

Mandatory Disclosure 2022-23


Mandatory Disclosure updated on 15.11.2023


	AICTE File No.	1-454382011
	Date & Period of last approval	15.07.2023, 2023-24
1.	Name of the institution	Central Tool Room
	Address of the Institution	A-5, Phase-V, Focal Point
	City & Pin Code	Ludhiana-141010
	State/UT	Punjab
	Longitude & Latitude	Longitude-75,51,0 Latitude- 30,35,0
	Phone Number with STD Code	0161-2670057/58/59
	Fax number with STD Code	0161-2674746
	Office hours at the institution	9.00 AM-5.30 PM
	Academic hours at the Institution	7.30AM-5.30PM
	E-mail	<ul style="list-style-type: none"> • training@ctrludhiana.org • ctrludhiana10@gmail.com
	Website	www.ctrludhiana.org
	Nearest Railway Station (dist. in KM)	Ludhiana, 7 Km
	Nearest Airport (dist in KM)	Sahnewal, 10 Km
2.	Name and address of the Trust/ Society/ Company and the Trustees	A-5, Phase-V, Focal Point, Ludhiana-141010, Punjab
3.	Name of Principal/Director	A P Sharma
	Exact Designation	General Manager
	Phone number with STD Code	0161-2670057
	Fax number with STD code	0161-2674746
	E-mail	gm@ctrludhiana.com
	Qualification	M.Tech
	Field of specialization	Industrial Engineering
4.	Name of the affiliating University	Punjab State Board of Technical Education & Industrial Training, Chandigarh.
	Address	Plot. No. 1-A, Sector 36-A, Chandigarh.
	Website	www.punjabteched.com
	Latest affiliation period	2018-19
5.	Governance	Government Aided under Ministry of MSME
	Members of the Board and their brief background	As Per Annexure- 1
	Frequency of the Board Meeting	Twice in a year
6.	Members of Academic Advisory Body	As per Annexure- 1
	Frequency of Meeting	Twice in a year
7.	Organizational chart and processes	As Per Annexure- 2
8.	Nature and Extent of involvement of faculty and students in academic	Meetings are organized with Principal Director, Students & Training Staff. Parents


	affairs/improvements	are also welcome
	Mechanism/Norms & Procedure for Democratic / good Governance	As per rules & regulations of the Society
	Student Feedback Mechanism on Institutional Governance / Faculty performance	Subject wise feedback from students at the end of the session and rating of faculty as per ISO 9001:2015 norms.
	Grievances Redressal Mechanism for Faculty staff and students	Grievances Redressal committee has been constituted
	Establishment of Anti Ragging Committee	committee has been constituted
	Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University	committee has been constituted
	Establishment of Internal Complaint Committee (ICC)	committee has been constituted
	Establishment of Committee for SC/ ST	committee has been constituted
	Internal Quality Assurance Cell	Internal Quality Assurance Cell has been constituted
	PROGRAMMES	
	Name of the Programmes approved by the AICTE	1. Diploma in Mechanical Engineering (Tool & Die) 2. Diploma in Mechatronics Engineering
	Name of the Programmes accredited by AICTE	1. Diploma in Mechanical Engineering (Tool & Die) 2. Diploma in Mechatronics Engineering
	For each Programme the following details are to be given	
9.	1. Name 2. Number of seats 3. Duration 4. Cut off mark / rank for admission during the last three years 5. Fee	1. Diploma in Mechanical Engineering (Tool & Die) 2. 60 , Fee waiver- 3 and 12 for lateral entry 3. 4 Years 4. As per direction of PSBTE & IT, Chandigarh 5. Rs. 41,675/- Annually (As per PSBTE Norms)
	1. Name 2. Number of seats 3. Duration 4. Cut off mark / rank for admission during the last three years 5. Fee	1. Diploma in Mechatronics Engineering 2. 60, Fee waiver- 3 and 12 for lateral entry 3. 3 Years 4. As per direction of PSBTE & IT, Chandigarh 5. Rs. 41,675/- Annually (As per PSBTE Norms)
	Placement Facility	CTR Placement cell
10.	Campus Placement in the last three years with minimum and maximum salary	Year wise Placement status: 2022-23: 32 2021-22: 35 2020-21: 48
11.	Name and duration of programme(s) having affiliation / collaboration with Foreign Board(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If	Not Applicable


	there is foreign collaboration, give the following details:		
	Details of the Foreign Institution/Board:		
	Name of the Board /Institution		
	Address		
	Website		
	Is the Institution/University Accredited in its Home Country		
	Ranking of the Institution/ Board in the Home Country		
	Whether the diploma offered is equivalent to an Indian Diploma? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country		
	Nature of Collaboration	Not Applicable	
	Conditions of Collaboration		
	Programme Focus		
	Number of seats		
	Admission Procedure		
	Fee		
	Placement Facility		
	Placement Records for last three years with minimum salary, maximum m salary and average salary		
	Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16th May, 2005		
12.	Faculty		
	List of faculty members:		Annexure: 3
	Permanent Faculty		All faculty member recruited are permanent
	Visiting Faculty		01
	Adjunct Faculty		Nil
	Guest Faculty	Nil	
	Permanent Faculty: Student Ratio	1:20	
	Number of Faculty employed during the last three years	03	
	Number of Faculty left during the last three years	02	


13. Brief Profile of / Director/ Principal and faculty members


<p>Name : AMIT PRAKASH SHARMA</p> <p>Date of Birth : 20.06.1965</p> <p>Educational Qualification:</p> <ul style="list-style-type: none"> • M.Tech. in Industrial Engineering from I.I.T. Delhi in the year 1989. • B.E. in Mechanical Engineering from Punjab Engineering College, Chandigarh in the year 1986. 	
<p>Professional Training:</p> <ul style="list-style-type: none"> • On the usage of Rapid Prototyping technology by 3D Systems, Germany • CAD, CAM, CNC, Teaching methods etc. by Italian M3T, Milan, Italy <p>Professional Experience:</p> <p>32 years of multi facet professional experience as Academician, vocational trainer, Industrial design & Production, Administration in Government and private sector.</p> <p>Present assignment is as General Manager – Central Tool Room, Ludhiana. CTR has been established under a bilateral agreement between Government of India and Government of Germany. Its objective is to provide consultancy and production facilities for dies, moulds, jigs, fixtures etc. and train the manpower in these areas. It is autonomous institute under the administrative control of Ministry of Micro, Small and Medium Enterprise.</p> <p>The services are being provided to more than 3000 industrial units in Product Design & validation through Rapid Prototyping, tooling for Design and Manufacturing of Stamping Dies, Plastic Mould, Pressure Die Casting Dies, Jigs & Fixture and Gauges.</p> <p>Research & Development Accomplishments :</p> <ul style="list-style-type: none"> • Authored a paper entitled “Biomodels” in National Conference on Recent Advances in Applied Zoology during 24-25 March, 2006. • Addressed the conference on “Polymer Advanced Technologies & Applications” organized jointly by CII and IPI(Chandigarh Chapter) during 13 – 14 July, 2006 at Chandigarh. • Presented a paper during the short term programme on “Opportunities in Plastics for Young Entrepreneurs / Engineers / Technicians” held at National Institute of Technical Teachers’ Training and Research on 15 th of March, 2007. • Authored a paper entitled “Advance Manufacturing Technology” in the National Conference on Precision Manufacturing at Sant Longowal Institute of Engineering & Technology. • Delivered Key Note address on Innovate – Lead – Succeed at the International Seminar held at Desh Bhagat Group of Institute, Punjab. • Developed Door Closer and Door Lock for an export oriented unit. • Designed and developed tools for car seat sliders of leading automotive original equipment manufacturers. • Department of Science & Technology, GoI sanctioned a project entitled “Promotion of environment friendly Plasma Nitriding Technology for wear and corrosion resistance of engineering components” worth Rs 102 lacs in 2012. • Designed and developed form, fill and seal mould as import substitute for pharmaceutical industry. • Developed water meter mechanism in plastic. • Developed special tools, fixtures and gauges for defence sector. • Developed Rocker and Bender mechanism for controlled sheet metal forming operation. • Developed Ball Lock Punches for replacing punches on sheet metal press without tool unloading thereby increasing productivity. • Developed hot runner plastic moulds for industrial knife. 	

