



JOB DESCRIPTION

Job Title: Lecturer /Assistant Professor in Data Science

Department: Computing

Reports to: HOD Computing

Job Purpose

Design, deliver and evaluate the programs being offered by the department model at Diploma, Bachelor and Master Level.

Roles & Responsibilities The academic staff members at Muscat College:

- Carry out teaching duty as per prescribed rules and regulations of College/ or programmes as per the QA handbook for programmes
- Prepare teaching materials, handouts, presentations
- Actively participate in curricular and extra-curricular activities of the College/department
- Play an active role in student advising, guidance, counseling and mentoring
- Monitor and maintain registration records and study plans of student/advisees
- Comply with the programmes assessment policies and regulations
- Conform to the internal verification regulations
- Conform to the grading scheme of academic programmes
- Maintain unit/module/course file
- Comply with malpractice policy for academic programmes
- Marking of attendance and complying with attendance regulations
- Involve oneself in self-development through ongoing professional development and research activities
- Assist in the project supervision of undergraduate/ graduate students and participate in research programs in their field of interest
- Assist in examination related activities of the department
- Uphold the College values and comply with the norms and regulations
- To undertake duties as directed by the Head of Department



PERSON SPECIFICATION

Criteria	Essential	Desirable
Qualification	<ul style="list-style-type: none"> • PhD / Master degree in Computer Science / Data Science • PhD / Master's degree in Mathematics / Statistics 	<ul style="list-style-type: none"> • Preferred to have Associate Fellow of Higher Education Academy Certification or equivalent
Experience	<ul style="list-style-type: none"> • Minimum 2 years' teaching experience after PhD, and 3 years of teaching experience after Master in recognized College/University at Bachelor/Master Level • Candidates with more than five years of industry experience in the specified skills may also be considered. 	<ul style="list-style-type: none"> • Industry/company exposure • Experience in working with diversified nationalities
Knowledge	<ul style="list-style-type: none"> • Python, AI • SQL • Industry projects • Basic statistical learning such as regression and logistic regression" 	
Technical/Work-based Skills	<ul style="list-style-type: none"> • NoSQL databases such as MongoDB" • Advanced Machine learning (neural networks, decision trees, Bayesian networks)" • Hadoop and Spark • To present complex information to students with a variety of abilities. • To work independently and as part of a team. • Dissertation guiding • Supervision of projects 	
General Skills/Attributes	<ul style="list-style-type: none"> • Flexible in work timings • Enthusiasm • positive attitude towards administrative work • Team-working skills • Reliability and Integrity • Personal Organization • Engagement in own continuous professional development 	