

# MSME

## TECHNOLOGY CENTRE BHIWADI

A Government of India Society

Ministry of Micro, Small and Medium Enterprises (MSME)

Govt of India



### ❑ SKILL DEVELOPMENT

- ❖ LOGISTICS
- ❖ AUTOMATION
- ❖ AUTOTRONICS
- ❖ TOOL DESIGN
- ❖ MECHATRONICS
- ❖ CAD / CAM / CAE
- ❖ TOOL MANUFACTURING
- ❖ CNC PROGRAMMING & MACHINING

### ❑ MANUFACTURING & CONSULTING



SCAN TO REACH OUR WEBSITE

<http://www.msmetcbhiwadi.org>

**PROSPECTUS & TRAINING BROCHURE  
MANUFACTURING CAPABILITIES**



## MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES Government of India

MSME Technology Centre, Bhiwadi is a premium skill development and manufacturing technology centre established through the Ministry of Micro, Small and Medium Enterprises, Govt. of India under the auspices of World Bank. The primary objective of the TC is to provide the world-class education, skill development training and conduct innovation research at the interface of multiple disciplines to create high quality human resources in disciplinary and interdisciplinary areas of Engineering Technologies.

The Technology Centre manufactures high precision tools, Dies, Jigs & Fixtures and Moulds etc. and Provides technological support and skilling manpower to MSMEs and other Industries. It also works on Job work basis for manufacturing and inspection of precision components.

MSME TC Bhiwadi conducts AICTE Approved Diploma Courses in Tool & Die making, Mechatronics and Logistics Technology and is also conducting various short and medium term courses in various technologies from design software to manufacturing.

### ACTIVITIES

#### TRAINING

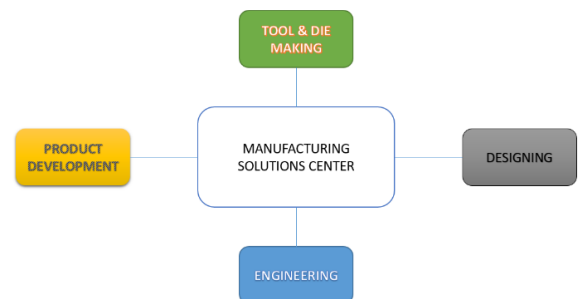
- Long Term Course
- 
- Medium Term Courses
- Short Term Courses
- Tailor made Courses
- Courses for International Trainees
- Seminars and Workshops

#### DESIGN & MANUFACTURING

- Design & Manufacturing of Tools.
- Dies & Moulds
- Job work
- Precision Tools & Components.
- Precision machining
- Product Design and Development.

#### CONSULTANCY & OTHERS

- Process & Product Improvement
- Automation Solutions
- Reverse Engineering
- Product development
- Quality System Support
- Turnkey Assignments
- Course Curriculum developments



## LONG TERM COURSES

AICTE Approved courses for SSC Pass outs.

Sr. No.	Course	Duration	Intake	Minimum Qualification	Age	Tuition Fees Per Annum
A1	Advance Diploma in Tool & Die Making (AICTE Approved)	Four Years	60	10th/SSC Passed with Science and Maths with 50% marks in aggregate of all Subjects(40% 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 (Rs19,000 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/- as per SFS BTER, Govt. of Raj)

Note:-No course fee will be charged for SC/ST Candidates subjected to Production of Authentic caste certificate For A1 & A2 Only.