1	Name	Jagdeep Saini	
2	Date of Birth	04/03/1964	
3	Educational Qualification	B.Sc Engg. (mechanical)	
4	Work Experience	36 years	
	Teaching	30 years	
	Research	-----	
	Industry	6 years	
	Others	-----	
5	Area of Specialization	Design & Training	
6	Subject teaching at Diploma Level	CNC Technology, Press Tool Design, Mould Design.	
	Post Diploma Level	CNC Technology, Press Tool Design, Mould Design.	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	Car seat slider, stapler	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	


1	Name	D. S. Gojra	
2	Date of Birth	25/08/1963	
3	Educational Qualification	Diploma (mechanical Engg.)	
4	Work Experience	37 years	
	Teaching	25 years	
	Research	-----	
	Industry	12 years	
	Others	-----	
5	Area of Specialization	Heat Treatment	
6	Subject teaching at Diploma Level	Heat Treatment	
	Post Diploma Level	-----	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	


1	Name	Jagdeep Singh	
2	Date of Birth	29/09/1975	
3	Educational Qualification	M. Tech Engg. (Production)	
4	Work Experience	28 years	
	Teaching	23 years	
	Research	-----	
	Industry	05 years	
	Others	-----	
5	Area of Specialization	Manufacturing & Non. Conventional machining	
6	Subject teaching at Diploma Level	Indu. Engg., Engg. Drawing, W. tech., Hyd. & Pve	
	Post Diploma Level	Material Engg.	
7	Research Guidance	M. Tech Thesis	
8	No. of Papers Published in	-----	
	Masters:- National Journal	01	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	


1	Name	Sharnpal Singh Taggar	
2	Date of Birth	04/09/1970	
3	Educational Qualification	B.Tech, AMIE mechanical Engg.	
4	Work Experience	33 years	
	Teaching	15 years	
	Research	-----	
	Industry	18 years	
	Others	-----	
5	Area of Specialization	Tool Design, PDC & Forging, Entrepreneurship	
6	Subject teaching at Diploma Level	Tool Design	
	Post Diploma Level	Tool Design	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	


1	Name	D.S Dubey	
2	Date of Birth	24/10/1968	
3	Educational Qualification	B. Tech, Mechanical	
4	Work Experience	31 Years	
	Teaching	11 Years	
	Research	-----	
	Industry	20 Years	
	Others	-----	
5	Area of Specialization	Development of Tooling, Mould, Press Tool, Casting, Gauge etc.	
6	Subject teaching at Diploma Level	Mould Design, Press Tool Design	
	Post Diploma Level	Mould Design, Press Tool Design	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	3	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	


1	Name	Neelam Bala	
2	Date of Birth	27/08/1973	
3	Educational Qualification	B. Tech (Mechanical)	
4	Work Experience	23 Years	
	Teaching	21 Years	
	Research	-----	
	Industry	2 Years	
	Others	-----	
5	Area of Specialization	Rapid Prototyping and Quality control	
6	Subject teaching at Diploma Level	Metrology, Rapid Prototyping	
	Post Diploma Level	Metrology, Rapid Prototyping	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	

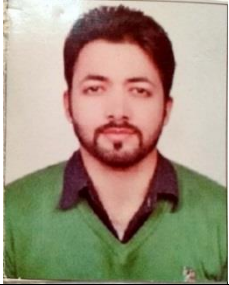
1	Name	Kamaloddin	
2	Date of Birth	31/03/1985	
3	Educational Qualification	B.Tech Mechanical	
4	Work Experience	12 Years	
	Teaching	8 Years	
	Research	----	
	Industry	4 Years	
	Others	----	
5	Area of Specialization	Reverse Engineering, Tool Design, Additive Manufacturing	
6	Subject teaching at Diploma Level	Press Tool Design, Reverse engineering	
	Post Diploma Level	Press Tool Design, Reverse engineering	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	3	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	


1	Name	Rahul Kirti	
2	Date of Birth	04/11/1987	
3	Educational Qualification	B.Tech, Mechanical Engineering M.Tech, Machine Design	
4	Work Experience		
	Teaching	10 Years	
	Research	10 Years	
	Industry	-----	
	Others	-----	
5	Area of Specialization	Finite Element Analysis, Computer Aided Engineering (CAE), Structural Analysis, HyperWorks software, Machine Design, Applied Mechanics, Engineering Metrology	
6	Subject teaching at Diploma Level	Applied Mechanics and Strength of Materials, Engineering Metrology	
	Post Diploma Level	Engineering Metrology, Finite element Analysis, HyperWorks	
7	Research Guidance	M.tech- 2 Nos.	
8	No. of Papers Published in	01	
	Masters:- National Journal	01	
	Ph.D: -International Journal	-----	
	-Conferences	01	
9	Project Carried out	01	
10	-----	-----	
11	-----	-----	
12	Research Publications	01	
13	No. of books published with details	-----	


1	Name	Rajesh Kumar	
2	Date of Birth	19/06/1986	
3	Educational Qualification	M.Tech, Production	
4	Work Experience	11.5 Years	
	Teaching	8 Years	
	Research	-----	
	Industry	3.5 Years	
	Others	-----	
5	Area of Specialization	Tool Design, CAD/CAM	
6	Subject teaching at Diploma Level	Press Tool, Mould Design	
	Post Diploma Level	Press Tool, Mould Design, Ansys	
7	Research Guidance	-----	
8	No. of Papers Published in	01	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	

1	Name	Sukhwant Singh	
2	Date of Birth	15/06/1991	
3	Educational Qualification	B.tech (mechanical Engg.)	
4	Work Experience	9 years	
	Teaching	9 years	
	Research	-----	
	Industry	-----	
	Others	-----	
5	Area of Specialization	CAD/CAM	
6	Subject teaching at Diploma Level	Workshop Technology, Engg. Drawing, Engg. Metrology, CAD/CAM	
	Post Diploma Level	Workshop Technology, Engg. Drawing, Engg. Metrology, CAD/CAM	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	

