Introduction to PLC systems used in industries

Pneumatic actuator with sensory automation

Hydraulic actuator with sensory automation

Hands-on PLC programming

Ladder sequence program.

HMI development through PLC

Integration of PLC to manufacturing system

COURSE FEES

<table>
<thead>
<tr>
<th>Students</th>
<th>Industry professionals</th>
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<td>INR 4,000 (incl. of GST)</td>
<td>INR 12,000 (incl of GST)</td>
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APPLICATION PROCEDURE

Apply online: “https://erp.iitkgp.ac.in/CEP/courses.htm”

Follow Procedure: Click “Self Sponsored” on the left bar and find our course.

Click on “How to Apply” and “How to Pay” for more instructions.

ACCOMMODATION, FOODING & TRAVEL

- Based on availability, accommodation may be arranged at IIT Guest House with additional cost; and request for the same need to be made separately through email in advance. This will be considered only for the successfully registered candidates only
- Candidates need to make their own travel and food arrangements; however, lunch will be served during the training programme

COORDINATORS

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ABOUT CoE-AMT

CoE-AMT has been established at IIT Kharagpur with the support from Department of Heavy Industry (Ministry of HI&PE) and a consortium of top 6 industry members in the country, offering a unique platform for collaborative research in manufacturing keeping harmony with the 'Make-in India' initiative of the GoI. The Centre initiates innovative and top-quality research focused to the industries on Specialty materials, Design and automation, Additive manufacturing, and Industry 4.0 (Industrial Internet of Things). The Centre boosts innovative interventions in the advanced manufacturing domain by enabling an ecosystem among Institutes of higher repute, top industries, and also the MSMEs & Start-ups.