

MSME-TOOL ROOM, HYDERABAD
CENTRAL INSTITUTE OF TOOL DESIGN

(An ISO 9001:2008, ISO 29990; 2010, ISO 14001:2004 & ISO 50001:2011 Certified Institution)

LCA COURSES 2015-2016



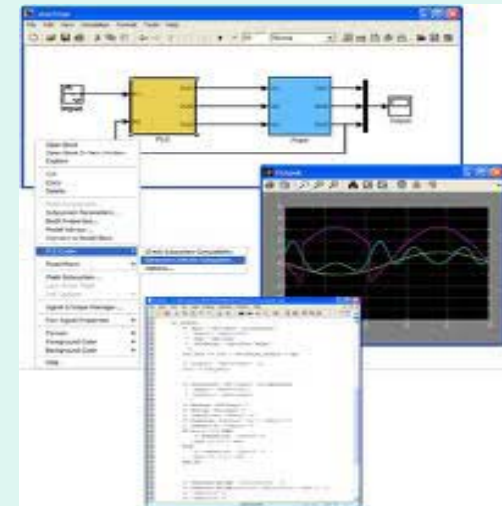
10 Months - Full Time Courses

PG Diploma in Mechatronics + M.Tech Project Work

- ◆ **Industrial Pneumatics** : Introduction to fluid power, basic circuits, advance circuits
- ◆ **Industrial Hydraulics** : Introduction to Hydraulics, Hydraulic Circuits Hydraulic control valves and accessories
- ◆ **PLC** : SEIMENS STEP-7 300, STEP-7 200
- ◆ **FLUID SIM** : Design of pneumatic circuits, Electro pneumatic circuits.
- ◆ **MATLAB** : Matlab programming, Sim Electronics, PLC coder
- ◆ **Industrial Robotics** : CIROS programming for 5 axis robot.
- ◆ **PROJECT WORK**

Course Fee: Rs. 55,000/- + 500/- Reg. Fee for SME & Individuals,
Rs. 84,000/- + 500/- Reg. Fee for Govt. Org. & Major industries.
Fee can be paid in 2 installments.

Eligibility: ME/M.Tech Pursuing in ECE/EIE/MCT Equivalent.



6 Months - 3hrs a day

Master Certificate In Mechatronics

- ◆ **Industrial Pneumatics** : Introduction to fluid power, basic circuits, advance circuits
- ◆ **Industrial Hydraulics** : Introduction to Hydraulics, Hydraulic Circuits Hydraulic control valves and accessories
- ◆ **PLC** : SEIMENS STEP-7 300, STEP-7 200
- ◆ **Sensor Technology** : Introduction to various types of sensors
- ◆ **8051 Microcontroller** : Introduction to 8051, Interfacing techniques.

Course Fee: Rs. 24,000/- + 500/- Reg. Fee for SME & Individuals,
Rs. 53,000/- + 500/- Reg. Fee for Govt. Org. & Major industries.

Eligibility: ME/M.Tech Pursuing in ECE/EIE/MCT Equivalent.
B.E/B.Tech in EEE/ EIE/ ECE/ Mech/Prod/Aero/Automobile/Mechatronics
or equivalent.



2 Months - 3hrs a day

Industrial Robotics

◆ **MISHTUBISHI RV2AJ 5 Axis robot** : Architecture, Programming, Interfacing, Controlling

Course Fee: Rs. 13,000/- + 500/- Reg. Fee for SME & Individuals,
Rs. 22,500/- + 500/- Reg. Fee for Govt. Org. & Major industries.

Eligibility: BE/B.Tech/DIPLOMA in MECH/AERO/AUTOMOBILE or equivalent.



1 Month - 3hrs a day

MECHATRONICS

◆ **Mechatronics** : Industrial Pneumatics,PLC.

Course Fee: Rs. 5,000/- + 500/- Reg. Fee for SME & Individuals,
Rs. 7,500 /- + 500/- Reg. Fee for Govt. Org. & Major industries.

Eligability: B.Tech / Diploma (EEE, EIE, ECE, Mech, Prod, Aero, Automobile) or equivalent.



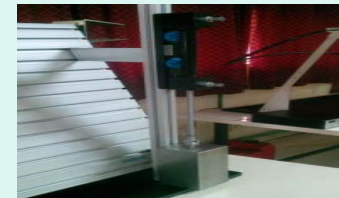
2 Weeks Courses - 3hrs a day

PLC

- ◆ Industrial Pneumatics
- ◆ Industrial Hydraulics
- ◆ PLC Programmin
- ◆ Sensor Technology

For Each Course Fee: Rs. 4,500/- + 500/- Reg. Fee for SME & Individuals,
Rs. 7,500 /- + 500/- Reg. Fee for Govt. Org. & Major industries.

Eligability: B.Tech / Diploma (EEE, EIE, ECE, Mech, Prod, Aero, Automobile or equivalent



Note:

- All the above courses will be commenced on 1st & 3rd Wednesday of every month.
- For SC /ST Candidates fee waiver will be provided as per Govt. of Indian Norms.

Project Works

For Diploma Projects:

Fee: Rs.13,500/- + Rs.500/- Registration Fee per participant
(Verilog, VHDL, FPGA and CPLD Programming and Practical Training in the tool Rooms)

Duration: Six Months

(4 Months Theory and 2 Months Lab)

For B.E/B.Tech Projects:

Fee: Rs.5500/- + Rs. 500/- Registration Fee per participant
for any Two software with project.

Fee: Rs. 7500/- + Rs. 500/- Registration Fee per participant
for any Two software with project.

B.E/B-Tech Project Works Commence in December & January.

For PhD/Reserch Scholar's Projects:

Fee: Rs.16,000/- + Rs.500/- Registration Fee per participant for utilization of our facilities (any two softwares and hardware) for about 300 hrs without guidance from the faculty. If any assistance is required by the participant then he/she has to register for the respective courses by paying the fee required.