1	Name	Mrinankush Dutta	
2	Date of Birth	04/03/1992	
3	Educational Qualification	B.Tech, ECE	
4	Work Experience	8.5 years	
	Teaching	8.5 years	
	Research	-----	
	Industry	-----	
	Others	-----	
5	Area of Specialization	Automation, PLC, SCADA,HMI Mechatronics	
6	Subject teaching at Diploma Level	Basic Electrical, PLC System, Automation Technology, Hydraulics & Pragmatics	
	Post Diploma Level	Machine Maintenance, Electrical, Automation	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	

1	Name	Amit Kapoor	
2	Date of Birth	26/08/1989	
3	Educational Qualification	M.tech (ECE)	
4	Work Experience	9.5 years	
	Teaching	9.5 years	
	Research	-----	
	Industry	-----	
	Others	-----	
5	Area of Specialization	Embedded System, 8051 Microcontroller, Digital Electronics, Arduino Programming.	
6	Subject teaching at Diploma Level	Basic Electronics, Digital Electronics, AutoCAD Electrical	
	Post Diploma Level	Embedded System, Microcontroller Programming	
7	Research Guidance	01	
8	No. of Papers Published in	-----	
	Masters:- National Journal International Journal	03	
	Ph.D:-International Journal	-----	
	-Conferences	06	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	

1	Name	Ajayveer Singh	
2	Date of Birth	14/07/1991	
3	Educational Qualification	M.Tech, Production	
4	Work Experience	8 Years, 5 Months	
	Teaching	8 Years	
	Research	-----	
	Industry	5 Months	
	Others	-----	
5	Area of Specialization	CNC Technology, Production Planning and Control	
6	Subject teaching at Diploma Level	Production Planning and Control, CNC Technology	
	Post Diploma Level	Production Planning and Control, CNC Technology	
7	Research Guidance	-----	
8	No. of Papers Published in	01	
	Masters:- National Journal	-----	
	International Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	02	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	

1	Name	Anubhav Mehta	
2	Date of Birth	20/08/1989	
3	Educational Qualification	B.tech (mechanical Engg.)	
4	Work Experience	8 years	
	Teaching	8 years	
	Research	-----	
	Industry	6 months	
	Others	-----	
5	Area of Specialization	CNC Technology, CAD/CAM	
6	Subject teaching at Diploma Level	Workshop Technology, CNC Programming	
	Post Diploma Level	Part Programing , MasterCAM, Production Technology	
7	Research Guidance	-----	
8	No. of Papers Published in	-----	
	Masters:- National Journal	-----	
	Ph.D:-International Journal	-----	
	-Conferences	-----	
9	Project Carried out	-----	
10	Patents	-----	
11	Technology Transfer	-----	
12	Research Publications	-----	
13	No. of books published with details	-----	

14	Admission:	
	Number of seats sanctioned with the year of approval	60 in each (2023-24)
	Number of students admitted in the last three years	As per Annexure - 4
	Number of applications received during last two years for admission under Management Quota and number admitted	Nil (under Management Quota)
	Admission Procedure:	
	Mention the admission test being followed, name and address of the Test Agency and its URL (website).	Admissions shall be made through online counselling by NIC, in collaboration with the Board (PSBTE & IT Chandigarh). Detailed instructions for online admission procedure will also be available on Board's websites: www.punjabteched.net and www.punjabteched.com
	Number of seats allotted to different Test Qualified candidates separately [JET (State conducted test/Board tests)/Association conducted test]	As per the Admission prospectus of PSBTE & IT for the year 2023-24, the same will be available on http://www.punjabteched.com/
	Calendar for admission against management/vacant seats:	Calendar will be displayed (if required for vacant seats after completion online Counselling of Board
	<ul style="list-style-type: none"> • Last date for request for applications. • Last date for submission of application. • Dates for announcing final results. • Release of admission list (main list and waiting list should be announced on the same day) • Date for acceptance by the candidate (time given should in no case be less than 15 days) • Last date for closing of admission. • Starting of the Academic session. • The waiting list should be activated only on the expiry of date of main list. • The policy of refund of the fee, in case of withdrawal, should be clearly notified. 	As per the Admission prospectus of PSBTE & IT for the year 2023-24, the same will be available on http://www.punjabteched.com/
	Criteria and weightage for admission	Available on http://www.punjabteched.com/
List of applicants	Available on http://www.punjabteched.com/	
Results of admission under management seats/vacant seats	N/A	
15	FEE	
	Details of fee, as approved by State fee Committee, for the Institution.	Rs. 41,675/- per annum (exempted to SC /ST Students)
	Time schedule for payment of fee for the entire programme.	Fee is to be paid on quarterly basis
	No. of Fee waivers granted with amount and name of Students.	Annexure 5
Number of scholarship offered by the institute,	Nil	

	duration and amount	
	Criteria for fee waivers/scholarship.	As per the Admission prospectus of PSBTE & IT for the year 2023-24, the same will be available on http://www.punjabteched.com/
	Estimated cost of Boarding and Lodging in Hostels.	Room rent Rs. 4200/- per quarter Mess charges – Rs. 2600 per month
16	Infrastructure Information	
	Number of Class Rooms and size of each	8 Nos. M4 (671 Sq. ft.), M5 (671 Sq. ft.), R4 (806 Sq. ft.), R39 (450 Sq. ft.), R38 (330 Sq. ft.)
	Number of Tutorial rooms and size of each	R4 (806 Sq. ft.), R39 (450 Sq. ft.), R38 (330 Sq. ft.)
	Number of Laboratories and size of each	8
	Number of Drawing Halls with capacity of each	1 (80 students)
	Number of Computer Centres with capacity of each	4 Nos. Lab-1 (25 PC), Lab-6 (40 PC), Lab121 (25 PC), Lab118 (25 PC)
	Central Examination Facility, Number of rooms and capacity of each	N/A
	Barrier Free Built Environment for disabled and elderly persons	Available
	Occupancy Certificate	Available
	Fire and Safety Certificate	Available
	Hostel Facilities	Available
	Library	Available
	Number of Library books/ Titles/ Journals available (program-wise)	3824
	List of online National/ International Journals subscribed	4
	E- Library facilities	N/A
	Laboratory and Workshop	2 Workshops
	List of Major Equipment/Facilities in each Laboratory/ Workshop	Annexure 6
	List of Experimental Setup in each Laboratory/ Workshop	N/A
	Computing Facilities	
	Number and Configuration of Systems	150, (core i5 and i7)
	Internet Bandwidth	40 MBPS
	Total number of system connected by LAN	150
	Total number of system connected by WAN	30
	Major software packages available	Auto CAD, Catia, NX, CNC simulator for milling & Turning, Solid works, solid edge, work NC, Master cam, Ansys, HyperWorks, Moldex-3D etc.,
	Special purpose facilities available	ARISE Lab in collaboration with SAMSUNG Electronics, Separate In-House Production, Design, and Rapid Prototyping department for industrial exposure.

