



A Report of One day Technical Seminar on “Recent Advancement in the Research Area of Concrete with Supplementary Cementitious Materials” on 6th March 2020

A One Technical Seminar, sponsored by SUYOG ELEMENTS, India Pvt. Ltd was organized by Civil Engineering Department on “Recent Trends in Concrete Technology and Sustainable Development”, on 6th March 2020. As per the program seat availability Total 30 participants had participated from 3 different Government & private institutes and 2 industries of South Gujarat. There is a shortage of natural resources in today’s era, in the sector of concrete technology. Same is the pin point for the field of Civil Engineering in the past one decade and hence, it becomes important to find alternatives of concrete manufacturing ingredient. Cement is the main ingredient of concrete, which is responsible for CO₂ emission in environment. As a solution of this issue leads to SCM materials in the concrete manufacturing process.

On 6th March 2020, the registration was done from 9:30 am onwards. After high tea the Inauguration Ceremony was started at 10:30 am. Prof. Zalak Shah, welcomed all the participants and introduced about the workshop. Followed by, Lamp-lightening ceremony, by Dr. Piyush S. Jain, Principal (Seminar convenor), SNPIT & RC; Dr. C. D. Modhera, Chief Guest and Key Note Speaker, Professor, SVNIT; Mr. Yogesh Varsada & Mr. Suresh Varsda, Director of Suyog elements pvt. Ltd. India, Prof. Keyur P. Shah, Seminar Coordinator and Head of Civil Engineering Department; and Dr. Damyanti G. Badagha, Seminar Coordinator, Civil Engineering Department. Later the technical sessions by the expert were commenced. MOU between Suyog elements & SNPIT Institute were done for industry academia bonding for academic & industry growth to solve field problems.

First session was conducted by Dr. C. D. Modhera, Professor, Applied Mechanics Department, SVNIT, Surat. He thoroughly explained the recent advancements in the area of concrete technology and discussed various special types of concrete as per present demand. He introduced the concept of SCM in concrete to save natural resources & environment.

Second session was conducted by Mr. Nachiket, Technical Advisor, Suyog Elements, India Pvt. Ltd. He had discussed about SCM and Suyog products for concrete manufacturing. Later he explained the actual field practices, challenges faced with concrete handling on the site with help of video/visual case studies.



SITARAMBHAI NARANJI PATEL

INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution
Vidyabharti Campus, At. Ta. Bardoli, Dist. Surat-394345
Ph.02622-224581, 220581 Fax : 02622-227481,225458
Email : admin@snpitrc.ac.in, vbtdegree_umrah@yahoo.co.in
Visit us on : www.snpitrc.ac.in

Last session was conducted by Dr. Damyanti G. Badagha, (Seminar Coordinator), Assistant Professor, Civil Engineering Department, SNPIT&RC, Umrah. Her discussion was focused on guidelines for carrying out an academic research project in detail along with application of SCM materials based on seminar theme.





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