



**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
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PROGRAMME REPORT ON

Seminar on Soil Liquefaction and Recent Advancement in Ground Improvement Technology-Seminar on Soil Liquefaction and Recent Advancement in Ground Improvement Technology

Resource Person

Ms Rima Das Research Scholar NIT Trichy

Organized by

CIVIL- PMIST

DEPARTMENT OF CIVIL ENGINEERING

Periyar Nagar, Vallam, Thanjavur - 613 403, Tamil Nadu, India
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SEMINAR on Soil Liquefaction and Recent Advancement in Ground Improvement Technology

jointly organized by

DEPARTMENT OF CIVIL ENGINEERING & INDIAN GEOTECHNICAL SOCIETY

Date : 06.09.2024

Platform: Google

1. OBJECTIVE OF THE PROGRAMME

The objective of the seminar on *Soil Liquefaction and Recent Advancement in Ground Improvement Technology* is to enhance the understanding of the phenomena of soil liquefaction and its impact on civil engineering projects, particularly in areas prone to seismic activity. The seminar aims to provide insights into the latest advancements in ground improvement techniques that can mitigate the risks associated with liquefaction. The event also aims to foster knowledge exchange between experts, researchers, and professionals, encouraging collaborative efforts to address challenges in soil behavior and ground improvement.

2. BROCHURE



The brochure features a background image of modern skyscrapers. At the top, there are four logos: a construction site silhouette, the Periyar Maniammai Institute of Science & Technology (PMIST) logo, the Periyar Maniammai Institute of Science & Technology (PMIST) logo with the tagline 'think • innovate • transform', and the Indian Geotechnical Society logo. The main title is 'SEMINAR ON Soil Liquefaction And Recent Advancement in ground Improvement technology'. Below the title is a circular portrait of Rima Das, a Research Scholar (PMRF) at NIT Trichy. The meeting link is <https://meet.google.com/toj-cmkt-fum>, the date is 06/09/2024, and the time is 2pm. The brochure also lists the IGS PMIST Chapter and Department of Civil Engineering at Periyar Maniammai Institute of Science & Technology, Periyar Nagar, Vallam, Thanjavur - 613403, Tamil Nadu, India. The CO ORDINATOR is Dr. S. Senthamilkumar, Professor & Staff Adviser IGS PMIST Chapter, Department of Civil Engineering, CO CO-ORDINATOR P. Latha AP/CIVIL.

SEMINAR ON
Soil Liquefaction And Recent
Advancement in ground
Improvement technology

Rima Das
Research Scholar(PMRF),
NIT Trichy

<https://meet.google.com/toj-cmkt-fum>
Date : 06/09/2024
Time : 2pm

IGS PMIST Chapter and
Department of Civil Engineering
Periyar Maniammai Institute of Science
& Technology
(Deemed to be University)
Periyar Nagar , Vallam , Thanjavur - 613403
Tamil Nadu , India

CO ORDINATOR
Dr.S.Senthamilkumar
Professor & Staff Adviser IGS PMIST Chapter
Department of Civil Engineering
CO CO-ORDINATOR
P. Latha AP/CIVIL

3. PROGRAMME SCHEDULE

DEPARTMENT OF CIVIL ENGINEERING

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INSTITUTE OF SCIENCE & TECHNOLOGY
(Thanjavur)

SEMINAR on Soil Liquefaction and Recent Advancement in Ground Improvement Technology

Programme Schedule

Date : 06.09.2024
Time : 2:00 PM

Venue: Richard Dawkins Hall,
(Technical Block - I)

Welcome Address	:	Dr.S.Senthamilkumar Professor & Staff Advisor IGS PMIST Chapter Department of Civil Engineering Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur
Special Address	:	Ms. Rima Das Research Scholar (PMRF) NIT, Trichy.
Vote of Thanks	:	Ms.P.Latha, Assistant Professor Department of Civil Engineering Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur

4.Attendance

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Periyar Nagar, Vallam, Thanjavur - 613 403
Tamil Nadu - 613 403