	Innovation Cell	Available
	Social Media Cell	Available
	Games and Sports Facilities	Sports Committee has been constituted having faculty and students as members
	Extra-Curricular Activities	Vishvakarma day, Hindi day, Lohri Celebration, Sports week, Vigilance week, Entrepreneurs day, Alumini meet, Yoga Day, Swachta Pakhwara, etc are organized in the institute as per their schedule
	Teaching Learning Process	
	Curricula and syllabus for each of the programmes as approved by the University	As per PSBTE & IT- Chandigarh
	Academic Calendar of the University	As per PSBTE & IT- Chandigarh
	Academic Time Table with the name of the Faculty members handling the Course	Annexure: 7
	Teaching Load of each Faculty	Annexure: 7
	Internal Continuous Evaluation System and place	3 internal exams are conducted in a year at CTR Ludhiana
	Student's assessment of Faculty, System in place	Once in a year at CTR Ludhiana

Facility available:

Training:

Long Term Courses:

- **4 years Diploma in Mechanical Engg. (Tool and Die)**, started in the year 1981 with intake capacity of 20 students. At present intake capacity of 60 students.
- **3 years Diploma in Mechatronics Engineering**, started in year 2018 with intake capacity of 60 students
- CAD/CAM/CAE Softwares: Auto CAD, CATIA, Pro-E/ Creo, NX, Master CAM, Solid works, HyperWorks, Ansys and Work NC.
- Computer hardware and Networking
- Automation With PLC and its application
- Electro Discharge Machining (EDM)
- CNC Wire cut
- CNC Milling operation & Programming
- CNC Turning operation & Programming
- Measurement and Calibration

Heat treatment shop has a series of heat treatment furnaces capable of heat treatment of special alloy steels of modern era.

Heat treatment shop is equipped with:

1. Muffle furnace
2. Electric furnace
3. High heat salt bath furnace
4. Gas carburizing furnace,
5. Vacuum furnace
6. Plasma Nitriding machine.

Heat treatment processes like carburizing, normalizing, stress relieving, hardening and tempering of various types of steels.

Facility for checking hardness, microstructure and material composition of various material

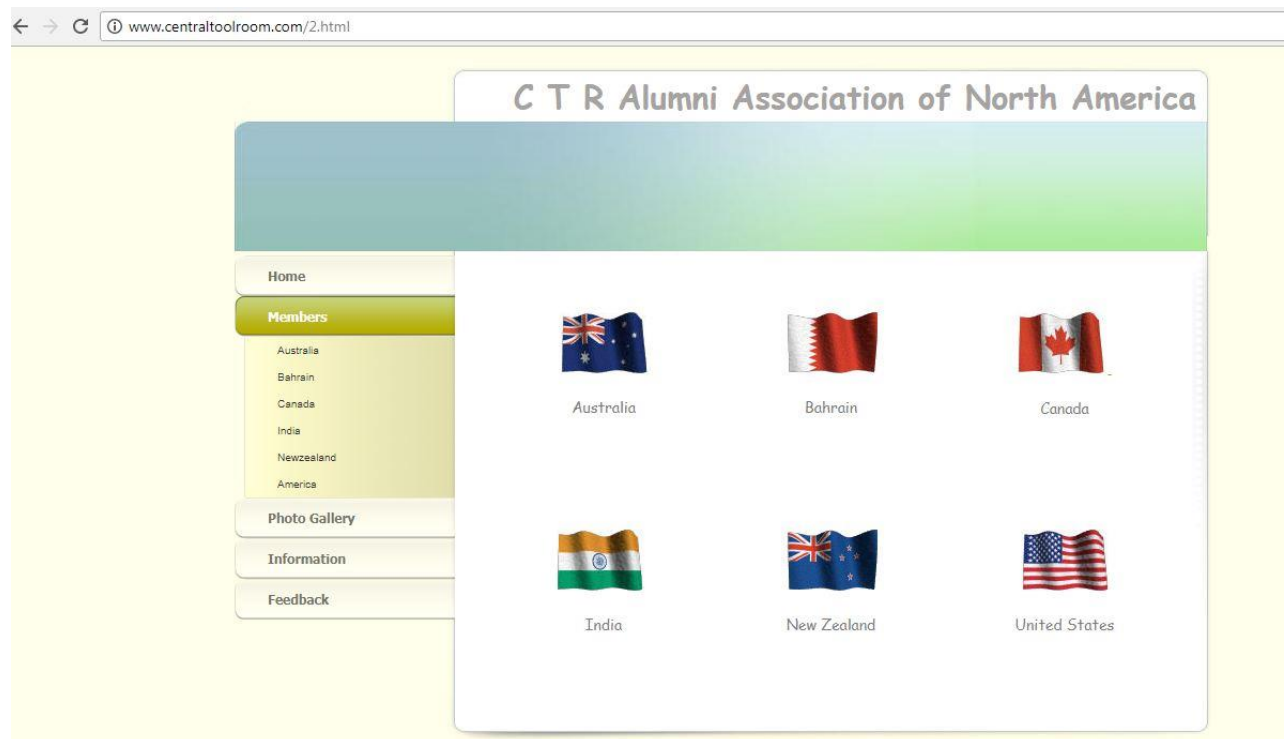
Recent Projects:

- ▶ MCB Design & its Tool Manufacturing
- ▶ Car Seat Adjuster Design & Tool Manufacturing
- ▶ Gauge Design & Manufacturing for Head Rest of Car
- ▶ Tool Design & Tool Manufacturing for Water Flow Meter
- ▶ Staplers Design & Tool Manufacturing
- ▶ Punching Machines Design & Tool Manufacturing
- ▶ Door Closer

Training Manpower since 1980 in the field of Tool and Die, CAD/CAM, CNC Machining.

CTR has wide Alumni reach in India, USA, Canada, Australia, Bahrain etc.

CTR Alumni Website:



