



सत्यमेव जयते



GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP
DIRECTORATE GENERAL OF TRAINING



TRAINING CALENDER

2026-2027



NSTI

AN ISO 29990:2010 CERTIFIED INSTITUTE



NATIONAL SKILL TRAINING INSTITUTE

GILL ROAD, LUDHIANA-141003 PUNJAB (INDIA)

FROM THE DESK OF DIRECTOR

It is well said "Without Knowledge, Skill cannot be focused. Without Skill, Strength cannot be brought to bear and without Strength, Knowledge may not be applied". We at NSTI, Ludhiana try our best to empower individual with both knowledge and skill by means of our long-term and short-term courses which makes them confident industrial professional.



Lt Col Vishal Arora
(Regional Director)
RDSDE Punjab

PRINCIPAL'S MESSAGE

"It is possible to fly without motors, but not without knowledge and skill."

Dear trainees,

I welcome you to the family of NSTI, Ludhiana. Our aim is to upgrade your technical skill by means of our long term (CITS courses) and short term courses to make you industry ready. In our Institute we provide a learning environment that inspires and motivates you to achieve your goal by gaining advanced skills through your selected course. We have best faculty who are well educated & cooperative. I wish all of you Good Luck & Bright Future.



Sh. Rajesh Meena
(Jt. Director/HOO)
NSTI Ludhiana

ABOUT THE INSTITUTE

The National Skill Training Institute, Ludhiana an ISO 29990:2010 certified institute formerly called Advanced Training institute (ATI) was established by the Government of India, Ministry of Labour and Employment, Directorate General Employment and Training in 1963 primarily with the objective for the training of Craftmen Instructor in different engineering trades for Industrial Training Institute (ITI's) and Industrial establishment for developing skilled manpower for industries. The institute is situated in a sprawling area of about 33 acres of land. Now this institute is working under the aegis of Ministry of Skill Development and Entrepreneurship. In addition Regional Directorate of Skill development and entrepreneurship has also been established in the premises of NSTI, Ludhiana.

Subsequently in 1978 the activities of the institute were expanded under the UNDP and ILO collaborated Advanced Vocational Training Scheme (AVTS) to upgrade and update the skill and knowledge of serving industrial workers and technicians. To make it more effective the institute was upgraded and renamed as Advanced Training Institute in May 1982 and again renamed as National Skill Training Institute in 2018. Under this scheme short term courses on Modular Patterns ranging from 1 to 4 weeks duration are offered (listed in the calendar). A modular approach is used so that industrial workers/technicians can choose the required modular course(s) to acquire the desired proficiency in Advanced Skill /Techniques at their convenience.

The Institute is well equipped with basic amenities required for health training environment. It comprises of well equipped Workshop, Library, Audio-Visual Room and Hostel (presently for male trainees only). Dispensary and club for indoor-outdoor games. Residential Complex for staff is also available inside the Institute Campus

Recently we have also acquired about 26 Acres of land in village Arrainchan near Doraha. an institute of Heavy Vehicle is proposed to be established in near future.

ADVANCED VOCATIONAL TRAINING SYSTEM**TRAINING CALENDAR FOR THE PERIOD FROM 2026-27**

Code No.	Name of the Course	Intake Capacity	Weeks	From	To
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HI-TECH**HI-TECH (CAD/CAM & CNC) LAB**