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

### Career Oriented Courses for B.Tech/B.E./Diploma Pass outs.

Sr. No.	Course	Eligibility	Duration	Tuition Fees
A4	Post Graduate Diploma in Tool Design and CAD/CAM (PGDTD & CC) NSQF Level-8	Degree in Mechanical / Production/Automobile or Equivalent	18 Months	90,000/-
A5	Post Graduate Diploma in Mechatronics (PGDIM) NSQF Level-8	Degree in Mechanical / Electrical / E&TC/Instrumentation or Equivalent	18 Months	90,000/-

Rs.5000/-Security Deposit & Rs.1800/-Registration fee is Applicable to Above Courses

A6	Post Diploma in Tool Design & CAD/CAM (PDTD & CC) NSQF Level-6	Degree in Mechanical/Production/Automobile or Equivalent	12 Months	60,000/-
A7	Post Diploma in Tool & Die Manufacturing (PDTDM) NSQF Level-6		12 Months	60,000/-
A8	Post Diploma in Computer Aided Engineering (PDCAE) NSQF Level-6		12 Months	60,000/-
A9	Post Diploma in Mechatronics (PDIM) NSQF Level-8	Diploma in Mechanical/Electrical / E&TC/Instrumentation or Equivalent	12 Months	60,000/-

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

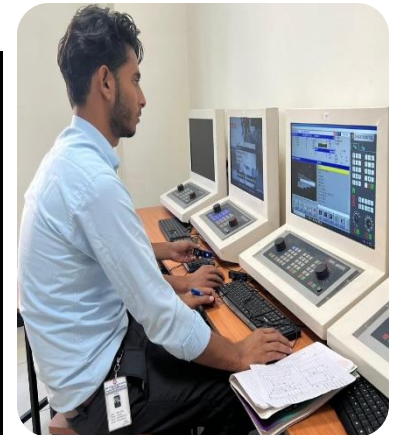
Rs.5000/-Security Deposit & Rs.1200/-Registration fee is Applicable to Above Courses

### Career Oriented Courses for 10<sup>th</sup> / ITI Passed

Sr. No.	Course	Duration	Tuition Fees	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 Pass outs.				
Sr. No.	Course	Eligibility	Duration	Tuition Fees
B1	Master Certificate Course in CAD/CAM (MCCC) NSQF Level-6	Degree/Diploma in Mechanical / Production / Automobile or Equivalent	06 Months	35,000/-
B2	Master Certificate Course in Tool Design (MCCTD) NSQF Level-6		06 Months	35,000/-
B3	Master Certificate Course in Computer Aided Tool Engineering (MCCATE) NSQF Level-6		06 Months	35,000/-
B4	Master Certificate Course in CNC Technology (MCCCT) NSQF Level-6		06 Month	35,000/-
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 Pass outs				
Sr. No.	Course Name	Eligibility	Duration	Course fees
B5	Advance Diploma In Machine Maintenance and Automation NSQF Level- 6	B.Tech/BE/Diploma (Mech./Elec./E & TC/ Inst.) or Equivalent	6 Months	Rs.35,000/-
B6	Certificate Course in CNC Turning NSQF Level- 4	SSC passed or its equivalent.	6 Months	Rs.20,000/-
B7	Certificate Course in CNC Milling NSQF Level- 4		6 Months	Rs.20,000/-
B8	Fire Safety NSQF Level-5		6 Months	Rs32,000/-
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.

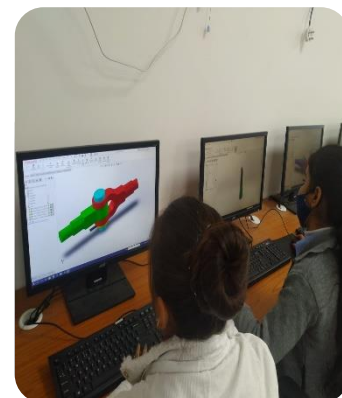
### Our Placement Credentials

Students trained at MSME TC Bhiwadi are readily accepted in Industry as employees due to the extensive Job Oriented skill education. More than 500+ Trainees are already selected by various organizations or have become self-employed.



MSME Technology Centre Bhiwadi provides 100% Placement Assistance on successful completion of 6 month or more course duration programs.

