

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.msmtcbhiwadi.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

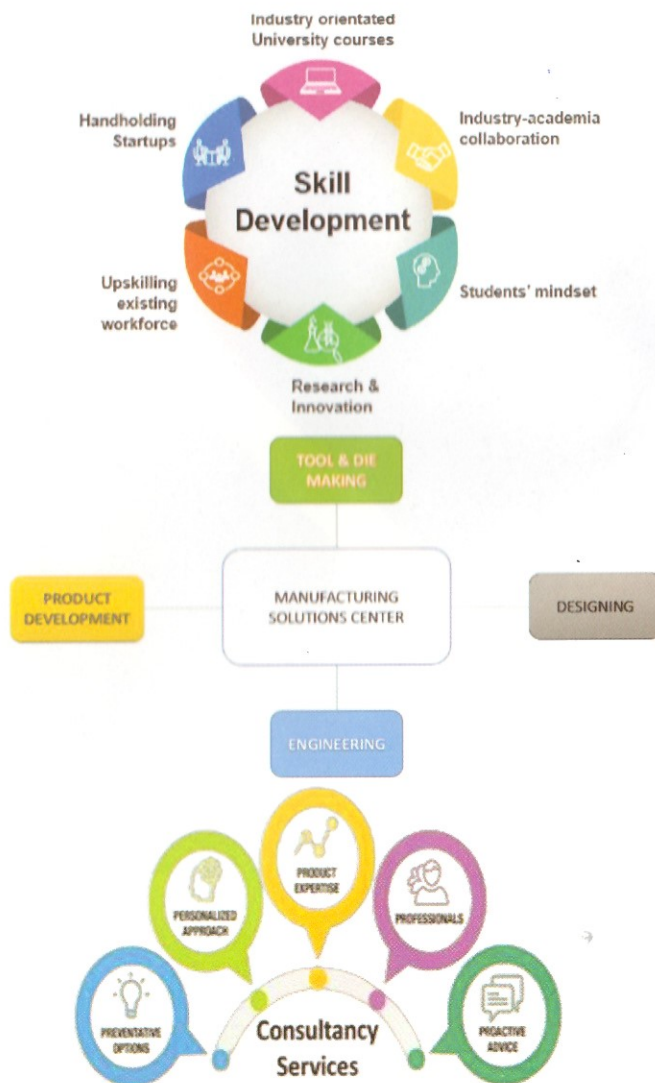
- ☐ Long Term Course
- ☐ Medium Term Courses
- ☐ Short Term Courses
- ☐ Tailor made Courses
- ☐ Courses for International Trainees
- ☐ Seminars and Workshops

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	Diploma in Tool & Die Making (AICTE Approved)	Three Years	60	10th/SSC Passed with Science or Maths or Equivalent with 35% marks	Maximum age 22 years (for SC/ST candidates 3 years relaxation)	Rs.40,000 (Rs20,000 per semester)
A2	Diploma In Mechatronics (AICTE Approved)	Three Years	60			
A3	Diploma In Logistics Technology (AICTE Approved)	Three Years / Two Years (Lateral Entry)	60	As per BTER Norms (10th/SSC Passed with 35% marks)	As per BTER	Rs.30,800/- 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.

Wide Spectrum Career Oriented Courses offered on First-Come-First-Serve Basis

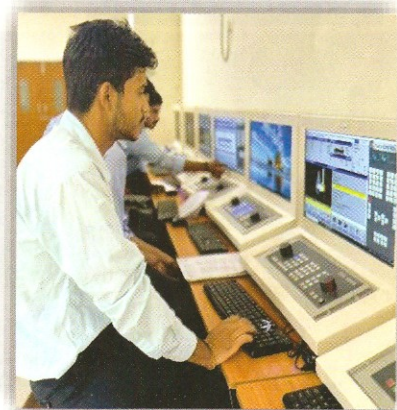
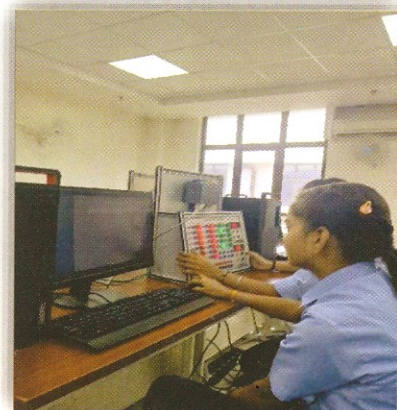
Career Oriented NSQF Courses for 10th & 8th Pass outs students

