

### DEPARTMENT OF CIVIL ENGINEERING AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

# REPORT ON "A CONCEPTUAL WAY OF UNDERGROUND CONSTRUCTION IN PROBLEMATIC SOIL"

Department of Civil Engineering, Aarupadai Veedu Institute of Technology organized Session on "A conceptual way of underground construction in problematic soil" for the Students on 22<sup>nd</sup> August 2024 at Seminar hall, AVIT.

**Dr.Pa.Suriya, Assistant Professor - II** delivered the welcome address and briefed about the gathering regarding significance and necessity of the conducting the session. She also shared her views of challenges in underground construction in the problematic soil and its requirement for the current trend to do the innovative projects. **Mr. Dilip Kumar, III year** Civil Engineering, given introduction about the guest speaker.

On behalf of **Dr.R.Divahar**, **Professor and Head**, Resource person **Dr.Sivapriya S.V**, **Associate Professor**, SSN College of Engineering shared her ideas on the topic of A conceptual way of underground construction in problematic soil. She also discussed about underground construction in problematic soil which involves thorough site investigation, ground improvement, and robust support systems to ensure stability.

The outcome of the students after this session is to know effective underground construction in problematic soil results in stable and safe structures despite challenging conditions. To approach with minimizing the risks and ensures long-term durability and functionality of the underground space. Overall, it achieves a



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successful balance between engineering solutions and environmental considerations. The session was highly engaging and enlightening for the students. Students were engaged with few case studies.

This workshop was conducted for the students of department of civil engineering to educate them and highlight the importance of underground construction in problematic soil. Students from Civil Engineering department has interacted with the resource person with their perspectives.

The event was concluded with a feedback session among the participants. **Dr. Pa.Suriya, Assistant professor - II,** Civil Engineering given vote of thanks for the programme.



Dr.Pa.Suriya, AP-II, Delivering Welcome address to the guest and students



Mr. Dilip Kumar, III year Civil given introduction about the guest speaker



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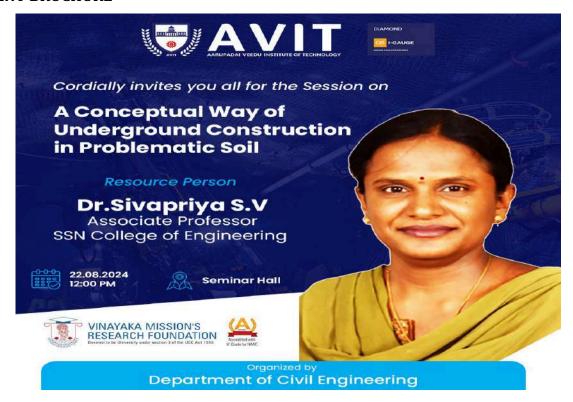




Resource person delivering the speech to the students

Social media Url Link: <a href="https://www.instagram.com/p/C-9dIAoRP5f/?igsh=b2ZiOTNrMj11Mmhr">https://www.instagram.com/p/C-9dIAoRP5f/?igsh=b2ZiOTNrMj11Mmhr</a>

#### **EVENT BROCHURE**





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## **EVENT GALLERY**





Resource person sharing his ideas in session

Resource person discussing with students

Event Co Ordinator

**HOD** - Civil

# Session on "A conceptual way of underground construction in problematic soil" on 22.08.2024 Resource Person- Dr.Sivapriya S.V, Associate Professor, SSN College of Engineering

Attendance Sheet			
S.No	Name of the Student/Faculty	Register no.	Signature
1.	Nahm Hmir	3422110500 4th m	findt
2.	Orishek Arand	3422210502	Lordolator
3.	Rojeau Ronju kun	- 3422210506	Lordolatud Rojan Ryan.
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12.	N. HOAZAN	AVIT-24-25-6019	Mindle
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15.	Bijith B	AVIT - 24-25-6017	WITE S
16.	Alex Selostian	AVIT - 24 - 25 - 5924	n O
17.	Ezlülararan	3422220501	V. ESCIT.
18.	Taya Nalo	3422110508	Taga
19.	Ssinivasan. R	3422320501	Shirton.
20.	G.Diliplumar	3422210503	276
21.	Dr. Pa. Suriya	AP- D	DM
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