



MSME

TECHNOLOGY CENTRE BHIWADI

A Government of India Society Ministry of Micro, Small and Medium Enterprise (MSME)



**AUTOMATION
LAB**



**AUTOTRONICS
LAB**



**CAD/CAM
LAB**



**METROLOGY
LAB**



**ROBOTIC
LAB**

TOOLS Design | **Tools Manufacturing**
CAD/CAM/CAE | **Computer** HARDWARE
Networking

Civil/Architectural Design | **Low Cost** | **Automation**

CNC Programming

PROSPECTUS 2022-23



MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISE GOVERNMENT OF INDIA SOCIETY

Ministry of Micro, Small and Medium Enterprises (MSME) Government of India is in the process of establishing 15 Technology Centers (TCs) and upgrading / modernizing the existing TCs under the Technology Centre Systems Programme (TCSP). MSME TC Bhiwadi is one of them. The MSME Technology Centre Bhiwadi under MoMSME's Technology Centre System Programme at Bhiwadi is going to strengthen its role in technical education for the youth in India & competitiveness of MSME units in the region.

In summary, TCSP programme draws upon the experience of the ministry over the year and similar programmes across the world. The TCSP has been conceptualized taking into consideration the multiple layers of challenges faced by MSMEs in India and its objective is to ultimately help in improving the competitiveness of the MSMEs.

Ministry of MSME offers its quality Skill Development Training in the area of Tool Design, CAD/CAM/CAE, CNC Programming & Machining, Hydraulics & Pneumatics, Robotics / Mechatronics, PLC, SCADA, VLSI, Embedded System, Automation etc, for different level & disciplines trainees. Apart from this, the MSME TC will also offer services in Tool Design, Manufacturing & Consultancy to the various industries across the globe.

ACTIVITIES

TRAINING

- Long / Medium / Short Term Courses In Tool & Die Technology, Automation & Welding.
- Specialized Hi-tech Courses For Engineering Graduates, Diploma, ITI & SSC Passouts.
- Skilled Enhancement Courses For Industry Personnel.
- Skill Up-gradation Courses For Trainers From Institutes.
- Custom Designed Training Programs For International Trainees.

TOOL DESIGN & MANUFACTURING

- Design and manufacture of precision dies and tools, Moulds, Jigs & fixtures, gauges etc. and their appropriate use and maintenance.
- Tool manufacturing using latest technology.
- Tool related innovations for improved product design.
- Precision machining and Heat Treatment.
- Tool Trials for Press Tools & Injection Moulds.

CONSULTANCY & OTHERS

- Product & Process Development.
- Productivity / Quality improvement.
- Training Programme / Course curriculum development for training institutes.
- Execution of Turn-key projects.

QUALITY ASSURANCE

- Precision Measurements with CMM.
- Inspection of Tools, Dies, Gauges and Sheet Metal/Plastic Components.

PRODUCT DESIGN & DEVELOPMENT

- 3D Printing Plastic / Metal.
- Reverse Engineering & Model Development with 3D Scanner & CMM.



LONG TERM COURSES
AICTE Approved courses for SSC Passouts.

Sr. No.	Course	Duration	Intake	Minimum Qualification	Age	Tuition Fees/ Per Annum
A 1	Advance Diploma in Tool & Die Making (AICTE Approved)	Four Years	60	10th/ SSC Passed with Science and Math's with 60% marks in aggregate of all Subjects (50% for the candidates belonging to SC/ST category)	15-19 years as on 1st July (for SC/ST candidates 3 years relaxation)	Rs. 38,000 (Rs 19,000 per semester)
A2	Diploma In Mechatronics (AICTE Approved)	Three Years	60			
A3	Diploma In Logistics Technology (AICTE Approved)	Three Years	40	AS per BTER Norms (10th/ SSC Passed with 35% marks)	AS per BTER	Rs. 36,000 or(as per SFS BTER, Govt. of Rajasthan)

Note:- No course fee will be charged for SC/ST Candidates subjected to Production of Authentic caste certificate.

Admission will start from June/July of the calendar year.

Career Oriented Courses for B.Tech/B.E./Diploma Passouts.

