

A REPORT ON ONE DAY WORKSHOP

On

“Principles of Concrete Mix Design on High Strength Concrete and Self Compacting Concrete”

A one day workshop was conducted jointly by Sapthagiri College of Engineering and ICI on 26th April, 2019. The workshop started at 10.00 am, the function was presided by Sri. G. Dayanand and Chairman and Managing director, Sri. G D Manoj executive director, Principal Dr.K.L.Shivabasappa, Administrative Officer Dr.K.R.Nagabushana, Head of Department, Civil Engineering Dr. R.L Ramesh and Chief Guest Er. Nagesh Puttaswamy, Regional Head Technical Services Ultra Tech cements. The inaugural was initiated with a welcome speech by Prof. Sanjana G M, Civil Engineering Department, was followed by prayer and lighting of the lamp. which was followed by introduction to chief guest by Prof. Akshay J. 71 students of 3rd year and 63 students from final year Civil Engineering along with faculty members from various colleges attended the workshop.

The forenoon session included a discussion on introduction to Principles of Concrete Mix Design on High Strength Concrete delivered by Er. Nagesh Puttaswamy. The main topics of discussion were ingredients and properties of concrete and importance of these properties in high strength concrete. The principles of mix design were discussed in detail and mix design procedure explained as per IS: 10262-2019. Er. Nagesh Puttaswamy gave a cash prize for the student who secured highest marks in concrete technology subject for the purpose of encouraging the students to learn and apply the technology effectively in concrete industry.

The afternoon session started at 2.00 pm after the lunch break. The workshop started with introduction of chief guest Dr. Shrishail B.Anadinni Professor Presidency University by Prof. Raghavendra R. Dr. Shrishail B.Anadinni gave a talk on self Compacting Concrete. self Compacting Concrete are the material that flows, placed into formwork and compacted under the influence of self weight only, without vibration. It can be used in the situation where vibration is difficult and reinforcement steel is highly congested in RCC. It adequately fills voids without segregation and bleeding, without vibration. Well graded or rounded coarse aggregates are desirable as they minimize cement paste content as well as admixture dosage. The maximum size of aggregate is generally limited to 12 mm for mass concreting.

After the workshop session, certificates were given to all the students and faculties of various colleges. The one day workshop session which followed was very informative and it was a good experience for all the students and faculties.



Welcome speech by Prof.Sanjana.G.M



Inauguration of the Workshop



Principal Addressing the gathering



Administrative officer Addressing the gathering



Er. Nagesh Puttaswamy delivering a talk on High strength concrete



Delegates Participated in the Workshop



Honoring Er. Nagesh Puttaswamy



Cash Prize given to Students who scored Highest Marks in Concrete Technology Subject by Ultra Tech Cements



AFTERNOON SESSION



Welcome speech by Prof. Raghavendra.R



Welcome to Dr. Shrishail B. Anadinni by HOD



Dr. Shrishail B. Anadinni Delivering a Technical Talk on Self Compacting Concrete



Honoring Dr. Shrishail B. Anadinni



Issuing certificate to Delegates