

Information Brochure

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Application Form for



IndSTT Certified Instructor Diploma (ICI)

Offered by

Indian Society for Trenchless Technology

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New Delhi 110 019

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Greetings!

Present Day's subsurface development and management activities face several difficulties ranging from lack of physical resources and knowledge of advanced execution technology like Trenchless Technology. At times, due to this difficulty, situation leads to failed or delayed projects, cost overruns, and projects miserably short on the required deliveries. Added to this the growing size of Indian demands for such engineering inputs make the task more daunting for the technology solution provision. The need of the day therefore, is to develop indigenous capacities by training; testing and other related actions so that the services could be afforded in a better way. ICI is the proposed HRD solution as a student of this course will grow to become trainer to render trenchless skills in professionals and assist to develop Trenchless technology sector.

Indian Society for Trenchless Technology (IndSTT) is the apex body of the Trenchless Industry and is promoting excellence in all spheres of the activities. We live in an increasingly complex world, both socially and technically. Therefore, individuals who are conversant with technology, and know how to use it for various useful purposes, are well-prepared for the future. The present rate of growth of Indian Trenchless Industry is phenomenal, and those pursuing this engineering career are expected to enjoy promising career opportunities in the foreseeable future, and this program is going to be an excellent foundation to accomplish the stated goals.

Engineering is the application of scientific principles to improve our world. Engineers can best be thought of as creators, innovators, problem solvers, builders, constructors and leaders. Through these programs we strive to prepare our students to become contributors to society in all respect. You will learn how to think logically, deal with uncertainty, apply technology in a socially and environmentally responsible manner, communicate effectively and collaborate with others and deliver the results.

With these words I welcome you to the fascinating world of Trenchless Construction Engineering and wish you all the best in all your future endeavours.



(Niranjan Swarup)
Executive Director,
Indian Society for Trenchless Technology, India

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DIPLOMAS

Indian construction industry today needs humongous inputs by the way of Trenchless professionals who can work on construction projects related to sub-surface network construction. IndSTT, jointly with CIDC and Assam University Silchar, is initiating diploma and post diploma courses in Trenchless Technology. To assist the course delivery IndSTT is initiating the subject Diploma – IndSTT Certified Instructor (ICI) Diploma on an assured employment basis for Science Stream Graduates as per the terms expressed in this prospectus.

ABOUT TRENCHLESS TECHNOLOGY

Trenchless Technology is the branch of applied engineering dealing with the development and management of subsurface networks of pipes and cables without excavation of continuous trenches.

Common examples of the technology are techniques like Subsurface Utility Engineering, Horizontal Directional Drilling (HDD), Microtunneling, Pipe Rehabilitation Lining, Pipe Bursting, Manhole Reconstruction etc.

Such techniques are extensively used for Water Supply, Drainage & Sewerage networks, Power and Telecom Networks, Gas and Petrochemical pipeline networks in all such locations where open cut excavations are not possible or is required to be avoided.

ABOUT TRENCHLESS TECHNOLOGY INDUSTRY

Today India is deeply involved in developing its urban areas through Jawaharlal Nehru National Urban Renewal Mission (JnNURM) where the urban infrastructure is being developed and upgraded in 63 major cities at an cumulative cost of 1,20,000/= crores. Subsurface networks are expected to consume a major portion of this investment. As the cities are already congested working on open cut basis would not be possible leading to the rise of application of Trenchless techniques.

As on date there are more than 800 different Trenchless equipments operational in India. With the enhanced demand due to JnNURM this number is expected to multiply leading to a high demand of professionals in this sector. As such demand is impossible to be met by the existing manpower IndSTT has initiated various diplomas with different institutions both in India and abroad.

INDIAN SOCIETY FOR TRENCHLESS TECHNOLOGY (INDSTT)

INDIAN SOCIETY FOR TRENCHLESS TECHNOLOGY (INDSTT) is the apex organization to promote the application and nurture the growth of Trenchless Techniques in India and other South Asian nations. It was established in 1995. It is one of the focal points of the Trenchless Technologists in this part of world.

For the past twelve years INDSTT, has been making relentless efforts in popularizing the technology in India and has been able to achieve enormous recognition and respect for its technology promotional efforts.

Trenchless Technology is a newer addition to the construction technology sector to develop and manage subsurface infrastructure networks. As there is a dearth of trained professionals in the sector, Human resource capacity augmentation has become one of the main need areas and Post Diploma in Trenchless Technology is one of such developmental activities of INDSTT. As a student of the Post Diploma Course one shall have the opportunity to be inducted in the Guild as a student member for a proper professional development.