Sr. No.	Course	Eligibility	Duration	Course
A4	Post Graduate Diploma in Tool Design and CAD/CAM (PGDTD&CC) NSQF Level - 8	Degree in Mechanical/ Production/Automobile or Equivalent	18 Months	1,05,000/-
A5	Post Graduate Diploma in Machatronics (PGDIM) NSQF Level - 8	Degree in Mechanical/ Electrical / E&TC/ Instrumentation or Equivalent	18 Months	1,05,000/-
A6	Post Diploma in Tool Desing & CAD/CAM (PDTD&CC) NSQF Level - 6	Degree in Mechanical/ Production/Automobile or Equivalent	12 Months	70,000/-
A7	Post Diploma in Tool & Die Manufacturing (PDTDM) NSQF Level - 6		12 Months	70,000/-
A8	Post Diploma in Computer Aided Engineering (PDCAE) NSQF Level - 6		12 Months	70,000/-
A9	Post Diploma in Mechatronics (PDIM) NSQF Level - 8	Diploma in Mechanical/ Electrical / E&TC/ Instrumentation or Equivalent	12 Months	70,000/-

New Batch will be started on First Monday of January July & October of Calendar Year

Rs.5000/- Security Deposit & Rs.1200/- Registration fee is Applicable to Above Courses

Career Oriented Courses for 10th /ITI Passed

Sr. No.	Course	Duration	Course	Course Commencement
A10	Certificate Course in CNC Turning and Milling (CCCTM) NSQF Level -4	12 Months	38,000/-	New Batch will be started on First Monday of February, May, August & November of Calendar Year
A11	Certificate Course in Tool & Die Making (CCTDM) NSQF Level -4	12 Months	38,000/-	

Rs.5000/- Security Deposit & Rs.1200/- Registration fee is Applicable to Above Courses

Note:- No course fee will be charged for SC/ST Candidates subjected to Production of Authentic caste certificate.





MEDIUM TERM COURSES
Career Oriented Courses for B.Tech/B.E./Diploma Passouts.

Sr. No.	Course	Eligibility	Duration	Course
B 1	Master Certificate Course in CAD/CAM (MCCC) NSQF Level - 6	Degree/Diploma in Mechanical / Production / Automobile or Equivalent	06 Months	40,000/-
B 2	Master Certificate Course in Tool Design (MCCTD) NSQF Level - 6		06 Months	40,000/-
B 3	Master Certificate Course in Computer Aided Tool Engineering (MCCATE) NSQF Level -6		06 Months	40,000/-
B 4	Master Certificate Course in CNC Technology (MCCCT) NSQF Level-6		06 Month	40,000/-



New Batch will be started on First Monday of every month of Calendar Year
Rs.3000/- Security Deposit & Rs.600/- Registration fee is Applicable to Above Courses

NSQF Approved courses for B.Tech/BE/Diploma & SSC Passouts

Sr No.	Course Name	Eligibility	Duration	Course fees
B. 5	Advance Diploma In Machine Maintenance and Automation NSQF Level-6	B.Tech/BE/Diploma (Mech./Elec./E&TC / Inst.) or Equivalent	6 Months	Rs. 40,000/-
B. 6	Certificate Course in CNC Turning NSQF Level-4	SSC passed or its equivalent.	6 Months	Rs.20,000 /-
B. 7	Certificate Course in CNC Milling NSQF Level-4		6 Months	Rs.20,000 /-
B. 8	Fire Safety NSQF Level-5		6 Months	Rs 32000 /-



RS. 3000/- Security deposit & 600/- registration fee is applicable to above courses

New Batch Will Be Started From First Monday of February May, August & November Every year

Note:- No course fee will be charged for SC/ST Candidates subjected to Production of Authentic caste certificate.



SHORT TERM COURSES

Career Oriented Courses for B.Tech/B.E./Diploma/ITI Students.

Area	Module	Sr.No.	Course	Duration	Course Fees
Mechanical/Production/ Automobile Engineering Or Equivalent	CAD	1	Autocad (Mech.)	96 Hrs.	4,500/-
		2	Solidwoks	96 Hrs.	5,500/-
		3	Catia	96 Hrs.	8,000/-
		4	Creo Parametric	96 Hrs.	8,000/-
		5	Unigraphics	96 Hrs.	8,000/-
	CAM	6	Delcam	96 Hrs.	5,500/-
		7	Mastercam	96 Hrs.	5,500/-
	CAE	8	Ansys	96 Hrs.	9,000/-
		9	Hypermesh	96 Hrs.	9,000/-
	CNC Programming Machining	10	CNC Programming Lathe/Milling-Any One	96 Hrs.	6,500/-
		11	CNC Machining Lathe/Milling	96 Hrs.	8,000/-
Electrical/Electronics/Instrumentation/ Computer/Mechanical or Equivalent B.Sc./M.Sc. Electronics/Computer Science	AUTOMATION	12	Electrical CAD (E-CAD)	96 Hrs.	4,500/-
		13	PLC Programming (TIA)	96 Hrs.	8,000/-
		14	SCADA	96 Hrs.	8,000/-
		15	VLSI	96 Hrs.	8,000/-
		16	Basic Hydraulics	24 Hrs.	3,500/-
		17	Basic Pneumatics	24 Hrs.	3,500/-
		18	Electro Hydraulics	24 Hrs.	4,500/-
		19	Electro Pneumatics	24 Hrs.	4,500/-
		20	Sensors & Applications	48 Hrs.	5,500/-
		21	Matlab	72 Hrs.	10,000/-
		22	E-Plan	96 Hrs.	4,500/-
Computer Science/ It/Any Graduate	COMPUTER APPLICATION	23	C Programming	48 Hrs.	1,250/-
		24	C++ Programming	48 Hrs.	1,500/-
		25	Python Programming	48 Hrs.	1,500/-



