





Proceedings & Litrature of National Seminar on Engineering and Forensic Aspects of Structural Foundations (EFSF-17)

Editor Dr A V Shroff

Emeritus Professor, M.S. University of Baroda, Vadodara

- Indian Geotechnical Society, Baroda Chapter
- Applied Mechanics Department,
 M. S. University of Baroda, Vadodara
- ❖ Structural Engineers' Association, Baroda

NATIONAL SEMINAR On

ENGINEERING AND FORENSIC ASPECTS OF STRUCTURAL FOUNDATIONS

(EFSF-17)

INDEX

Sr.No.	Paper	page
1	Geotechnical vulnerabilities in failures – Indian experience. V V S Rao and A. Sargunan	1
2	Some Observations on role of uncertainties in forensic geotechnical engineering. G L Sivakumar Babu , K K Phoon, M Uzielli	8
3	Diagnostic analysis and repairs of distressed Hydraulic Structures: case Studies of Gujarat ,India VIvek P Kapadia	17
4	Forensic aspects of professional services as geotechnical consultants Kirty Dave	28
5	Analysis of failure mechanism of piles in liquefied soil G L Sivakumar Babu and S Haldar	45
6	Adjacent building induced settlement reduction in residential constructions Reza Jamshedi Chenari, Abolfazl Mohafezatkar	55