Sr. No.	Course	Eligibility / Age	Duration	Tuition Fees
A4	Technician - Tool & Die NSQF Level-4	10th + ITI Age: 15 Year	1200 Hrs	30,000/-
A5	Jr. Technician -Tool & Die Maker NSQF Level-3.5	10th pass Age: 15 Year	1200 Hrs	30,000/-
A6	Jr. Technician - Heat Treatment NSQF Level-3.5	10th pass Age: 15 Year	1200 Hrs	30,000/-
A7	Asst. Operator - Conventional Machines NSQF Level-2.5	8th pass Age: 15 Years	1200 Hrs	30,000/-

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

New Batch Will Be Started from First Monday of July & January Every year

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



MEDIUM TERM COURSES

Career Oriented NSQF Courses for 10th / ITI Pass outs students

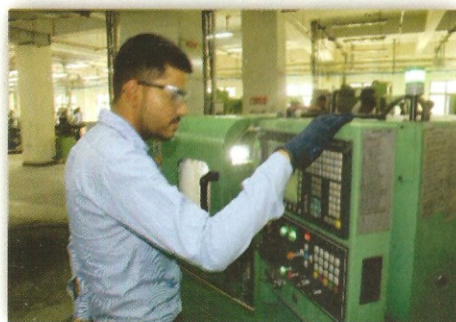
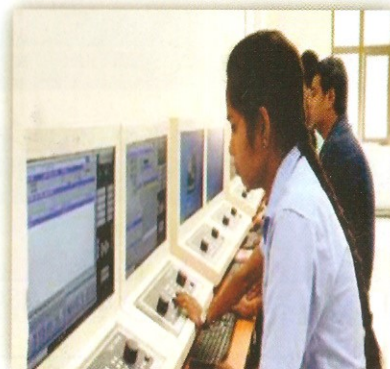
Sr. No.	Course	Eligibility / Age	Duration	Tuition Fees
B1	Electrician (Domestic cum Industrial) NSQF Level-3	10th pass Age: 15 year	6 Months	15,000/-
B2	Asst. Operator - CNC Milling (Tool Room) NSQF Level-3	10th pass Age: 15 year	6 Months	15,000/-
B3	Assistant Operator- CNC Turning -Tool Room NSQF Level-3	10th pass Age: 15 years	6 Months	15,000/-
B4	Junior Technician (Computer Hardware & Network) NSQF Level- 5.5	10th pass Age: 14 years	4 Months	15,000/-
B5	Jr. Technician - Inspection & Quality Control NSQF Level-3	10th pass Age: 15 years	6 Months	15,000/-
B6	Technician -CNC Machining NSQF Level: 4	10+ITI or 12th Age: Min 17 years	6 Months	15,000/-

B7	CNC Programmer -Tool Room NSQF Level-4.5	Pursuing Diploma Final Yr Age: 17 Years	6 Months	25,000/-
B8	Sr. Technician -Machine Maintenance And Automation NSQF Level-4.5	Pursuing Diploma Final Yr Age: 17 Years	6 Months	25,000/-
B9	Junior Designer CAD/CAM NSQF Level: 4.5	Pursuing Diploma Final Yr Age: 17 Years	6 Months	25,000/-
B10	Sr. Technician –Mechatronics NSQF Level: 4.5	Pursuing Diploma Final Yr Age: 17 Years	6 Months	25,000/-
B11	Jr. Designer –Tool NSQF Level: 4.5	Pursuing Diploma Final Yr Age: 18 Years	6 Months	25,000/-
B12	Technical Supervisor-Computer Aided Engineering NSQF Level: 5	BE/B.Tech Perusing in relevant Trade Age: 18 Years	6 Months	25,000/-

Rs.3000/-Security deposit & Rs.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

SHORT TERM COURSES

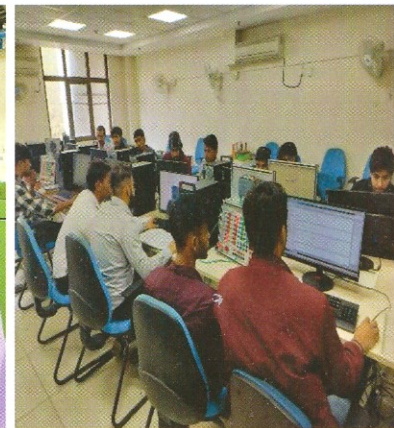
Career Oriented Courses for B.Tech./B.E./Diploma/ITI Students.

