

**ONE DAY WORKSHOP**  
**ON**  
**SEISMIC EFFECTS**  
**AND**  
**SAFETY OF STRUCTURES**

**SEASS - 97**

**21st August, 1997**

**Organised by**



**INDIAN GEOTECHNICAL SOCIETY**  
**BARODA CHAPTER**

**GUJARAT ENGINEERING RESEARCH INSTITUTE, Vadodara**

**INSTITUTION OF ENGINEERS (I)**  
**VADODARA LOCAL CENTRE**

# WORKSHOP ON SEISMIC EFFECTS AND SAFETY OF HYDRAULIC STRUCTURES (SEASS-97)

On  
Thursday, 21st August, 1997

Co-ordinator : Prof. (Dr.) A. V. Shroff, Chairman, IGS-Baroda Chapter.

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INSTITUTE OF ENGINEERS (I), LOCAL CENTRE  
GUJARAT ENGINEERING RESEARCH INSTITUTE, VADODARA

Venue : Conference Hall, Gujarat Engineering Research Institute, Race Course, Vadodara

## PROGRAMME

09.00 - 09.30 am	Registration
09.30 - 10.30 am	Inaugural function
10.30 - 11.00 am	Tea
<b>Session - I</b>	<b>Session Co-ordinator : Shri H. P. Pandya, Chairman : Shri G. L. Java, CE, Design (D&amp;P) SSNNL</b>
11:00 am to 12-00 noon	Lecture - I, Speaker : Dr. M. Gopalkrishnan, CE, (Design N&W), CWC., New Delhi Topic : Aseismic Design of Hydraulic Structures"
12:00 - 12:30 pm	Presentation - I, Speaker : Shri D. N. Pancholi, SE(Geologist), CDO, Gandhinagar Topic : Gujarat Scenario of Aseismic Design of Hydraulic Structure
12:30 - 01:00 pm	Presentation - II, Speaker : Dr. U. D. Datir, Erstwhile CE & Director GERI, Vadodara Topic : Overview on Seismicity and Safety of Structures
01-00 - 02.00 pm	Lunch
<b>Session - II</b>	<b>Session Co-ordinator : Prof. (Dr.) D. L. Shah Chairman : Dr. M. Gopalkrishnan, Ce, (Design N&amp;W), CWC, New Delhi</b>
02:00 - 03:00 pm	Lecture - II, Speaker : Dr. C. D. Thatte, Erstwhile secretary, WRD, Govt. of India. Topic : Design of Earthquake Resistant Dam and Rehabilitation of Existing Dams.
03:00 - 03:30 pm	Presentation-III, Speaker : Shri H. P. Pandya, R.O., S.M., GERI, Vadodara. Topic : Liquefaction Potential measurements of Foundation soils of Several Hydraulic Structures.
03:30 - 04:00 pm	Presentation-IV, Speaker : Shri A. K. Shah, Reader, M.S.University, Vadodara Topic : Cumulative Damage concept of Aseismic Design - case study
04-00 - 04.15 pm	Tea
<b>Session - III</b>	<b>Session Co-ordinator : Shri Nitin Joshi Chairman : Dr. N. M. Patel, Prof. &amp; Head, Applied Mechanics Dept.</b>
04:15 - 05:15 pm	Lecture - III, Speaker : Dr. Smt. Joshi, Sr.Scientist, CWPRS, Pune. Topic : Probablestic Analysis for Zonation related Aseismic Design.
05:15 - 05:45 pm	Presentation - V, Speaker : Dr. U. D. Datir, Erstwhile CE & Director, GERI, Vadodara Topic : Earthquake Damages & case studies.
05:45 - 06:15 pm	Concluding Session : Chairman : Dr. C. D. Thatte, Erstwhile secretary, WRD, Govt. of India.