DETAILS OF DIPLOMA IN INDSTT CERTIFIED INSTRUCTOR

Details of the Diploma Course

Details of the diploma course are as follows:

TRAINING DURATION:	12 months (6 months Classroom + 6 months hands on)
ELIGIBILITY:	B.Sc (Science Stream, preferably with Physics, Chemistry & Mathematic or Geology /Earth Science disciplines)
TOTAL SEATS:	10 (Ten)
SELECTION PROCEDURE:	Admissions shall be granted on the basis of the Interview and Marks scored in the qualifying examination. Candidates having good a command over spoken & written English shall be preferred.
HOW TO APPLY:	The application for admission should download the application form & prospectus from IndSTT website http://www.indstt.org/Edu_Prog_ICI.html and submits the same with all the required enclosure on prior to 31 st Dec 2007.

COURSE OUTCOME

Candidates successfully completing the course will be trained in the Trenchless Technology sector so that they are able to do the following:

1. Planning and Implementation of Curriculum Development
2. Development of Resource Material
3. Participation in Co-Curricular and Extra Curricular Activities

4. Student guidance and counselling and helping in their career shaping and personality development
5. Innovation in technician education and evaluation
6. Providing leadership to other Faculty and staff
7. Promotion and Coordinating continuing Education Activities
8. Self-development through up-gradation of knowledge and skills

PROSPECT

Candidates completing the course successfully shall be offered assured employment in various CIDC-ASSAM University training centres across India and abroad for conducting training in Trenchless sector.

FEE STRUCTURE

Fee structure for ICI Diploma Courses on the Self Financing basis

One time Admission & Tuition Fee	Caution Money (one time refundable)
Rs. 12,000/-	Rs. 1500/-

ADMISSIONS - 2008

ELIGIBILITY

Educational Qualification

B.Sc (Science Stream, preferably with Physics, Chemistry & Mathematic or Geology /Earth Science disciplines).

BASIS OF ADMISSIONS

Admission to ICI diploma course will be on the basis of the merit list prepared from the marks obtained in the qualifying examination and a personal counselling interview at IndSTT office on **05-01-08**.

PHYSICAL STANDARDS

All the candidates seeking admission in the ICI Diploma will have to submit a medical certificate given at Annexure –II of this Prospectus duly signed by the Chief/Deputy Chief/Senior Medical Officer at the time of joining the course. The standards of Physical Fitness are also laid down in Annexure-II

INSTRUCTIONS FOR FILLING FORMS

Instructions to Candidates for filling up the Application Form

- 1. Item No. 1 Name of Candidate**
For filling up this column, first write in the boxes your full name (in English) in capital letters exactly as recorded in your Matric Certificate. Write one letter in one box. Leave one box blank between name and sir name. Then darken the corresponding circle below each letter with HB pencil. Do not overshoot the boxes. Do not use any prefix such as Shri, Kumar., etc with your name.
- 2. Item No. 2 Father's / Guardian's Name**
Write your father's / Guardian's name (in English) in capital letters strictly according to Matric certificate. Write one letter in one box. Leave one box blank between name and sir name. Do not use any prefix such as Shri, Dr., etc
- 3. Item No. 3 Date of Birth**
Write your date of birth according to Matric Certificate in the boxes using numerals 01 to 31 for Date, Jan to Dec. for month of birth and last two digits for year of birth. Then darken the appropriate circle for the day, month & year of your birth.
- 4. Item No. 4 Sex**
If you are Male, write MALE in the box and darken corresponding circle.
If you are female, write FEMALE in the box and darken corresponding circle.
- 5. Item No. 5 Photograph**
Paste firmly in the space provided your recent photograph of 3.5 cm x 4.5 cm. Do not staple the photograph. Photograph should neither be signed by you nor it should be got attested.
- 6. Item No. 6 Complete mailing Address**
Write your complete mailing address with pin code including your name in English capital letters with black ball pen only. Also write your contact number namely, telephone or mobile. Do not write outside the box.
- 7. Item No. 7 Signature of candidate**
Make your signature in black ball pen within the box.
- 8. Item No. 8 Mother's Name**
Write your Mother's name (in English) in capital letters strictly according to Matric certificate. Write one letter in one box. Leave one box blank between name and sir name. Do not use any prefix such as Mrs., Smt., etc
- 9. Item No. 9 Qualifying Examination Detail**
Indicate the details as per the columns.
- 10. Declaration**
The candidate and his/her parent / guardian with date and place must sign declaration.
(Unsigned applications shall be rejected summarily)

SUBMISSION OF APPLICATION FORMS

The Application form for ICI duly filled in by the candidate in his own handwriting legibly using capital letters and decimal numerals must reach the IndSTT Office at the address as given below latest by 31-12-07 (upto 5.00 P.M.).