HI-01 (VMC)	Programming & operation of Vertical Machining Centre (VMC 500-FANUC CONTROL SYSTEM)	10	2	05.10.2026	16.10.2026
				01.02.2027	12.02.2027
HI-02 (TMC)	Sinumerik 828D – Operation & programming Turn-Mill	10	2	31.08.2026	11.09.2026
				07.12.2026	18.12.2026
HI-03 (ST)	Sinumerik 828D/808D – Programming Practice on Simulator (TURNING)	10	1	14.09.2026	18.09.2026
				04.01.2027	08.01.2027
HI-04 (SM)	Sinumerik 828D/808D – Programming Practice on Simulator (MILLING)	10	1	29.06.2026	03.07.2026
				28.09.2026	02.10.2026
				11.01.2027	15.01.2027
HI-05 (CAD)	Auto CAD (Mechanical)	10	1	06.07.2026	10.07.2026
				26.10.2026	30.10.2026
				15.02.2027	19.02.2027
HI-06 (SW)	3D Printing (3DP) Dassault Systems	10	1	30.11.2026	04.12.2026
				22.03.2027	26.03.2027
HI-07 (SE)	Solid Edge 2022 (3D Modelling) SIEMENS	10	2	27.07.2026	07.08.2026
				09.11.2026	20.11.2026
				01.03.2027	12.03.2027
HI-08 (CAM)	Solid CAM PRO (Machining Software) SIEMENS	10	1	23.11.2026	27.11.2026
				15.03.2027	19.03.2027

AEM**ADVANCE ELECTRONIC MAINTENANCE**

AEM-1	Basic Digital Electronics	10	1	04.05.2026	08.05.2026
				06.07.2026	10.07.2026
				07.08.2026	11.08.2026
				30.11.2026	04.12.2026
AEM-2	Introduction Operation and Handling of Drones	10	1	18.05.2026	22.05.2026
				20.07.2026	24.07.2026
				17.08.2026	21.08.2026
				26.10.2026	30.10.2026
				09.11.2026	13.10.2026
				14.12.2026	18.12.2026
				04.01.2027	08.01.2027
				01.02.2027	05.02.2027
				01.03.2027	05.03.2027

TRO**TOOL ROOM OPERATOR**

TRO-1	Precision Machining on universal milling machine	10	2	28.12.2026	01.01.2027
				11.01.2027	22.01.2027
				01.02.2027	01.02.2027
				22.02.2027	05.03.2027

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AW

ADVANCE WELDING

AW-1	(CO2 MIG WELDING) CO2 Welding on MS Plate and Pipe Welding	10	2	29.06.2026	10.07.2026
				07.09.2026	18.09.2026
	Effect of Metal Transfer on Weld Quality. (CO2/MIG WELDING)	10	2	07.12.2026	18.12.2026
				03.03.2027	12.03.2027
AW-2	Tig Welding (GTAW)	10	2	13.07.2026	24.07.2027
				05.10.2026	16.10.2026
	Gas Tungstun Arc Welding on Stainless Steel Sheet (GTAW / TIG Wwlding)	10	2	11.01.2027	22.01.2027
AW-3	(Spot Welding) Spot Welding on MS Sheet	10	2	02.11.2026	13.11.2026
				08.02.2027	19.02.2027
AW-4	(Air Plasma Cutting) MS Plate Cutting by Air Plasma	10	2	10.08.2026	21.08.2026
				11.01.2027	22.01.2027

EM

ELECTRICAL MAINTENANCE

EM-1	Introduction of PV System Installation and Maintenance	10	1	03.08.2026	07.08.2026
EM-2	DC Motor Operation and Control	10	1	11.01.2027	15.01.2027
EM-3	Rewinding of Electrical Motor (Single Phase)	10	1	10.08.2026	14.08.2026
				14.09.2026	18.09.2026
EM-4	Three Phase Alternator Working Operation and Maintainance	10	1	21.09.2026	25.09.2026
				26.10.2026	30.10.2026
EM-5	Three Phase Induction Motor Operation and Maintainace	10	1	04.01.2027	08.01.2027
				01.02.027	05.02.2027

AF

ADVANCED FITTING

AF-1	Advance Fitting (Polygons)	10	1	15.06.2026	20.06.2026
				22.062026	25.06.2026
				17.08.2026	21.08.2026
				21.09.2026	25.09.2026

SWG

SWITCHGEAR AND PROTECTION LAB

SWG-01	Circuit Breaker's and Relay's a) Line Protective Relay's Types Operation b) C.B. Parts Function Tripping Mechanism	10	1	14.12.2026	18.12.2026
				15.02.2027	19.02.2027