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.)	96Hrs.	4,500/-
		2	SOLIDWORKS	96Hrs.	5,500/-
		3	CATIA	96Hrs.	8,000/-
		4	CREO PARAMETRIC	96Hrs.	8,000/-
		5	UNIGRAPHICS	96Hrs.	8,000/-
	CAM	6	DELCAM	96Hrs.	5,500/-
		7	MASTERCAM	96Hrs.	5,500/-
	CAE	8	ANSYS	96Hrs.	9,000/-
		9	HYPERMESH	96Hrs.	9,000/-
	CNC Programming Machining	10	CNC PROGRAMMING LATHE/MILLING-ANY ONE	96Hrs.	6,500/-
		11	CNC MACHINING LATHE/MILLING	96Hrs.	8,000/-
Electrical / Electronics / Instrumentation / Computer / Mechanical or Equivalent B.Sc. / M.Sc. Electronics / Computer Science	AUTOMATION	12	ELECTRICAL CAD (E-CAD)	96Hrs.	4,500/-
		13	PLC PROGRAMMING (TIA)	96Hrs.	8,000/-
		14	SCADA	96Hrs.	8,000/-
		15	VLSI	96Hrs.	8,000/-
		16	BASIC HYDRAULICS	24Hrs.	3,500/-
		17	BASIC PNEUMATICS	24Hrs.	3,500/-
		18	ELECTRO HYDRAULICS	24Hrs.	4,500/-
		19	ELECTRO PNEUMATICS	24Hrs.	4,500/-
		20	SENSORS & APPLICATIONS	48Hrs.	5,500/-
		21	MATLAB	72Hrs.	10,000/-
		22	E-PLAN	96Hrs.	4,500/-
		Computer Science / I.T./ Any Graduate	COMPUTER APPLICATION	23	C PROGRAMMING
24	C++ PROGRAMMING			48Hrs.	1,500/-
25	PYTHON PROGRAMMING			48Hrs.	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

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/-

## SPONSORED COURSES

### Government Sponsored FREE Entrepreneurship Skill Development (ESDP) Training Programs

Program Name	Batch Size	Duration	Age Limit	Eligible Candidates
Entrepreneurship Awareness Program	Min.50	1 Day	18 Years & Above	Youth in technical educational institutes who are willing to be an entrepreneur.
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	1Week		Owner /Manager / Supervisory Level Personnel for their capacity building on Managerial skills

MSME Technology Centre Bhiwadi conducts various other NSQF Aligned sponsored courses, which are free of cost to the trainees, who are eligible as per the criteria setup by the respective sponsoring agencies.



Admission to sponsored courses are dependent on the allotment/sanction, & selection criteria from respective sponsoring agencies. To know about the courses and check eligibility, Please Contact Training Department, and register with the required documents.

## GENERAL RULES & REGULATIONS

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>Admissions are open for Boys &amp; Girls; eligible candidates will be offered Admission on the basis of their qualification &amp; eligibility as per norms.</li> <li>MSME-TC Bhiwadi reserves the right to reject any application without Assigning any reason. Incomplete applications are liable to be rejected.</li> <li>Reservation as per Government of India norms for AICTE / NSQF compliant Courses only.</li> <li>Candidates belonging to reserved category should substantiate their claim By enclosing a Caste certificate issued by competent authority.</li> <li>Medium of instruction is English only.</li> <li>Caste Certificate &amp; 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.</li> <li>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 &amp; caste certificate as applicable.</li> <li>Registration Fee/Course Fee is non-refundable/non-transferrable in case Any candidate cancels his admission for any reason.</li> <li>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 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 MSMETCBHIWADI / Centre. No fee will be accepted by Cash/Cheque.</li> <li>Course fee once paid will not be refunded under any circumstances.</li> </ol> | <ol style="list-style-type: none"> <li>Security Deposit will be refunded only on successful completion of the Course.</li> <li>Admission to the course once confirmed will not be cancelled/transferred under any circumstances &amp; fees paid will be forfeited.</li> <li>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.</li> <li>MSME-TC Bhiwadi reserves right to incorporate changes in course content, duration, intake capacity, No. of batches &amp; 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.</li> <li>Change of batch/Course or Re-admission to the courses may be permitted on payment of extra charges as applicable.</li> <li>Security Deposit shall be forfeited, in case of loss of original receipt of the security deposit.</li> <li>Registration Form is for application to the course only for admission purpose.</li> <li>Movement of trainee within the campus shall be restricted to his/her allotted workplace.</li> <li>All the trainees will ensure discipline within the campus.</li> <li>Regular attendance will have to be maintained by the trainee as per course Schedule &amp; 80% attendance is compulsory in all subjects individually.</li> <li>Admission to any course confirms acceptance to all the rules and regulations.</li> </ol> |
|--|---|