Area	Module	Sr. No.	Course	Duration	Course Fees
Mechanical / Production / Automobile Engineering or Equivalent	CAD	1	AUTOCAD (MECH.)	96Hrs.	4,500/-
		2	SOLID WORKS	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/-
	METROLOGY	12	CORDINATE MEASURING MACHINE (CMM)	18Hrs.	4,500/-
	AUTOMOBILE	13	AUTOTRONICS	96Hrs.	6,000/-
Electrical / Electronics / Instrumentation / Computer / Mechanical or Equivalent B.Sc. / M.Sc. Electronics / Computer Science	AUTOMATION	14	ELECTRICAL CAD (E-CAD)	96Hrs.	4,500/-
		15	PLC PROGRAMMING (TIA)	96Hrs.	8,000/-
		16	SCADA	96Hrs.	8,000/-
		17	VLSI	96Hrs.	8,000/-
		18	BASIC HYDRAULICS	24Hrs.	3,500/-
		19	BASIC PNEUMATICS	24Hrs.	3,500/-
		20	ELECTRO HYDRAULICS	24Hrs.	4,500/-
		21	ELECTRO PNEUMATICS	24Hrs.	4,500/-
		22	SENSORS & APPLICATIONS	48Hrs.	5,500/-
		23	MATLAB	72Hrs.	10,000/-
		24	E-PLAN	96Hrs.	4,500/-
Computer Science / I.T./ Any Graduate	COMPUTER APPLICATION	25	C PROGRAMMING	48Hrs.	1,250/-
		26	C++ PROGRAMMING	48Hrs.	1,500/-
		27	PYTHON PROGRAMMING	48Hrs.	1,500/-
		28	COMPUTER HARDWARE NETWORKING	96Hrs.	3,500/-

1. GST 18% extra on registration fee & course fee applicable to all candidates

2. New batches will be started from every Monday of week

Hostel & Mess	<i>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</i>	
Duration	Hostel Charge	Mess Charge
6 Months	9000/-	15,000/-



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	Entrepreneurship Awareness Program
Entrepreneurship cum Skill Development Program	Min.25	6 Weeks		Entrepreneurship cum Skill Development Program
Management Development Program	Min.25	1 Week		Management Development Program

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.



NATIONAL SCHEDULED
CASTES FINANCE
AND
DEVELOPMENT
CORPORATION



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

- Admissions are open for Boys & Girls; eligible candidates will be offered Admission on the basis of their qualification & eligibility as per norms.
- MSME-TC Bhiwadi reserves the right to reject any application without assigning any reason. Incomplete applications are liable to be rejected.
- Reservation as per Government of India norms for AICTE / NSQF compliant Courses only.
- Candidates belonging to reserved category should substantiate their claim by enclosing a Caste certificate issued by competent authority.
- Medium of instruction is English only.
- 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.
- 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.
- Registration Fee/Course Fee is non-refundable/non-transferrable in case any candidate cancels his admission for any reason.
- 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.
- Course fee once paid will not be refunded under any circumstances.
- Security Deposit will be refunded only on successful completion of the Course.
- Admission to the course once confirmed will not be cancelled/transferred under any circumstances & fees paid will be forfeited.
- 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.
- 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.
- Change of batch/Course or Re-admission to the courses may be permitted on payment of extra charges as applicable.
- Security Deposit shall be forfeited, in case of loss of original receipt of the security deposit.
- Registration Form is for application to the course only for admission purpose.
- Movement of trainee within the campus shall be restricted to his/her allotted workplace.
- All the trainees will ensure discipline within the campus.
- Regular attendance will have to be maintained by the trainee as per course Schedule & 80% attendance is compulsory in all subjects individually.
- Admission to any course confirms acceptance to all the rules and regulations.

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

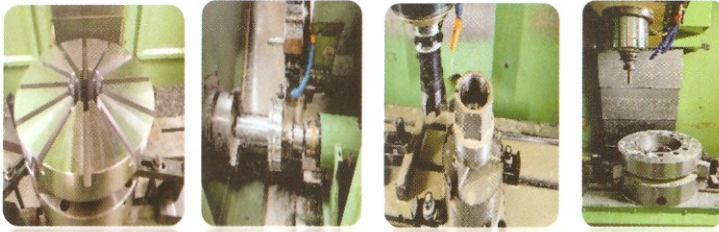
SCAN & PAY



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 Job work basis.

