



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



**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 22nd 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: <https://www.instagram.com/p/C-9dIAoRP5f/?igsh=b2ZiOTNrMjl1Mmhr>

EVENT BROCHURE

AVIT
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DIAMOND
I-GAUGE

Cordially invites you all for the Session on

**A Conceptual Way of
Underground Construction
in Problematic Soil**

Resource Person

Dr.Sivapriya S.V
Associate Professor
SSN College of Engineering

22.08.2024
12:00 PM

Seminar Hall

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NAAC
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Organized by
Department of Civil Engineering



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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. | Nabam Hania | 3422110500 4th yr | |
| 2. | Avishet Aravind | 3422210502 | |
| 3. | Rajeev Ranjith Kumar | 3422210506 | Rajeev Rjn. |
| 4. | Sajen Bani | 3422110506 4th yr | |
| 5. | Leyang | 3422110501 | |
| 6. | Md. Afiz Hussain | 3422310502 (ii yr) | Afiz |
| 7. | Md. Helan Khan | 3422310504 (ii yr) | Helan |
| 8. | Mohammad Rahil | 3422310505 (ii yr) | Rahil. |
| 9. | Kowsik | 3422510501 (ii) | S. K. |
| 10. | KIRAN.V | AVIT-24-25-6048 | Kiran V. |
| 11. | EBEY.S | AVIT-24-25-6018 | |
| 12. | NAJADH.N | AVIT-24-25-6019 | |
| 13. | Ruhani Begum ^{Chaudhury} | 3422220505 | Rh |
| 14. | Nandana.S | AVIT-24-25-6024 | |
| 15. | Bijith B | AVIT-24-25-6017 | |
| 16. | Alex Sebastian | AVIT-24-25-5924 | |
| 17. | Ezhilavarasan | 3422220501 | V. E. |
| 18. | Taga Nalo | 3422110508 | Taga |
| 19. | Srinivasan.R | 3422320501 | Srinivasan. |
| 20. | G.Dilip Kumar | 3422210503 | |
| 21. | Dr.Pa.Suriya | AP- II | |