. Himanshu Padhya had chaired the session as Jury. The objective of the event was to to familiarize students with current trends in Civil Engineering, to provide a platform for students to put their views and have an interaction and debate on the said /given topics, to channelize students towards research activities like projects and idea pitching, to have academic interaction of all four year Civil Engineering students together.
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Awareness Workshop: Turning Waste to Compost



A Workshop titled Turning Waste to Compost was organized by Dr. Mehali Mehta, Head & Department R & D coordinator Prof. Ankita Parmar, and SCET Environment Club on 5 July 2024 at Civil Seminar hall for the students of B.Tech. I. The expert talk was conducted by Mr. Pratik Patel, Founder, Compostwala. The objective of the talk was to impart basic idea and understanding to convert their household organic waste into useful compost using simple and effective low-cost techniques and green materials.

Expert Talk: Waste Management: Incentives & Approaches

- An Expert Talk titled Waste Management: Incentives and Approaches was organized by Dr. Mehali Mehta on 18 October 2024 in association with SCET Environment club and ISTE- SCET student chapter at Civil Seminar hall for the B.Tech II, III & IV Year students. The expert talk was conducted Mrs. Divya Kalra, Founder, Innovate 4 India. The objective of the talk was to give clear ideas of Waste Management Practices. She also gave information on different categories where students can give their ideas on Waste Management and can win funding up to 1 lakh rupees to work on their ideas with the team for support.



B.Tech Final Year Project Showcase: “Project Derby”



- An Academic Event “Project DERBY” was organised by the Department of Civil Engineering, SCET on October 21, 2024 in order to expose the students with the current field practices and contemporary trends in Civil Engineering. Veteran teachers from other prestigious institute, experienced professional working in field and an alumni of department were invited as esteemed jury member for the event. This academic event provided students with an opportunity to present their project to a diverse audience, including industry professionals, academic experts, and fellow students. The event was organized by Prof. Himanshu Bhai and Dr. Manisha Vashi and student coordinator Mahesh Rayka and Pavan Mahato. This platform fostered a collaborative learning environment where students could gain valuable feedback, refine their presentations, and gain insights into potential career paths. List of Esteemed Jury Members

- 1. Dr Jignesh Patel (President, CREDAI, Surat)
- 2. Dr Namrata Jariwala (Associate Prof, SVNIT)
- 3. Er Shubham Lekhadia (Proprietor, Shujal Construction; Alumni of Civil, SCET)

Sustainable Nirmaan 2k24

- Department of Civil Engineering had organized “Sustainable NIRMAAN 2024” under the banner of KSHITIJ 2024 on the 20th and 21st of September 2024. Technical fest was organized to give a platform to young brains to showcase their innovative ideas and compete with their peers. These fests are an amalgamation of fun and learning where spectacular ideas are displayed, and students learn and feel inspired. Sustainable NIRMAAN 2024 showcased the following technical and Para-Technical events:

- **Technical events:**

1. La Casa De Papel
 2. Balance Battle
 3. Blockbusters
 4. Logo League: Avengers Edition
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• Para-Technical Events:

1. Civil's Lens
2. Auction Arena
3. Tug Titans

- The events were enthusiastically managed by faculty and student coordinators under the coordination of Nirmaan Faculty coordinator Dr. Minakshi Vaghani and Prof. payal Zaveri and student Tech head Jimith Patel and Pal Desai.
- The event received phenomenal response from all student participants which made the event a successful one.



Academic Tour: Manali and Chandigarh



- An academic tour to **Manali and Chandigarh** was organized by the Department of Civil Engineering during **13 to 21 December 2024**. The tour was organized for the **B.Tech. IV Year students** along with Dr. Kamlesh Dalal, Prof. Hemali Jardosh, Prof. Chaitali Patel and Mr. Hitendrabhai Patel with an objective of providing practical insights to the students for various Civil Engineering Projects. Students visited Atal Tunnel, A D Hydro Power station in Manali and learned creative aspects of planned city Chandigarh by visiting Le Corbusier Centre, Chandigarh Judicial Building and Palace of Assembly.



Environment Club Activity: Tree Plantation

A Tree Plantation activity was organized by Dr. Mehali J Mehta, Head and Mentor the SCET Environment Club on 19 September 2024 to connect students with the nature and create awareness to protect the Environment.



Research Paper Presentations by Faculties



- Prof. Himanshu J Padhya presented a research paper at the **“Multidisciplinary & Multilingual International Conference on Inclusive & Equitable Quality Education” under the category of Education & Psychology** organized by IDPT, SCET and S.R. Luthra Institute of Management under the European Union ERASMUS + Capacity Building Project, InEq-SL during 4 & 5 October, 2025.



Dr. Mehali J. Mehta presented a research paper titled **“Valorization of Fruit Waste for the production of Biofuel”** along with Prof. Hemali Jardosh at the International conference on Environmental Science and Technology ICEST 2024 organized by SVNIT, Surat during 19 to 21 December 2024.



Civil Engineering Department in News

વિશે પ્રત્યાહિત કરવામાં આવ્યા હતા. ત્યારબાદ બીજા દિવસે મ્યુઝિકલ સેશનમાં ફેકલ્ટીઓએ વિદ્યાર્થીઓ સાથે ફેમેલિયર થવા પોતે બોલિવૂડનાં નવા અને જૂના સોન્સ ગાયા હતા અને મ્યુઝિકને કહી રીલેસ્ટ્રેસ દિલિગ કરવા દુઝ કરી શકાય તે વિદ્યાર્થીઓને શીખવા જુદાં હાલું.

यह निर्देश देते हुए कहा कि वे अलग-अलग कमरे में सोने का फैसला करें। यह निर्देश देते हुए कहा कि वे अलग-अलग कमरे में सोने का फैसला करें। यह निर्देश देते हुए कहा कि वे अलग-अलग कमरे में सोने का फैसला करें।

रंजल सिद्धा को हो अधिक उपयोग
वर्तमान में सुरत शहर में सुरत महानगर
पालिका ने नदी-नावों और पुलों पर बहने को
गति या निर्बल के लिए रंजल सिद्धा का
उपयोग किया है। इस प्रकार का कार्य
हुआ है, इसका उपयोग शहर की हर जगह
पर होना चाहिए।