Workshops and Labs



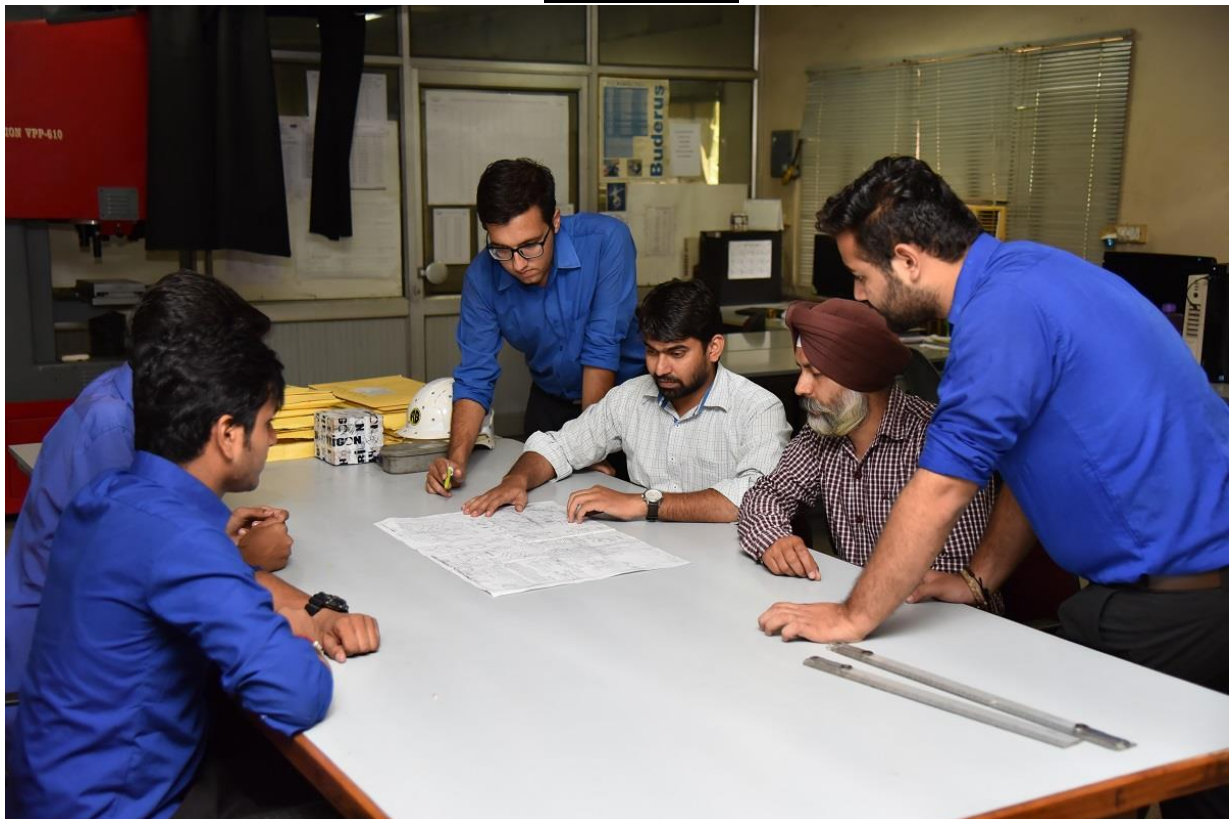




Computer Labs



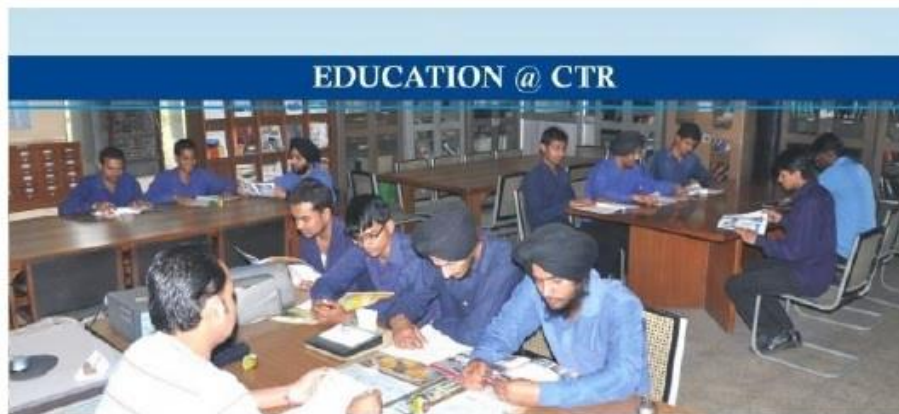
Tool Designing



Inspection



Library facilities



**EDUCATION
AT CTR**

CTR
LUDHIANA
कॉम्प्लैक्स टूथ क्लम



Boys hostel



HOSTEL LIFE



Annexure: 1**LIST OF MEMBERS OF GOVERNIG COUNCIL, CTR, LUDHIANA**

1.	Additional Secretary & DC (MSME), Ministry of MSME, New Delhi	Chairman
2.	Joint Secretary, Ministry of MSME, New Delhi	Member
3.	In-charge TR Division, O/O DC (MSME), New Delhi.	Member
4.	Director/US I. F. Wing Ministry of MSME, New Delhi.	Member
5.	Director of Industries, Govt. of Punjab, Chandigarh.	Member
6.	Director of Industries, Govt. of Haryana, Chandigarh.	Member
7.	Director of Industries, Govt. of H.P., Shimla.	Member
8.	Director of Industries, Govt. of J&K, Jammu.	Member
9.	Managing Director, Chandigarh Industrial & Tourism Dev. Corpn., Chandigarh.	Member
10.	Principal Technical Adviser, GTZ, New Delhi.	Member
11.	Director, Advanced Training Institute, Gill Road, Ludhiana.	Member
12.	Director, MSME – DI, Ludhiana.	Member
13.	Mr. S.P. Nayyar, Nayyar Electrodes Pvt. Ltd., Jammu.	Member
14.	Co-Chairman, Federation of Industries, Jammu.	Member
15.	Shri S.C. Ralhan, President, Hand Tool Association, Ludhiana.	Member
16.	Shri Arun Rawat, House No. 20, E-I, Block GS-79, Army Society, Sector 20, Panchkula.	Member
17.	Shri Sumit Bansal, General Secretary, Confederation of Commerce & Industry, Jagadhari (Haryana).	Member
18.	Shri Baljeet Singh, Dhandari Kalan, Ludhiana	Member
19.	President, Apex Chamber of Commerce & Industry (Punjab), Ludhiana	Member
20.	President, Amritsar Industries Association, Amritsar.	Member
21.	Sh. A.P. Sharma, GM, Central Tool Room, Ludhiana.	Member Secretary

List of Faculty Member

Teaching Faculty

Sr. No	Name & Designation	Qualification & Specialization	Experience (in yrs.) Teaching(A) Industry(B) Research(C)		
			A	B	C
	S/Shri.				
1	A.P. Sharma, General Manager	M. Tech. (Industrial Engg.)	18	11	-
2	Jagdeep Saini, Manager	B.Sc Engg. (Mech.)	29	6	-
3	D.S. Gojra, Manager	Diploma in ME	30	10	-
4	Sharanpal Singh, Manager	AMIE/MBA	21	11	-
5	Neelam Bala, Asstt. Mgr.	B.E. (ME)	2	18	-
6	Jagdeep Singh, Asstt. Mgr.	M.Tech (ME)	22	5	-
7	D.S. Dubey, Asstt. Mgr.	B.Tech (ME)	29	4	-
8	Kamaloddin, Engineer	B.E (ME)	11	3	-
9	Rahul Kirti, Engineer	M.Tech. (Machine Design)	9	1	-
10	Rajesh Kumar, Engineer	M.Tech (Production)	8	3	-
11	Anoop Kumar, Engineer	B.Tech. (ME)	8	2	-
12	Mrinankush Dutta, Engineer	B. Tech. (EEE)	7	2	-
13	Sukhwant Singh, Engineer	M.Tech (ME)	6	4	-
14	Amit Kapoor, Engineer	M.Tech (ECE)	8	-	-
15	Ajayveer Singh, Engineer	M.Tech (ME)	5	3	-
16	Anubhav Mehta, TG-III	B.Tech (ME)	8	-	-
17	Vibhanshu, TG-III	B.Tech (ME)	4	2	-
18	Shiv Kumar, TG-III	Diploma (ME)	13	2	-
19	Aman, TG-III	B.Tech (ME)	8	-	-
20	Anil, LDC	BSc. Diploma (ME)	6	7	-

Annexure: 4**Nos. of the Students admitted in last three years**

Year	Trade	Men	Women	Total
2022-23	Diploma in Mech. Engg.(Tool & Die)	42+8*	Nil	50
	Diploma in Mechatronics Engineering	52+15*	Nil	67
2021-22	Diploma in Mech. Engg.(Tool & Die)	60 +9*	Nil	69
	Diploma in Mechatronics Engineering	44	Nil	44
2020-21	Diploma in Mech. Engg.(Tool & Die)	53+7*	Nil	60
	Diploma in Mechatronics Engineering	43	Nil	43

