**ONE DAY WORKSHOP ON FORENSIC GEOTECHNICAL ENGINEERING**

**Date: 10th October 2014**

**Venue: Civil Engineering Department, Ludhiana**

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| **Programme Schedule** | |
| 8.30 am – 9.30 am | **Registration** |
| 9. 30 am –9.45 am | **Inauguration** |
| 9.00 am –10.15 am | Introduction to forensic geotechnical engineering  *Prof. G L Sivakumar Babu* |
| 10.15 am –10.45 am | Guidance in forensic geotechnical engineering  *Dr. V.V.S. Rao* |
| 10.45am -11.00 am | **Tea** |
| 11.00 am –11.30 pm | Data Mining for Forensic Geotechnical Engineering  *Prof. M.R. Madhav* |
| 11.30 pm –12.00 pm | Slope failures due to human disturbance leading to malfunctioning of infrastructure: Who is responsible?  *Prof. .S.K Prasad* |
| 12.00 pm –12.30 pm | Investigation of the failure of an industrial building due to the presence of expansive soil  *Prof. R G Robinson* |
| 12.00 pm-01.00 pm | Features of Calcutta Subsoil and a Failure Case Study  Prof. Kaushik Bandyopadhyay |
| 1.00 pm – 1.45 pm | **Lunch** |
| 1.45 pm – 2.15 pm | Some Case Studies of Distress and Failures in Dykes of Slurry Ponds  *Prof. Manoj Datta* |
| 2.15 pm – 2.45 pm | Field Experiences dealing with failures  Er. Mahesh Kumar, Engineer in Chief, Haryana |
| 2.45 pm – 3.15 pm | Lessons from Failures in expansive soils  Prof. A Sreeramarao |
| 3.15 pm – 3.45 pm | Lessons from Rock Engineering  Prof. K S Rao |
| 3.45 pm – 4.00 pm | **Tea** |
| 4.00 pm – 4.15 pm | Contributed paper I |
| 4.15 pm – 4.30 pm | Contributed paper II |
| 4.30 pm – 4.45 pm | **Discussion & Closing remarks** |