



**INTERNATIONAL ORGANIZATION FOR EDUCATIONAL DEVELOPMENT - IOED**  
 International / Intergovernmental Organization for Educational Development (Research & Training), Security and Economic Cooperation  
*(Skill & Entrepreneurship Development Programs focusing on the start-up projects in Academic and Industry)*

**Admin Office:** 89, Bamnoli, Sector 28, South-West District, Dwarka, New Delhi – 110077  
 Email: [ioedindia@ioed.in](mailto:ioedindia@ioed.in) Web: <https://www.ioed.in/>

**TRAINING PROGRAMS**

Courses	Intake	Duration	Hrs/Day	Fee	Eligibility
<b>Long Term Courses:</b>					
1. Diploma in Tool & Die Making	60	4 Years	8	176000	10 <sup>th</sup> with English
2. Certificate in Mechanist – Tool Room	40	2+1 Years	8	64000	10 <sup>th</sup> with English
3. Diploma in Tool & Die Engineering	50	3 Years	8	180000	10 <sup>th</sup> with English
4. Certificate course in CNC Turning & Milling	50	1 Year	6	60000	10 <sup>th</sup> pass
5. Condensed course in Tool & Die Making	50	1 Year	6	66000	10 <sup>th</sup> pass
6. Post Graduate Diploma in Tool Design & CAD/CAM	50	1 ½ Years	6	100000	Degree
7. Post Diploma in Tool Design & CAD/CAM	50	1 Year	6	60000	Degree/Diploma
8. Post Diploma in CNC Machine Maintenance	50	1 Year	6	60000	Degree/Diploma
9. Post Diploma in Computer aided Engineering	20	1 Year	6	60000	Degree/Diploma
10. Post Diploma in CAD/CAM	50	1 Year	6	60000	Degree/Diploma
11. Post Diploma in Tool & Die Manufacturing	50	1 Year	6	60000	Diploma
12. Advance Certificate Course in CNC Machining	50	1 Year	6	60000	ITI
<b>Medium Term Courses:</b>					
1. Master Certificate Course in CAD CAM	25	6 Months	6	40000	Diploma
2. Master Certificate Course in CNC Technology	25	6 Months	6	40000	Diploma
3. Advance Diploma in Computer Hardware & Networking Management	25	6 Months	4	25000	Any Graduate Diploma
4. Advance Diploma in CNC Programming Techniques & Practices	25	6 Months	6	50000	Degree or Diploma
5. Certificate Course in CNC Milling	25	6 Months	4	18000	SSC
6. Certificate Course in CNC Turning	25	6 Months	4	18000	SSC
7. 3D Animation & Special Effect	25	6 Months	6	60000	12 <sup>th</sup> pass
<b>Short Term Courses:</b>					
1. CNC Machinist	25	4 Months	6	24000	ITI
2. Certificate in Auto CAD	10	4 Weeks	6	5000	HSC/ITI/Diploma/Degree
3. CREO (Modelling & Drafting)	10	3 Weeks	6	13000	HSC/ITI/Diploma/Degree
4. Solid Works	10	3 Weeks	6	13000	HSC/ITI/Diploma/Degree
5. CATIA	10	4 Weeks	6	15000	HSC/ITI/Diploma/Degree
6. DEL CAM	10	5 Weeks	6	13000	HSC/ITI/Diploma/Degree
7. Master CAM (Modelling & Machining)	10	5 Weeks	6	13000	HSC/ITI/Diploma/Degree
8. NX (Modelling & Drafting)	10	3 Weeks	6	13000	HSC/ITI/Diploma/Degree
9. NX (Machining)	10	2 Weeks	6	11000	HSC/ITI/Diploma/Degree
10. ANSYS	05	4 Weeks	6	19000	HSC/ITI/Diploma/Degree
11. HYPERWORKS	10	4 Weeks	6	26000	HSC/ITI/Diploma/Degree
12. Programming & Operation of CNC Milling	10	2 Weeks	6	7500	ITI
13. Programming & Operation of CNC Turning	10	2 Weeks	6	7500	ITI
<b>Other Short Term Courses:</b>					
1. Room Air Conditioner & Home Appliances	25	4 Months	6	20000	ITI
2. Hand Held Products	25	3 Months	6	15000	HSC/ITI/Diploma/Degree
3. Audio Video	25	3 Months	6	15000	HSC/ITI/Diploma/Degree
4. Air Conditioner Installation	25	2 Weeks	6	3000	HSC/ITI/Diploma/Degree