SEMINAR ON SOIL LIQUEFACTION AND RECENT ADVANCEMENT IN GROUND IMPROVEMENT TECHNOLOGY ATTENDANCE

Venue: Academic Council Hall

Date: 06.09.2024

Sl.No	Register Number	Name	Attendance
1.	1210120111145	AMUDHAN K	P
2.	1210120111146	ARAVIND S	P
3.	1210120111147	ATHISH T	P
4.	1210120111148	BHAVIDRAN S	P
5.	1210120111149	KABILESH R	P
6.	1210120111150	MUHAMMED JAFIR A	P
7.	1210120111152	RAGUL K	P
8.	1210120111153	RAM BHUJAL YADAV	P
9.	1210120111154	SUNDAR M	P
10.	1210120111155	VIGNESH ADITHYAN V	P
11.	1210120111156	VISHNU A	P
12.	1210110111157	MANITHAM A E	P
13.	1210120111158	SANJAY KUMAR S K	P
14.	122012061692	ABDULSAFEN	P
15.	122012061693	ARUN KARTHICK V	P
16.	122012061695	JANA R	P
17.	122012061696	JEEVA A	P
18.	122012061697	KARTHIKEYAN K	P
19.	122011061698	KEERTHANNA R	P
20.	122012061699	MUGILAN M	P
21.	122012061700	NARENDRA N S	P
22.	122012061701	PRABEEN KUMAR S	P
23.	122012061702	SENTHILKUMARAN G	P
24.	122012061703	SIVAKUMAR R	P
25.	122012061704	SRIRAM R	P
26.	122012061705	SUDHARSAN S	P
27.	122012061707	VISHAL E	P
28.	122012061708	YUGENDRAN S	P
29.	122012061709	VISVESWARAN R K	P
30.	121012061670	PRABEENKUMAR B	P

[Signature]
STAFF INCHARGE

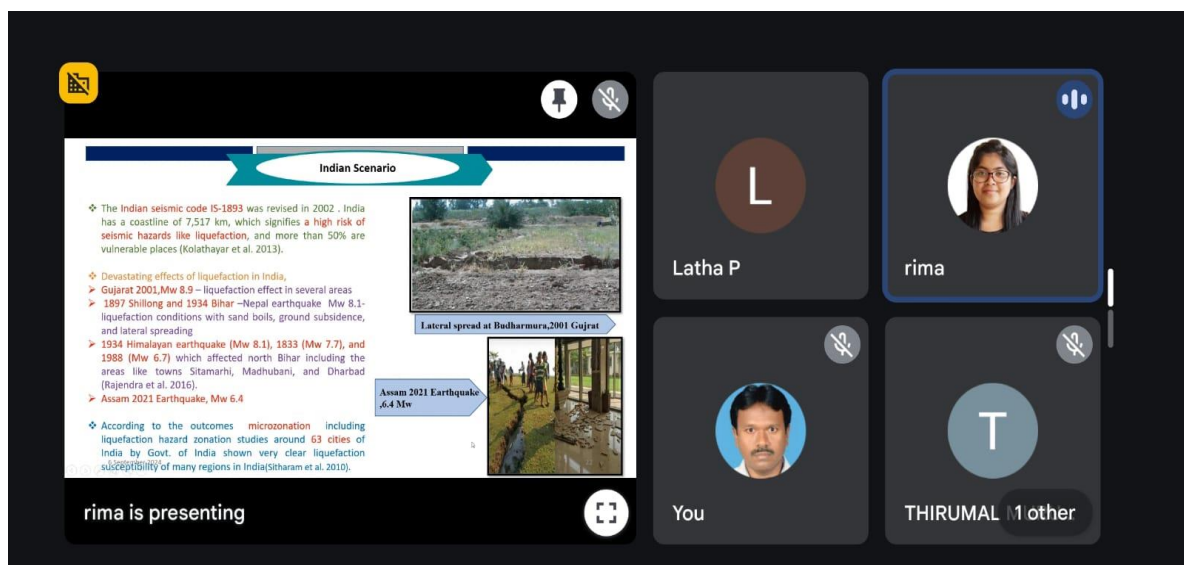
[Signature]
HOD/CIVIL ENGG.

