



भारत सरकार
GOVERNMENT OF INDIA
कौशल विकास एवं उद्यमिता मंत्रालय
MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP
प्रशिक्षण महानिदेशालय
DIRECTORATE GENERAL OF TRAINING



TRAINING CALENDER

2023-24



NSTI



राष्ट्रीय कौशल प्रशिक्षण संस्थान

NATIONAL SKILL TRAINING INSTITUTE

गिल रोड, लुधियाना - 141003 पंजाब (भारत)
GILL ROAD, LUDHIANA-141003 PUNJAB (INDIA)

An ISO 29990:2010 Certified Institute

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 course) 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 the best faculty who are well educated & co-operative.

I wish all of you Good Luck & Bright Future.



SH. SUBHASH CHANDRA

ABOUT THE INSTITUTE

* The National Skill Training Institute, Ludhiana An ISO 29990:2010 Certified Institute, formerly called Advanced Training Institute (ATI) was established by Government of India, Ministry of Labour & Employment, Directorate General of Employment & Training in 1963 primarily with the objective for the training of Crafts Instructors in different Engineering trades for Industrial Training Institute (ITI's), Industrial establishment and also for developing skilled manpower for the 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 & Entrepreneurship. In addition Regional Directorate of Skill Development & Entrepreneurship has also been established at the premises of NSTI, Ludhiana.

Subsequently in 1978 the activities of the Institute were expanded under the UNDP and ILO collaborated Advanced Vocational Training System (AVTS) to upgrade and up-date 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 & again renamed as National Skill Training Institute in 2018. Under this Scheme Short term courses on Modular Pattern 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 healthy 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.

In Future we are planning to develop institute of Operation & maintenance of Heavy Vehicle with land area of 26 Acres in village Arrainchan near Doraha.

LIST OF AVTS COURSES

TRAINING CALENDER FOR THE PERIOD FROM JUNE 2023 TO MARCH 2024

CODE NO.	NAME OF THE COURSE	INTAKE CAPACITY	WEEKS	FROM	TO
HI-TECH	HI-TECH (CAD/CAM & CNC) LAB				
HI-01 (VMC)	Programming & operation of Vertical Machining Centre (VMC 500-FANUC CONTROL SYSTEM)	10	2	12.06.2023 09.10.2023	23.06.2023 20.10.2023
HI-02 (TMC)	Sinumerik 828D – Operation & programming Turn-Mill	10	2	08.01.2024 11.09.2023 11.12.2023 18.03.2024	19.01.2024 22.09.2023 21.12.2023 29.03.2024
HI-03 (ST)	Sinumerik 828D/808D – Programming Practice on Simulator (Turning)	10	1	04.09.2023 11.03.2024 28.08.2023	08.09.2023 15.03.2024 01.09.2023
HI-04 (SM)	Sinumerik 828D/808D – Programming Practice on Simulator (Milling)	10	1	01.01.2024 04.03.2024	05.01.2024 08.03.2024
HI-05 (CAD)	Auto CAD (Mechanical)	10	1	03.07.2023 23.10.2023 29.01.2024	07.07.2023 27.10.2023 02.02.2024
HI-06 (SW)	Solid Works (3D Modelling) Dassault Systems	10	2	25.09.2023 27.11.2023	06.10.2023 08.12.2023
HI-07 (SE)	Solid Edge 2022 (3D Modelling) SIEMENS	10	2	10.07.2023 06.11.2023 05.02.2024	21.07.2023 17.11.2023 16.02.2024
HI-08 (CAM)	Solid CAM PRO (Machining Software) SIEMENS	10	1	31.07.2023 20.11.2023 19.02.2024	04.08.2023 24.11.2023 23.02.2024
AEM	ADVANCED ELECTRONIC MAINTENANCE				
AEM-1	Introduction to Internet of Things (IoT)	10	2	11.09.2023 12.02.2024	22.09.2023 23.02.2024
AEM-2	Basic Digital Electronics	10	2	09.10.2023 11.03.2024	20.10.2023 22.03.2024
AEM-3	MS Office and Internet	10	2	13.11.2023	24.11.2023
AEM-4	Power Electronics and its application	10	2	10.07.2023 11.12.2023	21.07.2023 22.12.2023
AEM-5	Microprocessor and its application	10	2	07.08.2023 08.01.2024	18.08.2023 19.01.2024