1. Registration fee of 300/- applicable to all candidates
2. GST 18% extra on registration fee & course fee applicable to all candidates
3. New batches will be started from every monday of week

Note:- No course fee will be charged for SC/ST Candidates subjected to Production of Authentic caste certificate.

Hostel & Mess	Separate Hostel & Canteen Facilities may be Provided for Outstation Boys & Girls Subject to the availability of the accommodation at the discretion of the institute on extra cost as applicable	
Duration	Hostel Charge	Mess Charge
6 Months	9000/-	13,200/-
1 Months	1500/-	22,00/-

SPONSORED COURSES

GOVERNMENT SPONSORED MEDIUM TERM COURSES

S.No.	Scheme Sponsor	Course Name	Course Duration	Min. Qualification	Min Age	Type	Stipend	Category
1	Tribal Area Department (Govt. of Rajasthan)	Certificate course in CNC turning	780 Hrs	10th/SSC Pass	18 years	Residential	Nil	ST
2		Certificate course in CNC milling						
3	National SC/ST Hub	Certificate course in CNC turning	780 Hrs	10th/SSC Pass	18 years	Residential	Nil	SC/ST
4		Master certificate course in Tool design (MCCTD)		Degree/ Diploma in Mechanical/ Production/ Automobile or Equivalent				
5	National Scheduled Castes Finance and Development Corporation (NSFDC)	Certificate course in CNC turning	780 Hrs	10th/SSC Pass	18 years	Non Residential	Rs. 1500 per month	SC
6		Certificate course in CNC milling						
7	National Backward Castes Finance and Development Corporation (NBCDC)	Certificate course in CNC turning	780 Hrs	10th/SSC Pass	18 years	Non Residential	Rs. 1000 per month	OBC/ EBC/ DNT
8		Certificate course in CNCmilling						
9		Advance diploma in machine maintenance & automation (admma)		Diploma in Electrical/ Instrumentation/ or Equivalent				
10		Master certificate course in computer aided tool engineering(mcccate		Degree/Diploma in Mechanical/ Production/ Automobile or Equivalent				

GOVERNMENT SPONSORED ESDP PROGRAMMES

Entrepreneurship Skill Development Training Programs

Program Name	Batch Size	Duration	Age Limit	Probable Candidates
Industrial Motivation Campaign (IMC-Y)	50-100	2 Days	18 Years & above	Any Youth who want to setup MSME in traditional / non -traditional industries.
Industrial Motivation Campaign for Clusters (IMC-C)	30-60	1 Day		Industrial associates, SPV, Associations, Chambers, Clusters representing MSME units or Social Enterprises.
Entrepreneurship Awareness Program	Min. 25	2 Weeks		To nurture talent of youth in technical educational institutes to motivate students for self employment and entrepreneurship.
Entrepreneurship cum Skill Development Program	Min. 25	6 Weeks		Any prospective entrepreneur, company associates/employees who wants to enhance its skill for livelihood.
Management Development Program	Min 25	1 Week		Owner / Manger / Supervisory Level Personnel for their capacity building on Managerial skills.

NOTE:- The above sponsored courses are dependent on the respective sponsoring agency allotment of seats & respective selection criteria to the target group.