*** LEET entry students of 2nd year Diploma in Mech. Engg. (Tool & Die)**

Annexure: 5**Nos. of the FEE WAIVER Students (2022-23)**

S No.	Diploma in Mech. Engg.(Tool & Die) 1st Year	Diploma in Mech. Engg.(Tool & Die) 2nd Year	Diploma in Mech. Engg.(Tool & Die) 3rd Year	Diploma in Mech. Engg.(Tool & Die) 4th Year	Total
1	2	1	1	1	5

S No.	Diploma in Mechatronics 1st Year	Diploma in Mechatronics 2nd Year	Diploma in Mechatronics 3rd Year	Total
1	3	0	2	5

MACHINE LIST

Sr. No	MACHINE	SPECIFICATION
1.	CNC MACHINING CENTRE DECKEL MAHO - DMC 70 V	TABLE SIZE -900 X 550MM MOVEMENT (XYZ) -700x 550x 500
2.	CNC MACHINING CENTRE BMV-70 - BFW	TABLE SIZE -710 X 1700 MM MOVEMENT (XYZ) - 1500x810x710 MM
3.	CNC VERTICAL MACHINING CENTRE -HASS VF 6, 50 T WITH LINEAR SCALE	TABLE SIZE -710X1625 TRAVERSE -1500x 800 x 750
4.	VERTICAL MACHINING CENTER BRIDGE PORT , VMC 2216	TABLE SIZE -900 x 350MM MOVEMENT (XYZ) -560x406x508
5.	CNC UNIVERSAL CYLINDER GRINDER STUDER S30 LEAN PRO	CENTER DISTANCE -1000MM CENTER HEIGHT-175 MM
6.	SURFACE GRINDING- KENT	TABLE SIZE 1500 x 750 MM
7.	SURFACE & PROFILE GRINDER JUNG - JF 520	TABLE SIZE -600x200MM MOVEMENT (X xY) -600x200MM
8.	JIG BORING MACHINE HAUSER / OP-3	TABLE SIZE -595 x 320MM MOVEMENT (XxYxZ) 400 x 250x 400 MM
9.	JIG GRINDING MACHINE HAUSER	TABLE SIZE -350X600MM MOVEMENT -(XxYxZ) -250x400x400 MM
10.	CNC EDM SPARK EROSION CHARMILLES ROBOFOR M 20	TABLE SIZE -400X300MM MOVEMENT (XxYxZ) -300 x 250x 250 MM
11.	AGIE WIRE CUT CLASSIC 25	TABLE SIZE -750 x 550 RA = 0.3 MM MOVEMENT- 350x 250x 250
12.	CNC WIRE CUT ROBOFIL 290 CHARMILLES	TABLE SIZE -850x500 MOVEMENT (XxYxZ) -400x250x200 MAX. TAPER L30 ⁰
13.	CNC WIRECUT BA -24 MITSUBISHI	TABLE SIZE -860 x 860 MOVEMENT -600 x 400x310 MM
14.	PRESS MACHINE-315 TON-MECHANICAL	TABLE SIZE 1200 x1000 MM SHUT HEIGHT 600 MM
15.	INJECTION MOULDING M/C WINDSOR / SP -130	SHOT WT. -270GM. EJECTOR STROKE - 95MM DISTANCE BETWEEN TIE BAR 380 x 380MM
16.	INJECTION MOULDING M/C L&T – DEMAG 200	SHOT WEIGHT -482 & 746 GMS. DISTANCE BETWEEN TIE BAR –860 x 860MM
17.	CO-ORDINATE MEASURING MACHINE -CMM CARL ZEISS (PRISMO-5, HTG VAST) WITH DIGITIZING AND REVERSE ENGINEERING CAPABILITY	MEASURING RANGE (XxYxZ) - 700 x900xX 500 MEASURING UNCERTAINTY - (1.5 + L/350) UM
18.	TOOL MAKERS MICROSCOPE (COMPUTERIZED CONTROL & OUTPUT) NIKON	WORKING RANGE – 200x200MM PROJECTION LENSES-1X, 3X, 5X AND 10X
19.	SPECTROMETER-LECO	FOR COMPOSITION/ SAMPLE DETECTION OF THE FERROUS/NON FERROUS METALS AND ALLOYING ELEMENTS
20.	WHITE LIGHT SCANNING SYSTEM	MAKE BREAUKMANN GERMAN DUAL-5 MEGA PIXEL CAMERA, WITH LATEST SCANNING SOFTWARE POLYWORKS AND INSPECTION SOFTWARE

RAPID PROTOTYPING CENTRE



Selective Laser Sintering

Selective Laser Sintering

Plastic and Metal Prototypes Tooling with Conformal Cooling Channels

3D Printing

Parts in Acrylic based material

FDM, SLA, RIM and Soft Tooling Services.



3Dimension Printing



Vacuum Casting

Vacuum Casting

By Silicon Molds for Short run Production

Medical Modeling

Directly from CT / MRI scanned data using MIMICS and RP Technologies



Medical Modeling



Prototype



3D White-Light Scanning

Workshop Lab Equipment and Machinery list:

S.No	Equipment Name	Minimum No. of equipment available in the lab
1	Files	5 x 8
2	Cleaning Brush	8
3	Hammer	8
4	Chisel	8
5	Tri-square	8
6	Divider	8
7	Hacksaw	8
8	Angle protector	8
9	Micrometer (∅ 0 - 25)	2
10	Micrometer (∅ 25 - 50)	2
11	Vernier Caliper (150 mm)	4
12	Bore Gauge	1
13	Slip Gauge box	1
14	Magnetic V block	2
15	Angle Plate	1
16	Scriber	8
17	Height Gauge	1

18	Center Punch	8
19	Number Punch	1 Set
20	Drill (\emptyset 3, 4, 5, 6, 7, 8, 9, 10, 11, 12)	2 each
21	File Cleaning Brush	8
22	Turning Tool	5
23	Milling T-max Cutter	1
24	Grinding wheel	1
25	Side and Face Cutter	2
26	Endmill cutter (\emptyset 8, 10 & 12)	2 each
27	Concave R6	1
28	Convex R6	1
29	Angle 45°	1
30	Boring Tool (Turning)	1
31	Thread Gauge	1
32	Radius Gauge (1 to 7)	2
33	Radius Gauge (7 to 14)	2
34	Reamer (\emptyset 6, 8 & 10)	1 each
35	Tap set (M6, M8 and M10)	2 each
36	Threading Die with handle	1
37	Steel rule (12")	8
38	Work bench Vice	18
39	Bench Vice	35
40	Pedestal Grinder	2
41	Drilling Machine	1
42	Center Lathe	4
43	Vertical Milling Machine	1
44	Horizontal Milling Machine	1
45	Shaper	2
46	Surface Grinding	1
47	Surface Plate	1
48	Marking Plate	1
49	Center Turning attachment	1
50	Drilling vice	1
51	Drill Chuck	1
52	Drill Drift	1
53	Lathe Tool Holder	4
54	Bend Key	4
55	Chuck Key	4
56	Rivalving center	4
57	Drill Chuck	4
58	Drill Drift	4
59	Milling Machine Tie Rod	2
60	Feed Handle	2
61	Vice Handle	2
62	Spanner 30 - 32	2
63	Parallel Plate	4
64	Shaper Machine Tool Holder	2
65	Vice Handle	2
66	Parallel Plate	4