**Entrepreneurship Skill Development short term Certificate Programs sponsored by State/Organizations**

**Course: Post Graduate Diploma in Tool Design & CAD/ CAM (PGTDCC)**

Auto CAD	Design of Moulds	CATIA
Solid Works	Design of Die Casting Dies	ANSYS
Pro-E	Advance Metrology	Rapid Prototyping
Unigraphics (CAD)	Master CAM	Reverse Engineering
Design of Jigs & Fixtures	Unigraphics (CAM)	Entrepreneurship
Design of Press Tools	CNC Programming & Machining	Engineering Research Methodology
Heat Treatment	Advanced Manufacturing Processes & Computer Aided Process Planning (CAPP)	Course-Work: Project
<b>Duration:</b> 18 Months, 8 hrs/6 days a week		
<b>Eligibility:</b> Degree in Mechanical/Automobile/Plastic/Production Engineering		

**JOB ORIENTED HIGH SKILL TECHNICAL TRAINING COURSES:**

Course	Duration	Eligibility
Post Graduate Diploma in Tool Design & CAD/CAM	1 ½ Year	BE in Mechanical/Auto/Plastic/ Production Engineering
Post Diploma in Tool Design & CAD/CAM	1 Year	BE/Diploma in Mechanical/Auto/Plastic/Tool & Die Engineering
Post Diploma in Industrial Automation & Robotics	1 Year	BE/Diploma in Mechanical/Production/Electrical/Mechatronics Engineering
Condensed course in Tool & Edie Making (CCTDM)	1 Year	10 <sup>th</sup> Pass
Master Certificate course in CNC Technology	6 Months	Degree/Diploma in Mechanical Engineering or equivalent
Master Certificate course in Mechatronics	6 Months	Degree/Diploma in Electrical/Electronics/Instrumentation/Mechanical/Production or equivalent
Certificate course in CNC Milling (CCCM)	6 Months	10 <sup>th</sup> Pass
Certificate course in CNC Turning (CCCT)	6 Months	10 <sup>th</sup> Pass
Hand Held Products (HHP)	3 Months	12 <sup>th</sup> Pass/ITI/Diploma/Degree

**COURSE: POST DIPLOMA IN INDUSTRIAL AUTOMATION & ROBOTICS (PDIAR)**

To have broad knowledge of automation techniques, Robotics and automation systems, drives, hydraulics & Pneumatics

To apply automation and robotics principles for solutions to the specific problems

To use software for generating solutions in plc, hydraulics & Pneumatics

To work as individual & member of inter-discipline team in the management supervision

To communicate effectively

To use mathematical skills for solving specific problems

To work on project & have good data collecting, organizing ability

To observe & follow safety

Develop entrepreneurship skills

Generate and update customizable reports and data in presentable form, interpret drawings, draw interferences and workout other technical details

Explain energy flow in electrical, Pneumatic and hydraulic sub-systems

**Duration:** 12 Months (1 year), 8 hrs/day, 6 days a week

**Eligibility:** Diploma/Degree in Mechanical/Production/Electrical/Instrumentation

**“Job opportunity provided to the deserving candidates after successful training”**

**Documents required for registration:**

1. Aadhar card
2. Caste Certificate
3. Two (2) Passport size photographs
4. Educational Certificate
5. Age Proof