

## Assistant Professor

Ecole/Institution/Société:

**Institute of Applied Technology, United Arab Emirates / Abu Dhabi**

Discipline:

**Mechanical Engineering**

Type d'emploi::

**Full-time**

Date de publication:

**2022-04-18**

Personne à contacter:

**If you wish to apply for this position, please specify that you saw it on AKATECH.tech**

### **Assistant Professor for Electro Mechanical Engineering Technology**

Abu Dhabi Polytechnic was established by the Institute of Applied Technology in 2010 to offer a dual educational-professional training system with multiple high-tech disciplines (specializations) to produce technologists and engineers to serve the UAE industrial manpower required for Abu Dhabi Economic Vision 2030. Specifically ADP vision is to create skilled professional technologists and engineers capable of performing at the highest international standards to build a knowledge-based economy in the UAE.

As a government entity AD Polytechnic is an exciting venture that is bringing the internationally recognized Applied Bachelor / Higher Diplomas of advanced careers and majors in collaboration with our partners. We provide a rigorous educational and training program, often requiring us to go outside of the country to find the best facilities for highly specialized training. The ADP community comprises ambitious students and academic staff who set a rigorous pace in the achievement of teaching excellence.

<http://www.adpoly.ac.ae/En/Pages/Home.aspx> or <http://www.iat.ac.ae/>

#### **Brief Posting Description**

- ADPOLY requires hiring an Academic Faculty to teach the Bachelor degree in Electro Mechanical Engineering program specialised in Artificial Intelligence System OR Mechanical Manufacturing. This is an Open Rank (Hiring Rank will depend on candidate's post PhD relevant full time teaching experiences, no of publications in reputable journals etc).

#### **Job Requirement**

- Applicants must be qualified to PhD level in Mechanical (Manufacturing) Engineering OR Artificial Intelligence systems and relevant specializations/competence industrial certificates will be an advantage. (Professional Doctorates are NOT accepted i.e. Doctorate of Education or Doctorate of Business Administration etc). Applicants should have minimum of 1-3 years teaching experience at Higher Education Institutions after completion of PhD.
- Evidence to active research records and publications, participating in curriculum development with minimum of 2 publications registered in Scopus Database or Scholarly Publications.
- Excellent oral and written English

## **Detailed Description**

- Proven Skills in Mechatronics systems design and integration
- Competent in programmable logic controllers (PLC)
- Proven Skills in pneumatics and hydraulics systems
- Competent in Supervisory and Distributed Control Systems (SCADA and DCS)
- Proven Skills in Computer Aided Design and Manufacturing (CAD/CAM)
- Competent in Process Control
- Proven Skills in Control Systems
- Proven Skills in Robotics Systems
- Proven Skills in Programming with C++
- Artificial Intelligence Systems
- Robotics
- PLC
- CAD/CAM/CNC
- Process Control
- Pneumatics and Hydraulics
- SCADA
- DCS
- Lab View
- C++ Programming
- We offer a tax free salary package with excellent family benefits.

Please send your updated CV to the following email: [cv.academies@iat.ac.ae](mailto:cv.academies@iat.ac.ae)

Kindly quote THE03/ADPOLY

Only shortlisted candidates will be contacted for the interview

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