**Indian Society for Trenchless Technology
908, Hemkunt Chambers, 89, Nehru Place New Delhi 110019**

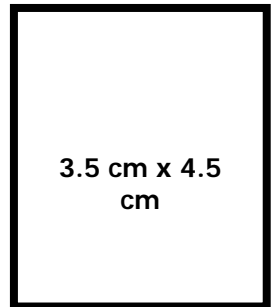
Annexure I – (Application form for IndSTT Certified Instructor Diploma)



App No. _____

Indian Society for Trenchless Technology

Particulars filled by the candidate for admission in ICI Diploma



1. Name of Candidate:
2. Father's / Guardian Name:
3. Date of Birth (DD-MM-YYYY): / /
4. Sex: Male Female
5. Photograph: *(Do not staple the photograph. Photograph should be got attested by an officer of the State Central Govt. on backside.)*
6. Complete Mailing Address:
7. Signature of candidate:
(Make your signature in black ball pen within the box)
8. Mother's Name:

Acknowledgement slip the candidate will bring with him/her while appearing in interview for ICI.

Name of the Candidate: _____

Father's / Guardian's Name: _____

**Photo of the
candidate**

3.5cm x 4.5cm

INSTRUCTIONS TO THE CANDIDATE

1. Please bring this acknowledgement slip to the counseling centre and retain this for future record.
2. You are requested to reach at least 30 minutes before the commencement of the interview.
3. Bring your original documents / testimonials for the interview.

ANNEXURE -II CERTIFICATE OF MEDICAL FITNESS

(TO BE DEPOSITED AT THE TIME OF JOINING)

To be obtained only from gazetted Government Medical officer/Medical Officer of a Government Undertaking. Please note that in no other form this certificate will be accepted. Medical Certificates issued by private medical practitioners will not be accepted.

(Please refer to prescribed standards given overleaf)

Name

(in Block Letters)

Father's / Guardian's Name : Sh.....

Height : Weight

Chest :

Heart & Lungs :

Vision : L : R :

Colour Vision :

Hearing :

Hernia/Hydrocele/Piles :

Remarks :

I certify that I have carefully examined Mr./Ms.....
son/daughter of Shri..... who has signed in my
presence. He/she has no mental and physical disease and is FIT.

Signature of the candidate

Station : Signature of the Medical Officer

Date : with legible seal.

PRESCRIBED MEDICAL STANDARDS FOR ADMISSION

A Diploma Courses profession demands good physique and stamina. An applicant who suffer from any organic defect or does not have sound health so as to bear the strain of the course which must be heightened in his/her professional life would be well advised not to take up the Diploma Courses Profession. He/she must fulfill the following medical standards.

HEIGHT :	Not less than 1.5 meter for male candidates, and not less than 1.2 meter for female candidates.
WEIGHT :	41 kg. Approximately for male candidates and 37 Kg. approximately for female candidates.
CHEST MEASUREMENT:	Not less than 69 cms. with satisfactory limit of expansion and contraction for male candidates only.
HEART & LUNGS:	No abnormality
HARNIA & HYDROCELE	Presence of these is a temporary disqualification to be rectified before joining the course of study.
VISION :	Normal, where defective, it must be corrected to 6/9 in the better eye and 6/12 in the worse eye. Eye should be free from congenital and other disease.
HEARING :	Normal, Where defective, it must be corrected.

ANNEXURE – III

CHARACTER CERTIFICATE

(TO BE DEPOSITED AT THE TIME OF JOINING)

Certified that Mr./Miss/Mrs. _____ Son/daughter of
Shri _____ has been a bonafide student of this institution
during the period _____. He/She appeared in the
_____ Examination of the institution/Board held in
_____ under Roll No. _____
and *passed obtaining _____ Marks out of
_____ marks or *failed / *placed under compartment in the subject of
_____.

