

# **Indian Society for Trenchless Technology**



# **Empowering Experts in Underground Innovation**

Online Program
Duration: 3 days
25th to 27th August

Offline Mode Location: To be Declared Duration: 3 days program 18th to 20th January

908 HEMKUNT CHAMBERS, 89, NEHRU PLACE, NEW DELHI-110019

TEL. : +91-11-4767 0800 FAX. : +91-11-4161 7863

EMAIL: indstt@indstt.com, indstt@gmail.com

Websites: www.indstt.com

Are you a consultant looking to expand your expertise in the cutting-edge field of trenchless technology? Look no further! Our comprehensive training program is designed to equip consultants like you with the knowledge and skills needed to excel in the rapidly evolving world of underground infrastructure.

### **About the Program:**

The Trenchless Technology Consultant Training Program is a game-changer for professionals seeking to become leaders in the field of trenchless technology. Developed by a team of seasoned experts with decades of industry experience, this program offers a unique and immersive learning experience.

### **About IndSTT**

Indian Society for Trenchless Technology (IndSTT) is the autonomous apex organisation to promote the application of Trenchless Technology in India. With several works department both Central & State Government level, PSUs<sup>7</sup> Telecommunication, City Governments, & many more adopting this technology, there is a substantial requirement of Professional / Professional organizations to offer technical consultancy/Advisory services. IndSTT, therefore has initiated a formal training & enlistment program for consultants, already tendering services in India & abroad.

### What You'll Gain:

Specialized Knowledge: Dive deep into the world of trenchless technology, learning about the latest techniques, equipment, and best practices. From horizontal directional drilling and pipe bursting to cured-in-place pipe (CIPP) lining and microtunneling, you'll develop a comprehensive understanding of various trenchless methods.

### **Practical Skills:**

Our program is designed to provide you with hands-on experience through workshops and simulations. Gain proficiency in project planning, risk management, cost estimation, and quality control. Master the use of cutting-edge software and tools that optimize trenchless operations.

### **Industry Insights:**

Connect with industry leaders, guest speakers, and fellow consultants in our vibrant learning community. Benefit from their experience, tap into their knowledge, and engage in thought-provoking discussions that drive innovation and excellence.

### **Networking Opportunities:**

Forge valuable connections with consultants, engineers, and professionals from renowned organizations in the trenchless technology sector. Expand your professional network, exchange ideas, and uncover potential collaboration opportunities.

### **Certification:**

Upon complete attendance of the program, you will be awarded a prestigious certification as a Trenchless Technology Consultant. This certification validates your expertise and sets you apart as a trusted consultant in the industry. The candidates who successfully complete this workshop will be automatically registered with the national database of Trenchless Consultants which developed for project client authorities.

### **Who Should Attend:**

This program is ideal for consultants who are passionate about transforming the future of underground infrastructure. Whether you are a seasoned consultant looking to upskill or an aspiring professional seeking to enter the field, our training program offers a solid foundation for your success.

Join us today and become a catalyst for change in the world of trenchless technology. Together, let's reshape the way we build, repair, and maintain our underground infrastructure for a sustainable and resilient future.

### **Workshop Coverage:**

- 1. Introduction to Trenchless Technology
  - a. Definition and overview of trenchless technology
  - b. Advantages and benefits of trenchless technology
  - c. Applications and industries where trenchless technology is used
- 2. Types of Trenchless Technology
  - a. Horizontal Directional Drilling (HDD)
  - b. Pipe Bursting
  - c. Pipe Jacking and Microtunneling
  - d. Cured-in-Place Pipe (CIPP) lining
  - e. Machine Wound Spiral Lining
  - f. Other relevant techniques and methods
- 3. Planning and Design Considerations
  - a. Preliminary site assessment and feasibility studies
  - b. Project planning and scope definition
  - c. Geotechnical investigations and soil analysis
  - d. Design considerations for various trenchless techniques
  - e. Environmental and regulatory considerations
- 4. Construction and Installation Techniques
  - a. Equipment and machinery used in trenchless construction
  - b. Step-by-step process for each trenchless technique
  - c. Best practices for safe and efficient installations
  - d. Quality control and inspection procedures
- 5. Project Management and Risk Mitigation
  - a. Project management principles for trenchless projects
  - b. Budgeting, scheduling, and resource allocation
  - c. Risk assessment and mitigation strategies
  - d. Handling unforeseen challenges and managing change orders
- 6. Case Studies and Success Stories
  - a. Showcase successful trenchless technology projects
  - b. Highlight innovative applications and problem-solving approaches
  - c. Discuss lessons learned and best practices from real-world examples
- 7. Emerging Trends and Future Developments
  - a. Latest advancements in trenchless technology
  - b. New materials and equipment on the market
  - c. Potential future applications and research areas
- 8. Q&A Session and Interactive Discussions
  - a. Provide opportunities for participants to ask questions
  - b. Facilitate discussions and knowledge sharing among participants
  - c. Address specific challenges or concerns faced by consultants
- 9. Hands-on Demonstrations (if possible)
  - a. Arrange practical demonstrations of trenchless techniques
  - b. Allow participants to observe equipment in action
  - c. Provide a hands-on experience, if feasible and appropriate
- 10. Resources and References
  - a. Provide a list of recommended books, journals, and websites
  - b. Share relevant industry standards and guidelines
  - c. Offer additional training and certification programs

# **REGISTRATION FORM**

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## Registrant Details (Please fill in block letters only)

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	BANK TRANSFER								
	Account Holder:	Indian S	Society for Trenchless Technology			gy	Bank Name:	The Federal Bank Ltd.	
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### **Indian Society for Trenchless Technology (IndSTT)**

908, Hemkunt Chambers, 89, Nehru Place, New Delhi –110019 India Phone: +91-11-41617862, 47670800 Fax: +91-11- 41617863 Mobile: +91-9013125123, 9873010226, 9810833128, 9717203923

Email: negi@indstt.com, indstt@indstt.com, indstt@gmail.com

Website: www.indstt.com