67	Grinding Wheel Key	1
68	Diamond Dresser	1
69	Grinding Vice	1

S.No	Equipment Name	Minimum No. of equipment available in the lab
1	Vernier Calliper (200 mm)	1
2	Micrometer (0 - 25) mm	1
3	Micrometer (25 - 50) mm	1
4	Bore Gauge (10 - 35) mm	1
5	Magnetic Dial Stand with Plunger Dial (0.01 mm)	1
6	Notice Board	2
7	White Board	1
8	Projector	2
9	Computer	35
10	Scale 30 cm.	1
11	Collet Set ER32	2
12	Tool kit	3
13	Clamp Box	1
14	End Mill \varnothing 4	2
15	End Mill \varnothing 5	2
16	End Mill \varnothing 6	2
17	End Mill \varnothing 8	2
18	End Mill \varnothing 10	2
19	End Mill \varnothing 12	2
20	End Mill \varnothing 16	2
21	End Mill \varnothing 18 Cutter	2
22	End Mill \varnothing 22 Cutter	2
23	T-Max Cutter \varnothing 40	2
24	T-Max Cutter \varnothing 50	2
25	Ball Nose \varnothing 12	2
26	Ball Nose \varnothing 16	2
27	Drill Chuck BT - 40	1
28	Mill Holder Face Mill \varnothing 16	1
29	Taper Holder MT1, MT2, MT3	3
30	Adapter Side Lock	3
31	Surface Plate	1
32	Machine Vice	2
33	Hand Tool Box	2
34	Solid Carbide End Mill Cutter	20

Time Table

Time Table Diploma in Mechanical Engineering (Tool & Die)

Central Tool Room, Ludhiana
Training Department

Time Table for the Academic Year 2023-24 Mech. Engg. (Tool & Die) w.e.f 18.07.2023

Days	Class	9:00-10:00AM	10:00-11:00AM	11:00-12:00PM	12:00-1:00PM	1:00-2:00PM	2:00-3:00PM	3:00-4:00PM	4:00-5:00PM
Monday	1st year	(9:00 - 12:00 PM) Workshop Prac. (Manoj)			Maths Chandu Bala 12:00-1:00PM W/T-II (A.Mehta) R4	1:00-1:30 Break	[1:30 - 5:00 PM]	Engineering Drawing (Manoj)	
	2nd year					1:00-2:00 PM Break	2:00-3:00 PM Rajul Kaur (Jagdeep Singh)	3:00-4:00PM Metrology Rajul Kaur 3:00-4:00 PM E. E. (Mirankush Datta)	4:00-5:00PM H.K. + (Rajesh Ku.) 4:00-5:00PM Ho. Keep. (Balwinder S.)
	3rd year	9:00-10:00 AM TD T-IV Jagdeep Singh	Workshop Practice 10:00AM-3:00 PM (Balwinder S.)			CNC (A.Mehta.+Mohan Raturi+ Manjit Singh)			
Tuesday	1st year	(9:00 - 12:00 PM) Workshop Prac. (Manoj)				1:00-1:30 PM Break	W/T-I Kivakhi	(Sukhwant)	[2:30 - 5:00 PM] Workshop Prac. (Manoj)
	2nd year		10:00-11:00AM W/T-II (A. Mehta)	11:00-12:00PM House Keeping (Anmol Ball)	12:00-1:00PM Break	1:00-2:00PM TD T-II Rajesh Kumar		2:00-5:00 PM TDP-I Rajesh kumar	
	3rd year	9:00-10:00 AM TD T-IV Jagdeep S.) R4S	Workshop Practice 10:00AM-5:00PM (Balwinder S.)			CNC (A.Mehta.+Mohan Raturi+Manjit Singh)			
	4th year		10:00-11:00AM Ind. Engg (Jagdeep Singh) R4	11:00-12:00PM PPC Sukhwant S (R4)	12:00-1:00PM Ent. Dev (M. Datta) JR4	1:00-1:30 Break	To Attend Classes as per Rotation plan		
Wednesday	1st year	9:00-11:00 AM Workshop prac. (Manoj)			11:00AM-1:00PM Physics (Jaspreet Kaur)	1:00-1:30 Break	1:30-5:00PM	W. Practice (Manoj)	
	2nd year	9:30-10:30AM TD T-I (Jagdeep S.) MS	10:30-11:30AM AM & SOM (Rahul KIRI) R4	11:30-12:30PM HT (Anil Kumar) R4	BREAK 12:30-1:00PM		1:00-3:00PM TD P-I (Rajesh Kumar)	3:00-5:00PM TD P-II (Rajesh Kumar)	4:00-5:00 TDT-III Jagdeep Singh
	3rd year	Workshop Practice 9:00AM-4:00 PM (Balwinder S.)			CNC (A.Mehta.+Mohan Raturi+Manjit Singh)				
Thursday	1st year	9:00-10:00 AM Comm. Skill (Achhardeep)	10:00-11:00AM Maths (Chandu Bala) R4	11:00-12:00PM W.T.-I (Sukhwant Singh)	12:00-1:00PM Physics (M. Datta) JR4	1:00-1:30 Lunch	1:30-5:00PM W/S Practice (amrpal)		
	2nd year	9:30AM-10:30AM CNC Tech. (J.Saini) R4	10:30-11:30AM H&P (Jagdeep Singh) R4	11:30AM-12:30PM H&P Lab (Jagdeep Singh) R4	12:30-1:00PM Break	1:00PM-3:00PM TD P-IV (Jagdeep Singh, TA) T2	3:00PM-5:00PM CA-II (Rakesh Saini)		
	3rd year	9:00 to 10:00AM Communication Skill (Achhardeep)	10:00-11:30PM Material Science (Ms. Jaspreet Kaur)	11:30-1:30PM Comp. App-I (Luvvot Singh)	1:30-2:00 pm Break	2:00-3:00PM W T - I (Sukhwant Singh)	3:00PM-4:00PM Metrology (Rahul Kaur)	4:00-5:00 TDT-I (Jagdeep Singh)	4:00-5:00 E. E. (M. Datta)
Friday	1st year	Workshop practice (Anmol Ball)			9:00 AM-4:00 PM (Balwinder S.)	CNC (A.Mehta.+Mohan Raturi+ Manjit Singh)			
	2nd year					1:00-1:30 PM Break	1:30-3:00PM (Anmol Ball)	W/Prac. 3:00PM-4:00PM Metrology (Rahul Kaur)	4:00-5:00 TDT-I (Jagdeep Singh)
	3rd year								
Saturday	1st year	9:00-10:00 AM Appl. Maths (Chandu Bala) R4	10:00AM-11:00PM Work. Tech.-I (Sukhwant Singh)	11:00-12:30 Material Science (Ms. Jaspreet Kaur)	BREAK 12:30-1:00PM		[1:00 - 5:00 PM]	Engineering Drawing (Manoj)	
	2nd year	Workshop Practice 9:00AM-1:00PM (Anmol Ball)				1:00-1:30 PM Break	1:30-3:00PM W/Prac. (Anmol Ball)	3:00PM-5:00PM CAD (Jagdeep Singh) R6	4:00-5:00 TDT-I (Balwinder S.)
	3rd year	9:00AM-11:00AM TD P-III Rajesh Kumar	Workshop Practice 9:00AM-1:00PM (Anmol Ball)			11:00AM-1:00PM CAD (Jagdeep Singh) R6	1:00-1:30 PM Break	1:30-2:30 PM TDT-II Jagdeep Singh	Workshop Practice 2:30-5:00 PM CNC (A.Mehta.+Mohan Raturi+ Manjit Singh)

Note:- Every Thursday from 3 PM to 5 PM. will be cleaning class of 4th year trainees under the supervision of Training Workshop class Teacher.