## 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

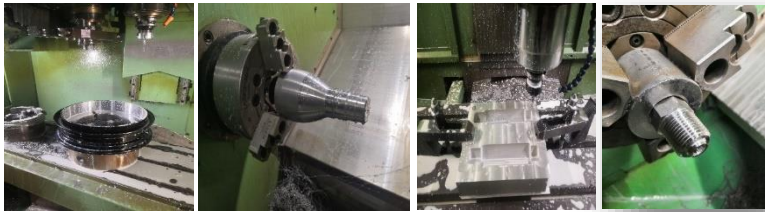
SCAN & PAY



# PRODUCTION SERVICES

MSME Technology Centre Bhiwadi offers manufacturing services for development and production of different tools and dies for sheet metal, plastic and forging components. It also provide machining of precision components on advanced machines on Jobwork basis.

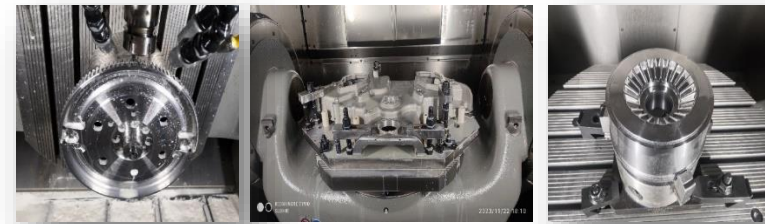
## CNC Milling & Turning



## CNC EDM Die Sinking & Wire Cut Machining



## CNC 5 Axis Machining



## Moulds Design & Development



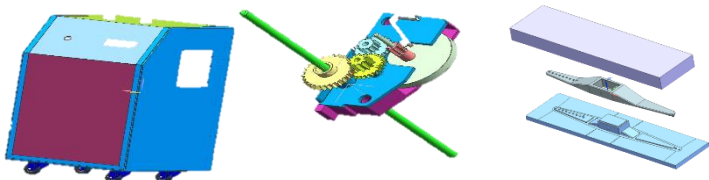
## Other Machined Parts



## CNC EDM Die Sinking & Wire Cut Machining



## Design & Development Related Work



# CNC Turning and VMC Jobwork

# Rapid Prototyping & Precision Job

# Metrology: Quality inspection, CMM Inspection

# Vacuum Heat Treatment Service

# Design & Manufacturing of Compression , Injection Moulds & Press Tools

## PRECISION MANUFACTURING



❖ **CNC 5 AXIS MILLING MACHINE -01 Nos**



❖ **CNC WIRE CUT MACHINE -01 Nos**



❖ **CNC DIE SINKER EDM MACHINES -02 Nos**



❖ **CNC TURNING MACHINES -10 Nos**



❖ **UNIVERSAL GRINDING MACHINE -01 Nos**



❖ **CNC MILLING MACHINES (VMC) -10 Nos**



❖ **CMM MACHINE -01 Nos**



❖ **VACUUM HEAT TREATMENT FURNACE -01 Nos**

## 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  
Website: [www.msmetcbhiwadi.org](http://www.msmetcbhiwadi.org), Email : [dgm@msmetcbhiwadi.org](mailto:dgm@msmetcbhiwadi.org), [sm.training@msmetcbhiwadi.org](mailto:sm.training@msmetcbhiwadi.org)  
Phone No.:- 01493-242158, 01493242139 , Mobile No.:- 8595447671, 9373161259, 9373161260

FOLLOW US ON-