Head of the Department
Department of Civil Engineering
Periyar Maniammai Institute of Science & Technology
Periyar Nagar, Vallam, Thanjavur - 613 403

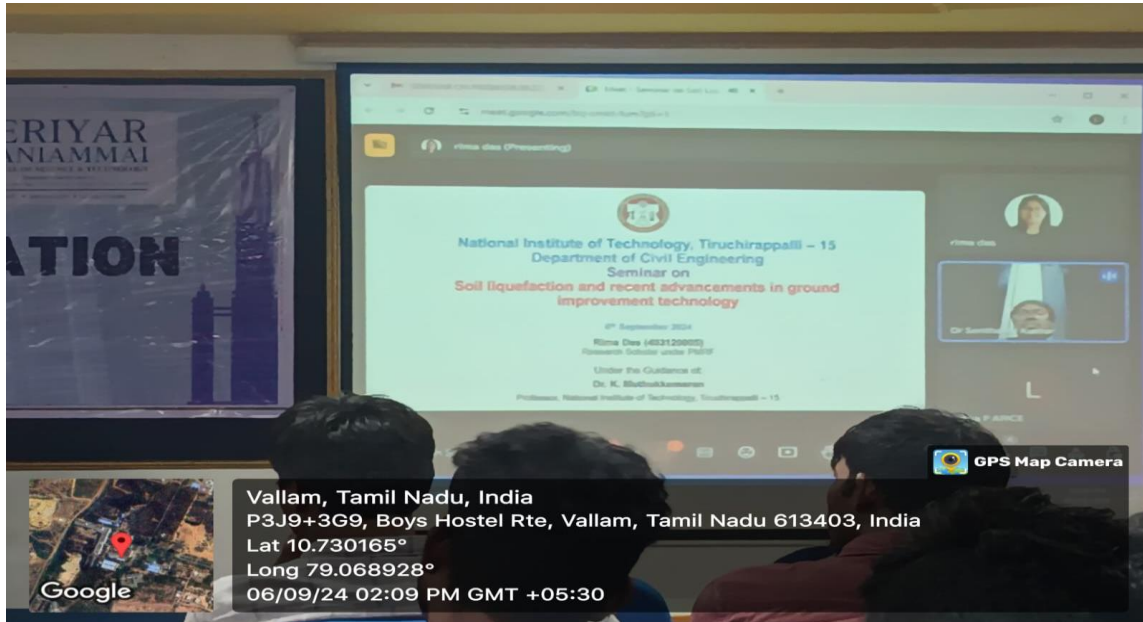
5. Report of the programme.

The seminar on *Soil Liquefaction and Recent Advancement in Ground Improvement Technology* was successfully conducted on 6th September 2024 at Richard Dawkins Hall, Technical Block – I, Periyar Maniammai Institute of Science and Technology. The event commenced with a warm welcome address by Dr. S. Senthamilkumar, Professor and Staff Advisor of the IGS PMIST Chapter, who highlighted the importance of understanding soil liquefaction and the latest advancements in ground improvement technology. The seminar featured a special address by Rima Das, a Research Scholar (PMRF) from NIT Trichy, who shared her valuable insights into the ongoing research and innovations in mitigating soil liquefaction risks and enhancing ground stability. Her presentation focused on the latest techniques and their applications in civil engineering projects. The seminar concluded with a vote of thanks delivered by Ms. P. Latha, Assistant Professor in the Department of Civil Engineering, who expressed gratitude to the speakers, participants, and organizers for making the event a success. The seminar provided an excellent platform for knowledge exchange and contributed significantly to expanding the understanding of soil behavior and ground improvement techniques.

6. Geotagged Photo



Seminar by Rima Das, Research Scholar(PMRF),NIT, Tiruchirappalli



Introduction of the Guest by Dr. S.Senthamilkumar, Professor, Civil Engineering Department



Student active participation in the seminar

7. Outcome of the programme

The seminar on *Soil Liquefaction and Recent Advancement in Ground Improvement Technology* successfully enhanced participants' understanding of soil liquefaction and modern ground improvement techniques. It provided valuable insights from Rima Das, a Research Scholar at NIT Trichy, on innovative methods to mitigate liquefaction risks. The event facilitated knowledge exchange among students, faculty, and experts, fostering collaboration and further interest in the subject, while equipping attendees with practical knowledge for academic and professional use.


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