



## **A Report of One Day Workshop on “RECENT TRENDS IN CONCRETE TECHNOLOGY AND SUSTAINABLE DEVELOPMENT”, 24<sup>th</sup> June, 2019**

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A One Day Workshop, sponsored by GUJCOST and DST was organized by Civil Engineering Department on “Recent Trends in Concrete Technology and Sustainable Development”, on 24<sup>th</sup> June, 2019. Total 77 participants had participated from 5 different institutes of South Gujarat.

Sustainable development is the key area of interest in today’s era, in almost each sector of science and technology. Same is the key area of research in the field of Civil Engineering since one decade and hence, it becomes important for the fraternity to get aware about recent trends in concrete technology towards sustainable development.

On 24<sup>th</sup> June 2019, the registration was done from 9:30 am onwards. After high tea the Inauguration Ceremony was started at 10:30 am. Prof. Hiren Rathod, organizing committee member, welcomed all the participants and introduced about the workshop. Followed by, Lamp-lightening ceremony, by Dr. Piyush S. Jain, Principal, SNPIT & RC; Dr. C. D. Modhera, Chief Guest and Key Note Speaker, Professor, SVNIT; Prof. Keyur P. Shah, Workshop Coordinator and Head of Civil Engineering Department; and Prof. Neetu B. Yadav, Workshop Coordinator, Civil Engineering Department. Later the technical sessions by the expert were commenced.

First session was conducted by Dr. C. D. Modhera, Professor, Applied Mechanics Department, SVNIT, Surat. He thoroughly explained the basics of concrete technology and discussed various updates in IS revised guidelines of 2019 which is yet to be published. He gave intensive insights of special and different types to concrete to be work upon in the direction of sustainability.

Second session was conducted by Mr. Channdran Patel, Manager - Technical Services, Ambuja Cement, Surat. He had discussed about basic fundamentals of the cement as a versatile construction material and its chemical reactions. Later he explained the actual field practices, challenges faced with concrete handling on the site with help of video/visual case studies.

Last session was conducted by Prof. Hiren Rathod, Assistant Professor, Civil Engineering Department, SNPIT&RC, Umrakh. He discussion was focused on guidelines for carrying out an academic research project in detail along with application of Nano-technology in construction industry.



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