### INDIAN GEOTECHNICAL SOCIETY

**BARODA CHAPTER** 

IN ASSOCIATION WITH

APPLIED MECHANICS DEPARTMENT, M S UNIVERSITY OF BARODA, VADODARA

Proceedings Volume
Of
NATIONAL SEMINAR ON

# DAM SAFETY AND REHABILITATION (DSR-18)

20<sup>TH</sup>, 21<sup>ST</sup> JANUARY - 2018



Indian Geotechnical Society, Baroda Chapter Race Course, GERI Campus, VADODARA-390007

#### NATIONALSEMINAR on

## DAM SAFETY AND REHABILITATION- (DSR-18)

#### **INDEX**

Sr.No.	Paper
1	Rehabilitation of Earth Dams in Kutchh and Saurastra regions, after the 2001 Earthquake-
2	Problems faced in Investigating a 120 year old Dam for dispute resolution –Path breaking solutions-
3	Analytical solutions for protective filters based on soil-retention and permeability criteria with respect to the phenomenon of soil boiling-
4	System reliability analysis of granular filter for protection against piping in dam-
5	Restoration and rehabilitation of old Pagara dam by grouting technique – A case study-
6	Non-destructive techniques for inspecting dams (Concrete, Masonry, Earthen and Spillways)- Saniay Rana
7	Uncertainties in flood assessment and corrections in existing dams: case study of Banas basin, Gujarat, India-Vivek P. Kapadia
8	Strengthening of overflow section of Koyana dam  – A Case study  S M Sangale
9	Application of Roller- compacted concrete in rehabilitation and replacement of hydraulic structure- Vijaykumar Astankar
10	Application of remote operated vehicle for diagnostic investigation of Existing dams- Alex Varughese
11	Dam rehabilitation and improvement projects (DRIP) challenges faced infield-case studies from PAP system in Tamilnadu R. Ilangovan
12	Integrated Approach to Ensure Safety of Dams-Synopsis C D Thatee
13	Permeation Grouting works at Tista low dam –iv, west Bengal, India- Sridhar Valluri