



सत्यमेव जयते



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



TRAINING CALENDER

2025-2026



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 out 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



DR. P TILANTHE
(Principal)
NSTI Ldh.

“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.

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 (ITT'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 SCHEME

TRAINING CALENDAR FOR THE YEAR 2025-2026

Code No.	Name of the Course	IntakeCapacity	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	06.10.2025	17.10.2025
				02.02.2026	13.02.2026
HI-02 (TMC)	Sinumerik 828D Operation & programming Turn-Mill	10	2	01.09.2025	12.09.2025
				08.12.2025	19.12.2025
HI-03 (ST)	Sinumerik 828D/808D – Programming Practice on Simulator (TURNING)	10	1	15.09.2025	19.09.2025
				05.01.2026	09.01.2026
HI-04 (SM)	Sinumerik 828D/808D – Programming Practice on Simulator (MILLING)	10	1	29.09.2025	03.10.2025
				12.01.2026	16.01.2026
HI-05 (CAD)	Auto CAD (Mechanical)	10	1	07.07.2025	18.07.2025
				27.10.2025	31.10.2025
				16.02.2026	20.02.2026
HI-06 (3DP)	3D Printing	10	1	01.12.2025	05.12.2025
				23.03.2026	27.03.2026
HI-07 (SE)	Solid Edge 2022 (3DModelling) SIEMENS	10	2	28.07.2025	08.08.2025
				10.11.2025	21.11.2025
				02.03.2026	06.03.2026
HI-08 (CAM)	Solid CAM PRO (Machining Software) SIEMENS	10	1	11.08.2025	22.08.2025
				24.11.2025	28.11.2025
				16.03.2026	20.03.2026

AEM

ADVANCED ELECTRONIC MAINTENANCE

AEM-01	Basic Digital Electronics	10	1	05.05.2025	09.05.2025
				07.07.2025	11.07.2025
				08.09.2025	12.09.2025
				01.12.2025	05.12.2025
AEM-02	Introduction, Operation and Handling of Drones	10	1	19.05.2025	23.05.2025
				21.07.2025	25.07.2025
				18.08.2025	22.08.2025
				27.10.2025	31.10.2025
				10.11.2025	14.11.2025
				15.12.2025	09.12.2025
				05.01.2026	09.01.2026
				02.02.2026	06.02.2026
				09.03.2026	13.03.2026

AM

ADVANCED MACHINIST

AM-01	Indexing and Indexing Head	10	1	04.08.2025	08.08.2025
				03.11.2025	07.11.2025
				09.03.2025	13.03.2025
AM-02	Grinding and Grinding Wheel	10	1	01.12.2025	05.12.2025
				05.01.2026	09.01.2026
				09.02.2026	13.02.2026

ADVANCED VOCATIONAL TRAINING SCHEME

TRAINING CALENDAR FOR THE YEAR 2025-2026

Code No.	Name of the Course	IntakeCapacity	Weeks	From	To
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TRO

TOOL ROOM OPERATOR

TRO-01	Precision Machining on universal milling machine	10	2	22.12.2025	02.01.2026
				12.01.2026	23.01.2026
				02.02.2026	13.02.2026
				23.02.2026	06.03.2026

AW

ADVANCE WELDING

AW-01	(CO2/MIG WELDING) Co2 Welding on MS Plate and Pipe Welding	10	2	30.06.2025	04.07.2025
				08.09.2025	12.09.2025
	Effect of Metal Transfer on Weld Quality. (CO2/MIG WELDING)	10	2	15.12.2025	19.12.2025
				16.03.2026	20.03.2026
AW-02	(GRTAW / TIG Welding) Gas Tungstan Arc Welding on Aluminium Sheet.	10	2	14.07.2025	18.07.2025
				13.10.2025	17.10.2025
	Gas Tungstan Arc Welding on Stainless Steel Sheet (GRTAW / TIG Welding)	10	2	12.01.2026	16.01.2026
AW-03	(Spot Welding) Spot Welding on MS Sheet	10	2	03.11.2025	07.11.2025
				09.02.2026	13.02.2026
AW-04	(Air Plasma Cutting) MS Plate Cutting by Air Plasma	10	2	18.08.2025	22.08.2025
				26.01.2026	30.01.2026

EM

ELECTRICAL MAINTENANCE

EM-01	Introduction of PV System Installation and Maintenance	10	1	04.08.2025	08.08.2025
EM-02	DC Motor Operation and Control	10	1	12.01.2026	16.01.2026
EM-03	Rewinding of Electrical Motor (Single Phase)	10	1	11.08.2025	15.08.2025
				15.09.2025	19.09.2025
EM-04	Three Phase (3Φ) Alternator Working Operation & Maintenance	10	1	22.09.2025	26.09.2025
				27.10.2025	31.10.2025
EM-05	Three Phase Induction (3Φ) Motor Operation & Maintenance	10	1	05.01.2026	09.01.2026
				02.02.2026	06.02.2026

AT

ADVANCED TURNER

AT-01	Taper Turning and Thread Cutting	10	1	07.07.2025	11.07.2025
				20.10.2025	24.10.2025
				12.01.2026	16.01.2026