CNC SECTION



CSA SECTION



ELECTRICIAN SECTION

TRO		TOOL ROOM OPERATOR			
TRO-1	Precision Machining on universal milling machine	10	2	01.01.2024 11.03.2024	12.01.2024 22.03.2024
AW		ADVANCED WELDING			
AW-1	MIG/CO2 WELDING(GMAW)	10	2	17.07.2023 04.12.2023	28.07.2023 15.12.2023
AW-2	TigWelding(GTAW)	10	2	09.10.2023 08.01.2024	27.10.2023 27.01.2024
AW-3	Spot Welding	10	1	03.07.2023 06.11.2023 11.03.2024	07.07.2023 10.11.2023 15.03.2024
AW-4	Plasma Cutting	10	1	21.08.2023 19.02.2024	25.08.2023 23.02.2024
EM		ELECTRICAL MAINTENANCE			
EM-1	Basic Electricity and Safety	10	1	07.08.2023	11.08.2023
EM-2	DC Motor Operation and Control	10	1	08.01.2024	12.01.2024
EM-3	Rewinding of Electrical Motor(Single Phase)	10	1	21.08.2023 11.09.2023	25.08.2023 15.09.2023
EM-4	Three Phase Alternator Working,Operation and Maintainace	10	1	18.09.2023 23.10.2023	22.09.2023 27.10.2023
EM-5	Basic Solar Technology	10	1	11.12.2023 12.02.2024	15.10.2023 16.02.2024
EM-6	Three Phase Induction Motor Operation and Maintainace	10	1	15.01.2024 20.02.2024	19.01.2024 24.02.2024
EM-7	Control Panel Wiring	10	2	04.03.2024 18.03.2024	15.03.2024 29.03.2024
AF		ADVANCED FITTING			
AF-1	Advanced Fitting (Polygons)	10	1	12.06.2023 21.08.2023 16.10.2023 27.11.2023	16.06.2023 25.08.2023 20.10.2023 01.12.2023
ISRED		INDIAN STANDARD AND READING OF ENGINEERING DRAWING			
ISRED-1	Indian Standard and Reading of Engineering Drawing	10	2	19.06.2023 28.08.2023 18.09.2023 06.11.2023 04.12.2023	30.06.2023 08.09.2023 29.09.2023 17.11.2023 15.12.2023



WELDER SECTION



FITTER SECTION



WORKSHOP

AM		ADVANCED MACHINIST			
AM-1	Indexing and Indexing Head	10	1	21.08.2023 06.11.2023	25.08.2023 10.11.2023
AM-2	Grinding and Grinding Wheel	10	1	11.12.2023	15.12.2023
AT		ADVANCED TURNER			
AT-1	Taper Turning and Thread Cutting	10	1	10.07.2023 09.10.2023 15.01.2024	14.07.2023 13.10.2023 19.01.2024
HPC		CONTROL TECHNOLOGY			
HPC-1	Basic Pneumatic Control	10	1	07.08.2023 09.10.2023 15.01.2024	11.08.2023 13.10.2023 19.01.2024
HPC-2	Basic Hydraulic Control	10	1	12.06.2023 21.08.2023 16.10.2023 22.01.2024	17.06.2023 25.08.2023 20.10.2023 26.01.2024
MAM		AGRICULTURE MACHIERY			
MAM-1	Servicing & installation of irrigation machinery	8	2	17.07.2023	28.07.2023
MAM-2	Operation of power tiller	8	2	05.02.2024	16.02.2024
MAM-3	Operation Maintenance & driving of combine harvester	8	2	18.03.2024	29.03.2024



TURNER SECTION



LIBRARY



MACHINIST SECTION



MMV SECTION



MECHANIC TRACTOR SECTION

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.



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.



FEE STRUCTURE

A. INDIAN NATIONALS

Courses	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/-

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 favour of NSTI Ludhiana/ Online transaction/ NEFT/ Physical Cash Deposition.

HOW TO APPLY

The candidate should apply on the following link or Scan Qr Code :- <https://forms.gle/A-zYAiYX2jcRWY3P38> Or may visit our office for their admission in the scheduled course.

FOR OTHER DETAILS PLEASE VISIT

<http://www.nstiludhiana.dgt.gov.in>



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.



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DIRECTOR

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