



e-Newsletter, Issue 19, November 2012

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**American Society of Civil Engineers - India Section
wishes all its members and their families
a very happy and prosperous New Year ahead**

1.1 ASCE IS Student chapter inauguration in D S College of Engineering (DSCE), Bangalore

The department of civil engineering of Dayanand Sagar College of Engineering (DSCE), Bangalore formed a group ASCE-DSCE under ASCE-IS(SR), by hosting an inaugural session on 13th September 2012 in the college auditorium. This was organised by Prof N.N Vishwanathan with active support from Dr. Ramaraju (HoD-Civil), Dr.Rajendra, Prof. Neethu Urs and the students core committee of the student chapter. Prof. G L Sivakumar Babu, president, ASCE-IS-SR was the chief guest on the occasion. The attendance at the function far exceeded the expectations and faculty members of civil dept, construction technology dept, and eminent professors of other colleges in Bangalore, students of civil dept, construction technology dept. and other departments participated in the event.

Prof. K N Vishwanathan started the program with a warm welcome to all attendees. The event was also celebrated as Engineers Day, which falls on 15th September and a short documentary film on Sir Mokshagundam Visvesvariah was shown and his contributions to Indian Engineering were highlighted. Prof. G L Sivakumar Babu inaugurated the chapter by lighting the lamp along with other dignitaries present and by showing the membership cards of the students. He also delivered a motivating and enthralling speech and specifically spoke to the

Inauguration of Student Chapter at Dayanand Sagar College of Engineering



younger audience and enlightened them with the advantages of being an ASCE member. He encouraged the entire civil engineering faculty to become members of ASCE and take active part in ASCE events and eventually make it an active and functional group from which the students can take utmost advantage of. He mentioned the work done by the ASCE group globally and the work done by ASCE-IS specifically in India. He explained how the number of members was growing rapidly in India and how the name ASCE-IS was spreading and becoming a common word of mouth. He also mentioned the importance of civil engineering to the students and the faculty.

After the inauguration, the principal, Dr. Ramaraju (HoD - Civil Dept.) and Dr. Rajendra appreciated the fact that the students of 5th semester took the initiative in opening a student's chapter in the college which would be associated with the international group, which eventually will help the college in future by providing them with the journals and information on the latest advancements in the civil engineering field. Prof. K N Vishwanathan gave a vote of thanks and encouraged the members to participate in the future events and take advantage of it.

1.2 National Seminar on “Nano Science to Nano Technology – Applications to Civil Engineering”, Oct 5, 2012

The programme started with invocation by Mr. Syed Murtuza, student of III semester M. Tech. Dr. Mohamed Ilyas Anjum, Prof. & HoD, proposed the welcome address and briefed the audience about the seminar. Dr. Rudra Prathap, Chairperson, Centre for Nano Science and Nano Technology, IISc., Bangalore, delivered the inaugural address. He stressed on the importance of persistence and conviction in life during the inaugural speech and gave a brief idea on Nano Technology. Dr. G L Sivakumar Babu, Prof., Geotechnical Engineering, IISc., Bangalore, described the activities of ASCE, and he inaugurated the ASCE – Ghousia College student chapter. Dr. Mohammed Haneef, Principal, delivered the presidential address. He offered to provide

Prof. Dr. G L S Babu, Regional President, ASCE-IS SR, addressing the 3rd Session at the Seminar



necessary assistance for the ASCE – Ghousia College student Chapter. Dr. N S Kumar, Prof., Dept of Civil

Engg, and coordinator, proposed the vote of thanks. In five sessions, the speakers presented and discussed the following topics related to Nano Technology.

Session-1: Dr. Rudra Prathap, Chairperson, Centre for Nano Science and Nano Technology, IISc., Bangalore presented his lecture on “Innovations Needed in Nanotechnology Education”. He gave a detailed presentation on the status of Nanotechnology and the need of Nanotechnology education in the country.

Session-2: Prof. Arun M. Umarji, Materials Research Centre (MRC) delivered his address at the second session and he deliberated on topics related to Nano Science and Nano Technology. He explained the importance of 3-D realisation in Nano Technology.

Session 3: Dr. G L Sivakumar Babu, Prof., Geotechnical Engineering, IISc., Bangalore presented the third session of the seminar on the topic "Nano Technologies in the Ground Improvement and Site Remediation". He emphasized on the application of Nano Technology in Geotechnical Engineering and the remedial measures which can be undertaken through Nano Technology.

Session 4: Dr. Ananth Ramaswamy, Prof., Structural Engineering, Civil Engg Dept, IISc., Bangalore delivered the fourth session of the seminar on the topic "Application of Nano Technology in Understanding Concrete: An Overview ". He explained the study of properties of cementitious materials at nano-scale and the application of nano materials in concrete.

Session 5: Dr. Monto Mani, Prof., Centre for Sustainable Technology, IISc., Bangalore presented the fifth session on "The Challenges in Sustainable Adoption of Renewables".

After the five sessions Dr. N S Kumar, Prof, Dept. of Civil Engg, concluded the seminar sessions by thanking the participants and the speakers for their contributions to the sessions. The certificates for the participants were distributed after the sessions. The participants were invited to participate in the visit to Centre for Nano Science & Technology, and Structural Engineering Lab. at IISc, Bangalore. The seminar concluded with the visit.