

TECHNICAL PROJECTS

INSPIRE . INNOVATE . INITIATE LEARNING

Eligibility:

Final year engineering students (Chemical, Petrochemical, Mechanical, Instrumentation, electrical) or M.Sc students (Chemistry, Industrial and analytical)

Duration: One-month

Project Abstract: To be prepared by the students with expert guidance of their HODs and Cetex technical team respectively.

*course fees on request

Our Strengths:

- State of the art R&D lab
- Core network of experts from diverse fields
- In-depth practical analysis of industrial bottle necks
- Systematic evaluation
- Consistent quality
- Dedicated team of mentors



Our project course work has immensely benefited students who actively seek to learn the nuts and bolts of the chemical industry via practical training. With mentors to monitor the project and provide immediate feedback, our focus is on moulding project-trainees to learn beyond the realm of their textbooks.

"We strive to bridge the gap between industry and academia through our innovative and comprehensive project modules"

Topics: Insight



Contact Us:



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PROJECT TOPICS:

- Hydrocarbon Storage tanks under pressure, its design and fabrication and erection.
- CSTR, Tubular reactor Design and cooling requirement.
- Distillation column design for hydrocarbons separation.
- Heat exchangers, condensers and reboiler design for Petrochemical industry
- Process improvements in Chemical plants.
- Environment control measures.
- Process safety studies
- Boiler efficiency calculation and improvements.
- Energy management and efficiency in Power consumption
- Power plant bio-mass based, mechanical system for feed and ash collection
- Software usage in maintenance and equipment history, OEE, MTBF
- Integrated quality management system
- Tank level management system -SCADA and integrate with DCS
- Selection of control systems and revamping study of DCS