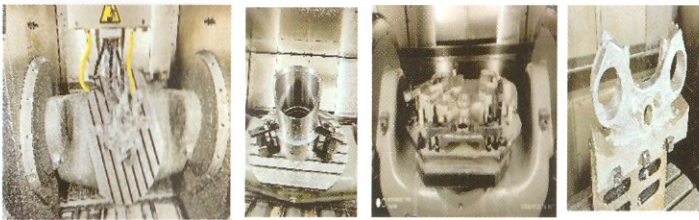
CNC Milling & Turning



CNC EDM Wire Cut Machining



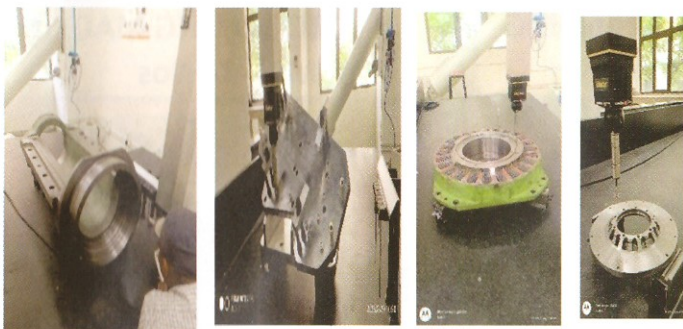
CNC 5 Axis Machining



Moulds Design & Development



Critical Parts Inspection on CMM Machine



Other Machined Parts



CNC EDM Die Sinking Machining



Vacuum Heat Treatment Service

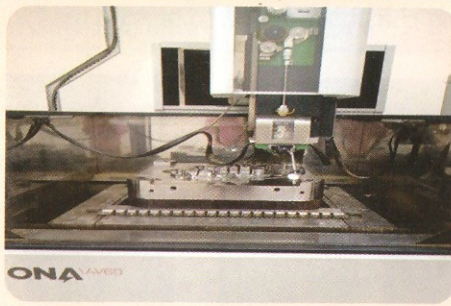


For Production Related Queries connect at mgr.prod@msmetcbhiwadi.org

PRECISION MANUFACTURING



❖ CNC 5 AXIS MILLING MACHINE -01 Nos



❖ CNC WIRE CUT MACHINE -01 Nos



❖ CNC DIE SINKER EDM MACHINES -02 Nos



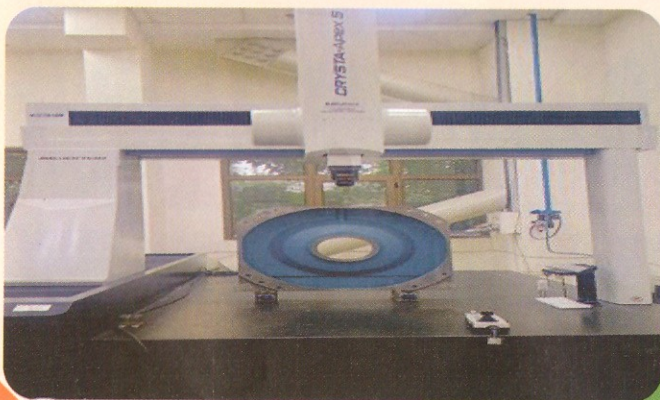
❖ CNC TURNING MACHINES -10 Nos



❖ UNIVERSAL GRINDING MACHINE -01 Nos



❖ CNC MILLING MACHINES (VMC) -10 Nos



❖ CMM MACHINE -01 Nos



❖ VACUUM HEAT TREATMENT FURNACE -01 Nos

How to Reach us:

- INDIRA GANDHI INTERNATIONAL AIRPORT DELHI TO MSME TC BHIWADI - 69 KM
- REWARI JUNCTION, RAILWAY STATION TO MSME TC BHIWADI - 38 KM
- BHIWADI STATE BUS STAND TO MSME TC BHIWADI – 12.5 KM

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, Email : dgm@msmetcbhiwadi.org, sm.training@msmetcbhiwadi.org

Phone No.:- 01493-242158, 01493242139 , Mobile No.:- 8595447671, 9373161259, 9373161260

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