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Code No.	Name of the Course	Intake Capacity	Weeks	From	To
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ISRED INDIAN STANDARD AND READING OF ENGINEERING DRAWING

ISRED-1	Indian Standard and Reading of Engineering Drawing	10	2	10.08.2026	21.08.2026
				07.09.2026	18.09.2026
				09.11.2026	20.11.2026

AM ADVANCED MACHINIST

AM-1	Indexing and Indexing Head	10	1	03.08.2026	07.08.2026
				02.11.2026	06.11.2026
				09.03.2026	13.03.2026
AM-2	Grinding and Griding Wheel	10	1	07.12.2026	11.12.2026
				04.01.2027	08.01.2027
				01.02.2027	05.02.2027

AT ADVANCED TURNER

AT-1	Taper Turning and Thread Wheel	10	1	06.07.2026	10.07.2026
				12.10.2026	16.10.2026
				11.01.2027	15.01.2027

HPC CONTROL TECHNOLOGY

HPC-1	Understanding of Pneumatic Control System	10	1	10.08.2026	14.08.2026
				05.10.2026	09.10.2026
				18.01.2027	22.01.2027
HPC-2	Understanding of Hydraulic Control System	10	1	08.06.2026	12.06.2026
				17.08.2026	21.08.2026
				26.10.2026	30.10.2026
				18.01.2027	22.01.2027

EMO EARTH MOVING MACHINE OPERATOR

EMO-01	Hydraulic Excavator Operator	10	2	29.06.2026	10.07.2026
				13.07.2026	24.07.2026
				14.09.2026	25.09.2026
				09.11.2026	20.11.2026
				04.01.2027	15.01.2027
EMO-02	Back Hole Load Operator	10	2	05.10.2026	16.10.2026
				07.12.2026	18.12.2026
				01.02.2027	12.02.2027

BTD PRESS TOOL DESIGN

BTD-01	Blanking & Piercing Dies	10	1	02.11.2026	06.11.2026
BTD-02	Bending & Forming Dies	10	1	09.11.2026	13.11.2026

MECHANIC AGRICULTURE MACHINERY

MAM-1	Operation, Maintenance & Driving of Combine Harvester	8	2	13.07.2026	24.07.2026
				06.04.2026	17.04.2026
MAM-2	Servicing & Installation of irrigation machinery	8	2	27.07.2026	07.08.2026
				02.08.2027	13.08.2027

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Code No.	Name of the Course	Intake Capacity	Weeks	From	To
ECM ELECTRONIC CONTROLS AND MAINTENANCE					
ECM-01	Programming of PLC for Digital & Analog I/O Application Using Siemens S7 - 1200 & S7 - 400 PIC's (TIA PORTAL)	10	1	29.06.2026	03.07.2026
				06.07.2026	10.07.2026
				03.08.2026	08.08.2026
				14.09.2026	18.09.2026
				12.10.2026	16.10.2026
				09.11.2026	13.11.2026
				14.12.2026	14.12.2026
				04.01.2027	08.01.2027
ECM-02	ProaBasics of G 120 Drive Siemens	10	1	22.02.2027	26.02.2027
				11.08.2026	14.08.2026
				21.09.2026	25.09.2026
				26.10.2026	30.10.2026
				07.12.2026	11.12.2026

A. SHORT TERM (AVTS) :

FEES STRUCTURE

Course	Category	Tuition Fee per trainee per week
Regular Advanced Level Courses (Period up to 12 weeks)	Candidates sponsored from medium and large scale industries in both public and sector	Rs. 2000/-
	Candidates sponsored from small-Scale industries & Private candidates	Rs. 1000/-
	Candidates nominated by Government department such as railway, Defence, etc.	Rs. 1250/-
	Candidates sponsored from educational Institutes like Polytechnic, Engineering colleges and other related Technical Institutions etc.	Rs. 1000/-
Tailor-made Advanced level Courses	Candidates sponsored from medium and large department such as Railway, Defence, etc.	Rs. 4000/-
	Candidates nominated by government department such as Railways, Defence, etc.	Rs. 2500/-
	Candidates sponsored from educational Institutes like Polytechnics, Engineering colleges and other related technical Institutions etc.	Rs. 2000/-

