

DETAILS OF TRAINEES AVAILABLE FOR PLACEMENT

S.No.	Course details	Eligibility of admission	Duration of study	Batch strength	Selection procedure	Project work / Internship/In-plant training	Course content
1	Diploma course in Tool, Die & Mould Making (DTDM)	SSC	4 Years	60	Through an All India level Entrance Test conducted by CITD	11 months In-plant training from August to June (This course is approved by AICTE, New Delhi, and recognized by the State Board of Technical Education, Govt. of A.P.)	Communication Skills, Applied Mathematics, Applied Physics, Applied Chemistry, Applied Mechanics, Engineering Drawing, Workshop Technology, Engineering Metrology, Workshop Practice, Independent Study Technique, Strength of Materials, Material Technology, Computer Applications, Design of Jigs & Fixtures, Gauges, Design of Press Tools, Plastic Moulds, CNC Technology, Thermal Engg. Ren. Energy, Sociology, Hydraulics & Pneumatics, Electrical / Electronics Engg., Design of Die Casting Dies, Design of Forging Dies, Heat Treatment, Entrepreneurship Development, Prod. Planning & Costing, Industrial Management.
2	Diploma course in Production Engineering (DPE)	SSC	3 Years	60	Through an All India level Entrance Test conducted by CITD	6 months In-plant training from August to Jan. (This course is approved by AICTE, New Delhi, and recognized by the State Board of Technical Education, Govt. of A.P.)	Communication Skills, Applied Physics, Chemistry, Mathematics, Engg., Drawing, W/S Technology, W/s practice, Fluid Mechanics, Machine drg, Elec. Tech. & Basic Electronics, Theory of Machining, Tool Engineering, Entrepreneurship Development, Engg. Metrology, Strength of Materials, Prodn. Tech., Thermal Engg., CAD/CAM, Power Plant Engg, Indl. Management.
3	Diploma course in Electronics & Communication Engineering (DECE)	SSC	3 Years	60	Through an All India level Entrance Test conducted by CITD	6 months In-plant training from August to Jan. (This course is approved by AICTE, New Delhi, and recognized by the State Board of Technical Education, Govt. of A.P.)	Communication Skills, Applied Physics, Chemistry, Mathematics, Entrepreneurship Development, Adv. communication systems, Electronic Measuring Instruments Indl. Electronics, Data communications & Computer Networks, Microprocessors, Digital Electronics, Audio & Video Systems, Indl. Management, Engg. Drg., Micro Controllers, Electronic Circuits.
4	Diploma course in Automation & Robotics Engineering (DARE)	SSC	4 Years	60	Through an All India level Entrance Test conducted by CITD	6 months In-plant training from August to Jan. (This course is approved by AICTE, New Delhi, and recognized by the State Board of Technical Education, Govt. of A.P.)	Communication Skills, Applied Physics, Chemistry, Mathematics, Entrepreneurship Development,, Electronic Measurements & Sensor Technology, Robotic Engineering, PLC & SCADA, CAD/CAM, Electronic Circuits, Digital Electronics, Hydraulics, Microprocessors, Indl. Management, Micro Controllers, Indl. Electronic Dynamics of Machines.
5	Advanced CNC Machinist Course (ACMC)	SSC with ITI (Fitter/Turner/Machinist / Tool & Die Maker	1 Year	---	5 Students every month (First come first served)	---	Will be given training on G-codes, M-codes, CNC Milling, CNC Turning and CNC Wirecut machines.
6	Post Diploma course in Tool Design (PDTD)	DME/DPE/DTDM	1 Year	60	Through an All India level Entrance Test conducted by CITD	---	The students for Post Diploma course in Tool Design (PDTD) are selected at the intake level of DME. The course is approved by AICTE, New Delhi. The duration of the course is one year and the students are exposed in Tool Engineering subjects like Design of Press Tools, Plastic Moulds, Die Casting Dies, Cutting Tools. Gauges, Jigs & Fixtures, Low Cost Automation Techniques and software's like AutoCAD, ProE, UG, and Catia etc.
7	Master of Engineering Specialization in Tool Design (M.E.- Tool Design) In collaboration with Osmania University	B.E./B.Tech. (Mech./Prodn.)	2 Years	25	Through an All India level Entrance Test conducted by CITD	9 to 11 months Project Work / Internship from August to June / July	<p>To bridge the gap between academic Institutes and the Industry, CITD has entered into an MOU with the Osmania University to conduct Master of Engineering programme in Mechanical Engineering with specialization in Tool Design (M.E. – Tool Design) and CAD/CAM (M.E. – CAD/CAM) from the academic year 2002-2003. The students are selected through an open advertisement on all India basis through entrance examination conducted by Osmania University.</p> <p>The theory classes are conducted in Osmania University under the able guidance of well-qualified Professors and at CITD under well qualified & experienced faculty. The practical are conducted at CITD.</p> <p>Theory Subjects like Design of Press Tools, Plastic Moulds, Die Casting Dies, Forging Dies, Jigs & Fixtures, Design of Metal Cutting Tools, Gauges & accessories, GD&T, In addition to the above, the students are exposed in other subjects like Material Science, Advanced Metrology, Finite Element Techniques, Automation, etc.,</p> <p>Software Exposure to AutoCAD, CATIA V5, Pro-E, Unigraphics, Ansys, Hypermesh, etc.</p>