

**16 May 2025:** Indian Society of Structural Engineers in association with Epicons Friends of Concrete and Rotary District 3142 conducted a workshop on Rainwater Harvesting for MMR region. This programme was conducted at Thane at Rotary center. President ISSE Hemant Vadalkar welcomed all the guests and delegates and stressed the importance of rain water harvesting. This is a first attempt by ISSE to have a function with a focus on social engineering. Rotary was invited to take the message to masses and for its implementation. Rtn. Chandrahas Shettiy , DGND explained the working of Rotary and its involvement in various social activities. Mr. Jayant Kulkarni of Epicons shared regional data on water demand and supply. He emphasized that tap water is easily available for the habitants of major cities, so they are not much bothered. But people from small villages / towns suffer due to water scarcity in the region. Water is a precious commodity for our survival. Mr. Sandip Adyapak from Water field Technologies explained the concept of roof top rain water harvesting, filtering it, storing the water and reusing it for secondary purpose and using it for bore well and ground water recharging. Mr. Nirav Saraiya from Vivaan Water & Enviro Solutions Pvt. Ltd , discussed various case studies on rain water harvesting in Mumbai region. This includes rain water harvesting executed for various housing societies and reducing their dependance on municipal water. This also helps in reducing sea water ingress in the coastal area. Therefore ,it is necessary to use this technique along the coast line to save our land from sea water ingress. Dr. Anil Lalwani a geologist explained various mis-concepts and shared his experience in the field. It was stressed by experts that proper geotechnical and geophysical investigation of a particular site is necessary for designing proper rainwater harvesting system. Rainwater harvesting does not cost much but there are many benefits. It is our social responsibility to recharge the ground water table. Rohit Pandya from UltraTech Cement showcased their products related to rainwater harvesting which includes filters and pervious concrete. Pervious concrete allows water to percolate into the ground. This can be used for pathways, parking areas, shoulders of road , in paved area around the buildings. Secretary ISSE Ranganath Satam proposed vote of thanks. UltraTech Cement supported the event. The event was attended by more than 120 people and was well appreciated.

