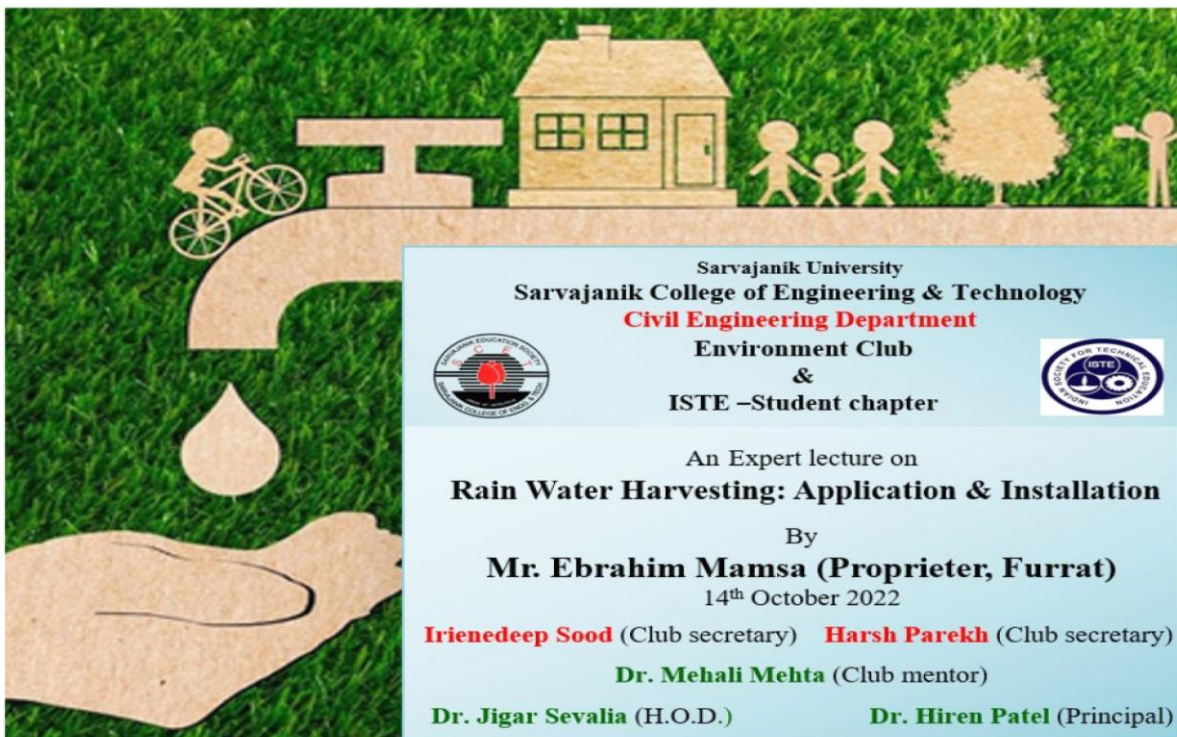




# A REPORT ON EXPERT LECTURE ON RAIN WATER HARVESTING: APPLICATION & INSTALLATION



## ABOUT ENVIRONMENT CLUB, CED, SCET

Department of Civil Engineering, Sarvajanic College of Engineering & Technology has established 'Environment Club' with an objective to develop a holistic platform to foster technological solutions to environmental issues and raises awareness for the same. To encourage research culture and orient students towards the same, the club works in harmony with Research & Development Cell on various projects.

Conceived in 2018, the club has nurtured under the mentorship of Dr. Mehali J. Mehta. The club has ensured that it constantly maintains an upward trajectory towards creating environmental awareness footprints.

### **Vision:**

The club remains committed to raise technological and social awareness on environmental conservation by vital contribution of the community and dynamic participation of the students.

### **Mission:**

To inculcate an inclination towards research by harmonious integration of student teams across academic hierarchy through creative, critical and collaborative work. To ingrain responsible attitude towards natural resources and sensitize students towards the same. To stimulate action-based programme and render solutions to various environmental issues through technical endeavors. To develop and improvise performances of green materials and systems for sustainable infrastructures

## ABOUT ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System.

ISTE has an Executive Council at National level. It has active membership of more than 128500 technical teachers, 535000 student members, more than 2740 institutional members.

It organizes an annual convention for faculty and students separately every year where a large number of technocrats, technical teachers, policy makers, experts from the industry etc. participate and interact. Every year a National Seminar with a specific theme with respect to the latest development in the field of Science and Technology and societal problems is being arranged during the Annual convention and leading luminaries of technical education are invited to deliver special lectures and delegates will present research papers.

The inaugural ceremony of the Expert talk on Rainwater Harvesting: Applications and Installations was a huge success. Around **100 people** including faculty members of Civil department and students were present at the event. The seminar took place at NJ seminar hall, SCET, Surat and commenced at 2:00 PM on Friday, 14th October, 2022. The inauguration ceremony was hosted by Irienedeep Sood, Secretary of Env club, CED, SCET.

The ceremony commenced with the felicitation of the eminent speaker Mr. Ebrahim Mamsa by the Head of Department, Dr.(Prof.) Jigar Sevalia and Club Mentor, Dr. Mehali Mehta. Keeping the tradition of sustainability, the guest speaker Mr. Ebrahim Mamsa was welcomed with a book. This was followed by a speech by Dr. (Prof.) Jigar Sevalia giving us an insight of the experience and various works done by Mr. Ebrahim Mamsa. Then, the host enlightened the audience with the work of the Environment Club of CED, SCET and a brief introduction to ISTE (Indian society of technical education) and its objectives. With this, the inauguration ceremony concluded and the speaker was invited to the lectern for commencement of the Expert lecture on Rainwater Harvesting: Application and Installation.



## EXPERT LECTURE



Along with ISTE (Indian society of technical education), Environment club of Civil engineering Department of SCET had brought an expert lecture on Rainwater Harvesting: Installation and Applications by Field Expert Mr. Ebrahim Mamsa, Proprietor of Furrat, Surat. He has installed more than 500 rainwater harvesting systems and has more than 15 years of experience in this field.

The expert began his lecture on Rainwater Harvesting by giving a brief introduction of the topic to the students who were unfamiliar with the system. He then gave a brief insight on the various works done by him in and around Surat City and explained how cases differ according to meteorological and topographical conditions of the areas. He also discussed some special cases and explained the need of these systems in any infrastructure project. He then explained all the construction steps and installation process of rain water harvesting system. The filters used after the collection of rain water in the system was thoroughly explained by visual aids. After the lecture, a Q & A session was held wherein the students as well as faculty members asked questions related to the systems used commercially. All the participants were able to get in-depth knowledge on the topic from this session. Various industry practices were also discussed during the lecture. Later on, a small scaled working model of the rainwater harvesting system along with its filtration process was presented to all the participants by the expert. The students could see the components inside the filter up close and get a detailed overview of its working.

A letter of appreciation was presented by student members of the environment club to Mr. Ebrahim Mamsa for his exceptional lecture on the topic. The event ended with a vote of thanks by the student secretary. The glimpses of the events are attached as photographs.





**Acknowledgement :** We acknowledge and thank Head of the department Dr. Jigar Sevalia, Principal SCET Dr. Hiren Patel, Sarvajani Education Society and Sarvajani College for always encouraging to organize such events.