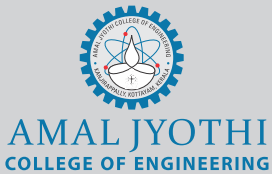


AAjPaCT

(A joint venture between Amal Jyothi College of Engineering (AJCE) and Asian Institute of Petroleum and Construction Technology (AIPCT), Cochin, Kerala)



About AAjPaCT

AAjPaCT is a joint venture between Amal Jyothi College of Engineering (AJCE) and Asian Institute of Petroleum and Construction Technology (AIPCT). AAjPaCT aims to bridge the existing skill gap amongst young engineers and non-engineers in the field of mechanical, petroleum, electronic, electrical, Instrumentation, chemical and allied process industries.

AIPCT, www.aipct.asia, offers specialized training programs by experts from international petroleum companies and the practical sessions are handled by internationally acclaimed senior professionals. Students will also be introduced to real world practical scenarios and the training sessions shall be conducted at Amal Jyothi College of Engineering or outside the campus.

Courses offered

1

Control & Automation in Oil Industry* – SCADA included (24 hours)

- Control & Automation in Oil industry, Systems widely used
 - Smart field systems
 - SCADA
 - Wellhead applications
 - Oil and Gas Exploration & Production Operations – overview
- *One laptop for every 5 students should be available for demo

2

Piping & Pipeline Engineering – (60 hours)

- Pipeline Basics & Elements
- Process Flow Diagrams (PFD)
- Piping and Instrumentation Diagram (P&ID)
- Codes & Standards
- Pipeline construction
- Oil and Gas E&P Operations overview
- Asset Integrity Management system (AIMS) with Corrosion and Inspection

3

QA/QC Mechanical With NDT (ASNT Level II Certification) – (30 hours)

- | | |
|-----------------------|---|
| • Radiography Testing | • Film Interpretation |
| • Penetrant Testing | • Introduction to Piping and pipeline engineering |
| • Ultrasonic Testing | • Petroleum E&P Operations overview |
| • Magnetic Testing | • Asset Integrity Management system (AIMS) with |
| • Visual Testing | Corrosion and Inspection |

4

Fire and Safety Engineering * – 20 hours

- Fire & Safety
- Electrical Safety
- Process Safety
- Industrial Construction Safety
- Onsite Documentation & HSE Audits

* Eligibility for admission: Plus Two stream and any degree/ diploma stream

5

Diploma in Oil and Gas Operations – 6 months

- Oil exploration and production
- Onshore and offshore drilling
- E&P process safety management
- Gas processing
- EPC (Engineering, Procurement, Construction and Commissioning)
- Asset Integrity Management System (AIMS) with Corrosion and Inspection
- MIS in Petrochemical Industry (Maintenance and Materials Management System inclusive)
- MS Project – Introduction

6

- **Internship** shall be provided for selected students optionally.

Highlights

- Quality education
- Well experienced faculties
- Soft Skill development programs
- Training for attending interviews
- Onsite training for eligible selected candidates after the course
- Resume preparation
- Placement support for eligible candidates.
- Conducting National/ International Seminars and Workshops
- 5 faculty members are with PhD
- Visiting Faculties from abroad with minimum 15 years of petroleum industry experience
- Faculties worked in ADNOC, ONGC, PETROFAC, Shell, Ras Gas, Reliance & Qatar Petroleum Group of companies etc.



Affiliations

- American Society for Non Destructive Testing
- Scientific and Technical Education Development Council (S.T.E.D. Council)
- International Organization for Standardization (I.S.O.)
- National Centre for Labour and Learning (N.C.L.L.)
- National Safety Council



Contact Us

Asian Institute of Petroleum and Construction Technology (AIPCT)

Amal Jyothi College of Engineering Campus
Koovappally, Kanjirappally,
Kottayam District, Kerala, India – 686518,
Email: aajpact@ajce.in

Contact Person

Prof Sherin Thampi + 91 9846715983

Prof Rohit Rajeev + 91 9496323549

Prof Edwin Basil Lal + 91 9746710546

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