ENTRY QUALIFICATION:

Degree / Diploma in the relevant trade, or
 NTC/NAC Qualified in a relevant trade or Min. 10th Passed for some AVTS Programs
 Qualifications can be relaxed for candidates having relevant experience in concerned trade or industrial sponsored candidates having industrial experience

B. HOSTEL RENT:

Hostel Rent :Rs.100/- Per day
 Service Charges :Rs.10/- Per Trainee/course
 Application & Registration Fee :Rs.100/- Per Trainee

MODE OF PAYMENT

Online through Bharat Kosh in favor of NSTI Ludhiana/ Online transaction/ NEFT/ Physical Cash



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LONG TERM (NCVET) COURSES

Sr. No.	Name of the Course	Duration	Max. Intake Capacity
1	CSA	One Year	50
2	Electrician	One Year	75
3	Fitter	One Year	50
4	Machinist	One Year	50
5	Mechanic Agricultural Machinery	One Year	25
6	Mechanic Diesel	One Year	25
7	Mechanic Motor Vehicle (MMV)	One Year	75
8	Mechanic Tractor	One Year	50
9	Turner	One Year	25
10	Welder	One Year	50

CTS COURSES

Sr. No.	Name of the Course	Duration	Sanctioned Seats
1	Drone	6 Months	24
2	Additive Manufacturing Technician (3D Printing)	1 Year	20
3	Artificial Intelligence Programming Assistant	1 Year	24
4	Turner	2 Year	20
5	Floriculture and Landscaping	1 Year	24

FEEES DETAILS FOR CITS/CTS TRAINEES

Particulars	Govt. Deputed	For Boys		For Girls*	
		Private/General/OBC	Private-SC/ST/PWD/EWS	Private/General/OBC	Private-SC/ST/PWD/EWS
Admission Fee	100	100	25	100	25
Registration Fee		50		50	
Cauton Deposit (Refundable)	250	250	250	250	250
Gymkhana Fee	100	100		100	
Library Deposit	20	20	20	20	20
Tuition		1800	600		
Examination Fee	100	100	25	-	-
Hostal Seat Rent	1200 (100 Per Month)	1200 (100 Per Month)	1200 (100 Per Month)	1200 (100 Per Month)	1200 (100 Per Month)
Service Charge	10	10	10	10	10
Hostal Cauton Money (Refunable)	125	125	125	125	125
TOTAL	1905/-	3755/-	2255/-	1855/-	1630/-

* Female Candidates will be charged registration and hostel fee only.

Note: # The Regional Director/Principal reserves the right to cancel, postpone or replace the scheduled course without assigning any reason.

In the event of any closed or declared holiday, the course will commence on the next working day and conclude on the last working day of the schedule.

HOW TO REACH

From Railway Station : Distance from Railway Station is 5 Kilometer.
Three Wheelers/Scooters and Taxis are available from Railway Station.

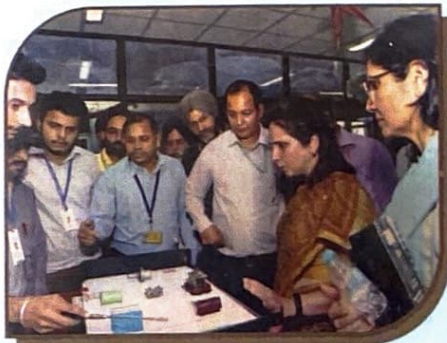
From Bus Stand : Distance from Bus Stand is 4 Kilometer.
Three Wheelers/Scooters and Taxis are available from Bus Stand.



HOW TO APPLY

The candidate should apply on the following link <https://forms.gle/AzYAiYX2jcRWY3P38>
or may visit our office for their admission in the scheduled course.

For Other Details Please Visit : <http://www.nstiludhiana.dgt.gov.in>



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PRINCIPAL

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