ADVANCED VOCATIONAL TRAINING SCHEME

TRAINING CALENDAR FOR THE YEAR 2025-2026

Code No.	Name of the Course	IntakeCapacity	Weeks	From	To
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SWG

SWITCH GEAR 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	15.12.2025	19.12.2025
				16.02.2026	20.02.2026

AF

ADVANCED FITTING

AF-01	Advanced Fitting (Polygons)	10	1	16.06.2025	20.06.2025
				23.06.2025	27.06.2025
				18.08.2025	22.08.2025
				29.09.2025	03.10.2025

ISRED

INDIAN STANDARD AND READING OF ENGINEERING DRAWING

ISRED-01	Indian Standard and Reading of Engineering Drawing	10	2	25.08.2025	05.09.2025
				08.09.2025	19.09.2025
				10.11.2025	21.11.2025

MAM

MECHANIC AGRICULTURE MACHINERY

MAM-01	Operation Maintenance and Driving of Combine Harvester	8	2	14.07.2025	25.07.2025
				06.04.2025	17.04.2025
MAM-02	Servicing & Installation of Irrigation Machinery	8	2	28.07.2025	08.08.2025
				20.08.2026	01.08.2026

HPC

CONTROL TECHNOLOGY

HPC-01	Understanding of Pneumatic Control System	10	1	11.08.2025	15.08.2025
				06.10.2025	10.10.2025
				19.01.2026	23.01.2026
HPC-02	Understanding of Hydraulic Control System	10	1	09.06.2025	13.06.2025
				18.08.2025	22.08.2025
				27.10.2025	31.10.2025
				19.01.2026	23.01.2026

EMO

EARTH MOVING MACHINE OPERATOR

EMO-01	Hydraulic ExcavatorOperator	10	2	30.06.2025	11.07.2025
				14.07.2025	25.07.2025
				15.09.2025	26.09.2025
				17.11.2025	28.11.2025
				06.01.2026	17.01.2026
EMO-02	Back Hoe Loader Operator	10	2	13.10.2025	24.10.2025
				08.12.2025	19.12.2025
				02.02.2026	13.02.2026
				16.03.2026	27.03.2026

BTD

PRESS TOOL DESIGN

BTD-01	Blanking & Piercing Dies	10	1	03.11.2025	09.11.2025
BTD-02	Bending & Forming Dies	10	1	12.11.2025	16.11.2025

ADVANCED VOCATIONAL TRAINING SCHEME

TRAINING CALENDAR FOR THE YEAR 2025-2026

Code No.	Name of the Course	IntakeCapacity	Weeks	From	To
ECM ELECTRONIC CONTROLS AND MAINTENANCE					
ECM-01	Programming of PLC for Digital & Analog I/O Applications Using Siemens S7-1200 & S7-400 PICs(TIA PORTAL)	10	1	30.06.2025	04.07.2025
				07.07.2025	11.07.2025
				04.08.2025	08.08.2025
				15.09.2025	19.09.2025
				13.10.2025	17.10.2025
				10.11.2025	14.11.2025
				15.12.2025	19.12.2025
				05.01.2026	09.01.2026
ECM-02	ProaBasics of G 120 Drive Siemens	10	1	23.02.2026	27.02.2026
				11.08.2025	16.08.2025
				22.09.2025	26.09.2025
				27.10.2025	31.10.2025
				01.12.2025	05.12.2025

A. SHORT TERM (AVTS) :

FEE STRUCTURE :

Courses	Category	Tution 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 private 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	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.

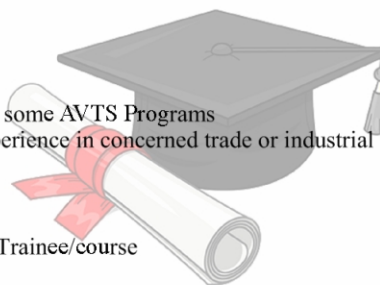
B. HOSTEL RENT :

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 Deposition.



LONG TERM (NCVET) COURSES

CITS COURSES

S.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 Machine Tool Maintenance	One Year	25
8.	Mechanic Motor Vehicle (MMV)	One Year	75
9.	Mechanic Tractor	One Year	50
10.	Turner	One Year	25
11.	Welder	One Year	50

CTS COURSES

S.No.	Name of the Course	Duration	Sanctioned Seats
1.	Drone Technician	6 Months	24
2.	Additive Manufacturing Technician (3D Printing)	1 Year	20
3.	Artificial Intelligenc Programming Assistant	1 Year	24
4.	Turner	2 Years	20

FEES 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	
Caution Deposit (Refundable)	250	250	250	250	250
Gymkhana Fee	100	100		100	
Library Deposit	20	20	20	20	20
Tuition Fee		1800	600		
Examination Fee	100	100	25	-	-
Hostel 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
Hostel Caution Money (Refundable)	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 (AVTS) 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 links { <https://forms.gle/KZoNMGRWy1ZWieTV6>
<https://shorturl.at/RZzmq>
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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