Notice Board

(Signature)
17/7/23
Assistant Manager Training

(Signature)
17/7/23
Manager Training

Time Table Diploma in Mechatronics Engineering

CENTRAL TOOL ROOM, LUDHIANA
TRAINING DEPARTMENT

REVISED TIME TABLE FOR THE ACADEMIC YEAR 2023-24 MECHATRONICS ENGG. EFFECTIVE FROM 09-10-2023

Days	Class	9:00 - 10:00 AM	10:00 - 11:00 AM	11:00 AM-12:00 NOON	12:00 NOON - 1:00 PM	1:00-1:30 PM	1:30-2:30 PM	2:30-3:30 PM	3:30-4:30 PM	4:30-5:00 PM	
Monday	1st Sem	Applied Physics - I (T) (Ms. Jaspreet Kaur)	Engineering Drawing-I (Mr. Jagdeep Singh / Mr. Bhupinder Singh)			LUNCH	Eng & Comm. Skills-I (T) (Ms. Jaspreet Kaur)	Applied Maths-I (Ms. Chandu Bala)	Student Centered Activities		
	3rd Sem	Troubleshooting of Electronic Equipment (P), Group I (Mr. Namrit Bhardwaj)					Computer Aided Drafting (P) Group I (Mr. Gurtej Singh)	Instrumentation (P) Group-II (Mr. Ankit Rawat)			
	5th Sem	CNC Machine and Automation (T+P) (Mr. Mohan Ratan)		Employability Skills - I (P) (Mr. Jaspreet Kaur)			CNC Machine and Automation (T+P) (Mr. Mohan Ratan)		Process Control & Data Comm.(T) (Mr. Namrit Bhardwaj)		
Tuesday	1st Sem	Applied Physics - I (T) (Ms. Jaspreet Kaur)	General Workshop Practice-I (P) as per rotation plan (Mr. Kuldeep Raj, Mr. Himanshu, Mr. Lovejot, Mr. Anmol, Mr. Anuj Jassi, Mr. Ankit)			LUNCH	Eng & Comm. Skills-I (T) (Ms. Jaspreet Kaur)	Applied Maths-I (Ms. Chandu Bala)	Environment Studies (T)		
	3rd Sem	Troubleshooting of Electronic Equipment (P), Group II (Mr. Namrit Bhardwaj)					Mech. Engg. Fundamentals (T) (Mr. Jaskaran Singh)	Manufacturing Process-I (T) (Mr. Sukhwant Singh)	Instrumentation (T) (Mr. M. Datta / Mr. A. Deep)		
	5th Sem	Power Electronics (T) (Mr. Ankit Rawat)	Student Centered Activities / Project Work				Manufacturing Process-II (T) (Mr. Anubhav Mehta)	CNC Machine and Automation (T)			
Wednesday	1st Sem	General Workshop Practice-I (P) as per rotation plan (Mr. Kuldeep Raj, Mr. Himanshu, Mr. Lovejot, Mr. Anmol, Mr. Anuj Jassi, Mr. Ankit)									
	3rd Sem	Mech. Engg. Fundamentals (T) (Mr. Jaskaran Singh)	Instrumentation (T) (Mr. M. Datta / Mr. A. Deep)	Computer Prog. & App. (T) (Mr. Amit Kapoor)	Manufacturing Process-I (T) (Mr. Sukhwant Singh)	LUNCH	Computer Aided Drafting (P) Group II (Mr. Bhupinder Singh)				
	5th Sem	Interest of Things (P) (Mr. Amit Kapoor)					Manufacturing Process-II (T) (Mr. Anubhav Mehta)	Power Electronics (T) (Mr. Ankit Rawat)	Process Control & Data Comm.(T) (Mr. Namrit Bhardwaj)		
1st Sem	General Workshop Practice-I (P) as per rotation plan (Mr. Kuldeep Raj, Mr. Lovejot, Mr. Anmol, Mr. Anuj Jassi, Mr. Ankit, Mr. Himanshu)										
Thursday	3rd Sem	Instrumentation (T) (Mr. M. Datta / Mr. A. Deep)	Computer Prog. & App. (T) (Mr. Amit Kapoor)	Mech. Engg. Fundamentals (T) (Mr. Jaskaran Singh)	Manufacturing Process-I (T) (Mr. Sukhwant Singh)	LUNCH	Computer Aided Drafting (P) Group I (Mr. Gurtej Singh)				
	5th Sem	Power Electronics (P) (Mr. Ankit Rawat)			Process Control & Data Comm.(T) (Mr. Namrit Bhardwaj)		Computer Aided Drafting (P) Group II (Mr. Bhupinder Singh)				
	1st Sem	General Workshop Practice-I (P) as per rotation plan (Mr. Kuldeep Raj, Mr. Lovejot, Mr. Anmol, Mr. Anuj Jassi, Mr. Ankit, Mr. Himanshu)									
Friday	1st Sem	Engineering Drawing-I (Mr. Jagdeep Singh / Mr. Bhupinder Singh)									
	3rd Sem	Mech. Engg. Fundamentals (T) (Mr. Jaskaran Singh)	Manufacturing Process-I (P) as per rotation plan (Mr. Himanshu & Mr. Jassi)			LUNCH	Eng & Comm. Skills-I (T) (Ms. Jaspreet Kaur)	Applied Maths-I (Ms. Chandu Bala)	Student Centered Activities		
	5th Sem	Power Electronics (T) (Mr. Ankit Rawat)	Manufacturing Process-II (P) as per rotation plan (Mr. Balwinder, Mr. Himanshu, Mr. Anmol Bala)				Manufacturing Process-I (P) as per rotation plan (Mr. Balwinder, Mr. Himanshu, Mr. Anmol Bala)				
1st Sem	Basic Information Technology (P) (Mr. Lovejot Singh / Mr. Amit Kapoor)										
Saturday	3rd Sem	Manufacturing Process-I (P) as per rotation plan (Mr. Himanshu & Mr. Jassi)			Applied Maths-I (Ms. Chandu Bala)	LUNCH	English & Communication Skills-I (P) (Ms. Jaspreet Kaur)		Student Centered Activities		
	5th Sem	Manufacturing Process-II (P) as per rotation plan (Mr. Balwinder, Mr. Himanshu, Mr. Anmol Bala)			Student Centered Activities						
	1st Sem	CNC Machine and Automation (T) (Mr. Mohan Ratan)									


Semester Incharge

Assistant Manager Training


Manager Training

Notice Board
Copy To -

-The Punjab State Board of Technical Education and Industrial Training, Chandigarh
-All Concerned Faculty Members

TRG:FF:02:00