



## **Sarvajnik College of Engineering and Technology**

### **Department of Civil Engineering**

#### **Expert Talk**

**On**

### **“Emerging Research Trends in Geotechnical Engineering”**

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#### **Objectives of the Talk:**

- To give the basics of Quick Computation of Foundation Settlement of Buildings and New Empirical Correlations
- To guide the students and faculty members towards Paper Publications and more skills about the selection of a research topic and writing techniques to publish in good journals.

**Date:** 10<sup>th</sup> February 2016 (Wednesday)

**Time:** 9:30 a.m. to 11.30 a.m.

**Venue:** Tifac Core Hall

**Coordinator:** Prof. (Dr.) Pratima A. Patel (Committee member R&D Cell)

**Participants:** 60+ students and 15+ faculty members

#### **Summary:**

The session of An Expert Lecture on “Emerging Research Trends in Geotechnical Engineering” was organized by the Department of Civil Engineering and association with the Research and Development Cell, Sarvajnik College of Engineering and Technology. The Expert Talk dated on 10<sup>th</sup> February 2016 (Wednesday) and started at 9:30 am at Tifac Core Hall.

Prof.(Dr.) Pratima A. Patel commenced the session at 9.30a.m.and gave a brief introduction about the speaker Dr. C. H. Solanki, Professor and PG In charge, Dean Planning & Development Applied Mechanics Dept. S.V.N.I.T., Surat. General Secretary Mr.Het Tejani, Mr.Nirav Mehta & Ms.Avni Goswami welcomed Dr. Solanki and his guest with flowers as a token of love and affection.

Dr.Solanki has a wide teaching experience of 25 years. He has published 45 papers in International Journal, 15 National Journal, 25 International Conference Proceedings and 50 National Conference Proceedings. Under his guidance 8 Ph.D scholars has completed their Ph.D and 35 Students has completed their Masters. He has delivered about 25 expert Lectures at various renowned institutes.

Dr. C. H. Solanki started the lecture by giving a small description of the role of student-teacher and their interdependency for the betterment to understanding the subject as well as research and to have a progress in the academics. Soon after this, Prof C. H. Solanki started his expert lecture into two presentation one is ***“Quick Computation of Foundation Settlement of buildings & New Empirical Correlations”*** in that he described about the effective research, i.e. the need of study, the main aim of work, scope of the work , literature review, study area, experimental investigation, analysis and empirical correlations developed from the experimental results, application of new correlations, model introduction, conclusions and reference of research. He has given the effective research techniques to the faculty and students and he was explained the research topic selection criteria and step-by-step procedure to research.

The second presentation is ***“Paper Publications Tips” and more skills about the selection of a research topic and writing techniques to publish in good journals***. Prof C. H Solanki explained effectively about conference paper publication and sound paper publication in good journals. The main aim of this presentation, once research is completed, then the next target is to publish the paper in high level and its need more technical skills to publish in good journals like SCI and Scopus.

Prof. C H Solanki explained to the faculty and students about paper publication tips very nicely, The highly effective paper publication, the authors should keep in mind before starting the writing the paper, technical evaluation, format and style guidelines and some of the recommendations are the, Accept without change, Accept after required minor revisions (resubmit after revision), Reassess after extensive revision, Shorten and resubmit as a technical note, Reworking and resubmission encouraged, Do not accept (reasons given separately). Those who are going to publish a paper and if he/she follows all the instructions, he/she will get a highly effective paper outcome. In the end it was a very informative session which gave the more skills about the selection of a research topic and writing techniques to publish in good journals.

Finally the session was concluded by vote of thanks by Prof. Khushbu Berawala. We acknowledge and thank Sarvajanik Education Society and Sarvajanik College of Engineering & Technology for providing the necessary infrastructure for conducting the expert talk.

We also thank to Dr. Vaishali Mungurwadi, Principal, SCET for her guidance and motivation in organizing the expert talk.

Herewith we have attached some glimpses of our expert lecture.