GENERAL RULES & REGULATIONS

1. Admissions are open for Boys & Girls; eligible candidates will be offered admission on the basis of their qualification & eligibility as per norms.
2. MSME-TC Bhiwadi reserves the right to reject any application without assigning any reason. Incomplete applications are liable to be rejected.
3. Reservation as per Government of India norms for AICTE / NSQF compliant courses only.
4. Candidates belonging to reserved category should substantiate their claim by enclosing a Caste certificate issued by competent authority.
5. Medium of instruction is English only.
6. Caste Certificate & all necessary educational certificates in original form issued by competent authority is to be produced for verification at the time of admission which may be re-verified from the issuing authority if required.
7. Admission to the course will be given only on deposition of registration fee, other fee, first semester tuition/course fee, Security deposit along with submission of relevant educational documents & caste certificate as applicable.
8. Registration Fee / Course Fee is non-refundable / non-transferrable in case any candidate cancels his admission for any reason.
9. Payment of Fee: Any fee for admission to the course / Training program should be deposited through online mode (Net Banking) or can be deposited in UPI ID of India in the prescribed form available on the MSME-TC BHIWADI website. Registration fee (Non Refundable) to be paid at the time of registration to the course, balance fee (Security Deposit / Course Fee) to be paid on confirmation of admission to the course by MSME TC BHIWADI / Centre. No fee will be accepted by Cash / Cheque.
10. Course fee once paid will not be refunded under any circumstances.
11. Security Deposit will be refunded only on successful completion of the course.
12. Admission to the course once confirmed will not be cancelled/transferred under any circumstances & fees paid will be forfeited.
13. Course fee for the higher / next semester has to be paid before starting date of semester. All the candidates belonging to SC/ST category have to fill in fresh application form every three months from the starting date of Course. Late fee will be charged as a fine from the due date as applicable for all trainees.
14. MSME-TC Bhiwadi reserves right to incorporate changes in course content, duration, intake capacity, No. of batches & course fee without prior notice. The course fees as applicable at the starting of the batch / Course will have to be borne by the candidate, including taxes.
15. Change of batch / Course or Re-admission to the courses may be permitted on payment of extra charges as applicable.
16. Security Deposit shall be forfeited, in case of loss of original receipt of the security deposit.
17. Registration Form is for application to the course only for admission purpose.
18. Movement of trainee within the campus shall be restricted to his / her allotted work place.
19. All the trainees will ensure discipline within the campus.
20. Regular attendance will have to be maintained by the trainee as per course schedule & 80% attendance is compulsory in all subjects individually.

INFRASTRUCTURE AT GLANCE

- TRAINING
- COMMUNITY CENTRE
- CANTEEN
- MULTIPURPOSE AUDITORIUM
- PRODUCTION
- BOYS HOSTEL
- RESIDENTIAL COMPLEX
- INTERNATIONAL HOSTEL
- ADMINISTRATION
- GIRLS HOSTEL
- CENTRAL AIR CONDITION
- INDOOR/OUTDOOR SPORTS FACILITY

TRAINING

WIDE SPECTRUM OF LATEST & ADVANCE MACHINE SET UP

CNC MILLING	CONVENTIONAL MILLING	VLSI
CNC LATHE	UNIVERSAL MILLING	SCADA
CNC WIRE CUT	CONVENTIONAL LATHES	PCB
CNC SPARK EROSION	HYDRAULIC TRAINING LAB	EMBEDDED SYSTEM
PRECISION SURFACE GRINDER	PNEUMATIC TRAINING LAB	MECHATRONICS KIT
SURFACE GRINDER	PLC PROGRAMMING LAB	WELDING
TOOL & CUTTER GRINDER	AUTOMATION	

PAYMENT GATEWAY

PAYMENT MODE (OFFLINE/ONLINE)

DEMAND DRAFT

In Favour of : MSME Technology Centre Bhiwadi

Payable at : BHIWADI

RTGS/NEFT/UPI

Account Holder: MSME Technology Centre Bhiwadi

IFSC Code: SBIN0007052

Account Number: 38110128708

Branch Code: 7052

UPI ID : MSMEBHIWADI@SBI
MERCHANT NAME : MSMETECHNOLOGY
CENTRE BHIWADI
Scan & Pay Using Any UPI App to

SCAN & PAY





MSME TECHNOLOGY CENTRE BHIWADI

A Government of India Society

Ministry of Micro, Small and Medium Enterprises (MSME)

Plot No. SP3 – 871 (A), 872, RIICO Industrial Estate Pathredi, Bhiwadi- 301019 Dist. Alwar (Rajasthan) India

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Phone No.:- 014 93242158, 014 93242139 Mobile No.: 8595447671, 9373161259, 9373161260

INFRASTRUCTURE AT GLANCE

Total Plot Area of 11 Acres

Captive Power Generation: 2000 KVA Installed Power Capacity

Central Air Conditioning, Clean and Dust Free Environment

Auditorium for 220 seating capacity

Production Block, Dining Block, Training Block

Boys Hostel, Girls Hostel

Multipurpose Open Air Auditorium:

 MSME Technology Centre Bhiwadi

   @msmetcbhiwadi

How to Reach MSME Technology Centre Bhiwadi



SCAN TO REACH OUR WEBSITE

<http://www.msmetcbhiwadi.org>

- IGI Airport Delhi to MSME TC Bhiwadi -75 Km
- Rewari Junction Rly Station to MSME TC Bhiwadi - 38 Km
- Bus Stand Bhiwadi to MSME TC Bhiwadi -12.5 Km