1. Academic Distinction , if any _____
2. Co-curricular activities, if any _____
Brief particulars of disciplinary action by Institution/Board including punishment such as
Expulsion, warning, Fined for violation of hostel rules. UMC/disqualification etc., if any
_____.
3. General Conduct during stay in the institution : Good/Satisfaction/Unsatisfactory
5. He/She bears good/bad Character.

No. _____ Signature Principal (with office seal)

Date: _____

*Strike out whichever is not applicable

ANNEXURE IV

Indian Society for Trenchless Technology Membership Form

Affiliate / Student / Research Membership

Trenchless Professional member category comprises of developing Trenchless Professionals termed as **Student Member / Research Member**. Persons pursuing courses leading to attainment of Professional Qualifications by virtue of which the individual can have understanding of Trenchless Technology techniques and is interested to practice as a Trenchless Technology professional after education may apply for Student / Research Membership of the Society. Such persons may on application and payment of required fee as determined by the Society, be admitted as Student / Research members of INDSTT. However, till Individual membership is granted subject to attainment of necessary experience after completion of the educational course, such members will be admitted as Student Individual Members.

The Student Individual Members will not be entitled to use any designatory letter or title of Trenchless Technology and will not have voting rights. However, such members will have all benefits which otherwise accrue to a Fellow members and will be subject to its code of conduct and discipline.

INDIAN SOCIETY FOR TRENCHLESS TECHNOLOGY (INDSTT)				
MEMBERSHIP FEE STRUCTURE				
(INSTITUTIONAL / CORPORATE / INDIVIDUAL / PROFESSIONAL / AFFILIATE / FELLOW / PATRON MEMBERSHIP)				
(A) INDIAN APPLICANTS				
S.No.	Type	Admission Fee (Rs.)	Annual Membership Fee (Rs.)	One Time Membership Fee (Rs.)
(4)	AFFILIATE / STUDENT / RESEARCH MEMBER Persons under training to be equivalently qualified by examination to attain professional qualification.	2,000/-	1,000/-	-

INDIAN SOCIETY FOR TRENCHLESS TECHNOLOGY (INDSTT)
STUDENT MEMBERSHIP FORM

Dt:

The Secretary,

Indian Society for Trenchless Technology,
908, Hemkunt Chambers,
89, Nehru Place,
New Delhi-110 019 (India)

Dear Sir,

Kindly enroll me in the Indian Society for Trenchless Technology as a student Member.
My main particulars are given below :

Details

1. Name :
2. Address :
3. Tel. / Fax / Mobile No. :
4. Email / Website Address :
5. Permanent Address :
6. Permanent Tel. / Fax No. :

Declarations

1. I agree to provide further detail, if any what so ever, needed by you upon request.
2. I solemnly declare and undertake that all the information given above and in the attachment to this letter is true to the best of our/my knowledge and belief.
3. I agree to accept the decision of the Governing Council in the regard of our/my Membership which shall be final and binding on me.
4. I further declare that I shall follow the code and ethics of conduct as prescribed/revised time to time for the Members.

(Signature)

Payment Detail

I am enclosing herewith a Cheque/DD No.favouring to "**Indian Society for Trenchless Technology**" drawn on(Bank) payable at for Rs...3,000/-

(Admission Fee Rs.2000/=..Membership Fee Rs.1000/- Total Fee Rs.3,000/-)

Thanking you,

Yours faithfully,

(Signature)

- NOTE:** (1) Individual Membership is non transferable.
(2) Membership type applicability shall be decided by the Council and will be final and binding on the applicants.
(3) Membership is subject to Society rules as in force and shall be subject to the directives of the Council.
(4) Voting rights shall be subjected Society rules as in force.

-----**FOR OFFICE USE ONLY**-----

Date of Application :

Date of Fee Payment :

Forwarded to Membership Committee on :

Recommendation: _____

Membership Category :

Membership Number :

Next date of Fee due :

Contact Details

Executive Director

Indian Society for Trenchless Technology
908, Hemkunt Chambers, 89, Nehru Place,
New Delhi 110 019, INDIA
Ph: +91-11-41617862
Fax: +91-11-41617863
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Website: www.indstt.org

KEY DATES

Availability of Prospectus & Submission of Application form	18-12-07 to 21-01-2008 upto 05:00 PM
Counseling Details	
1st Interview	22-01-08
Subsequent Interview's by IndSTT	25-01-08 onwards
Start of Session for 1st year	01-02-08