

VACANCY ANNOUNCEMENT

Adama Science and Technology University would like to invite qualified applicants for the following vacant positions within 10(Ten) working days as of this notice.

1. CoE for Advanced Manufacturing Engineering

S.No	Specialization	Academic Rank Position	Req. qualification	No. Requr.	Required Experience	Remark
1	Precision	Senior Lecturer	MSc	1	3 years	Research or teaching with industrial experience in machining, metrology and measurements or relevant experience; expert in MS office, AutoCAD, Master CAM, Edge CAM, DEFORM 3D, etc
2	Metal Forming	Senior Lecturer	MSc	1	3 years	Research or teaching with industrial experience in metal forming technology; expert in MS office, ABAQUS, ANSYS, DEFORM 3D, PAM STAMP 3G etc.
3	Liquid processing and casting	Senior Lecturer	MSc	1	3 years	Research or teaching with industrial experience in the area of metal casting and technology; expert in MS office, ABAQUS, pro-CAST, Auto CAST, etc.
4	Welding (Joining and Analysis of Ferrous and Non-Ferrous metals)	Senior Lecturer	MSc	1	3 years	Research or teaching with industrial experience in the area of Joining of Ferrous and Non-Ferrous metals; expert in MS office, Any welding analysis Software
5	Engineering Design	Assistant Professor	PhD	1	2 years	Research or teaching with industrial experience in engineering design/design for manufacturing Engineering and Advanced materials developing and Analysis; expert in MS office and design software's

6	Engineering Design	Associate Professor and above	PhD	1	4 years & Above	Research or teaching with industrial experience in the area Design and Modelling and Developing Advanced materials; expert in MS office, ABAQUS, ANSYS, etc.
7	Liquid processing and casting	Assistant Professor	PhD	1	2 years	Research or teaching with industrial experience in the areas of metal casting and technology; expert in MS office, ABAQUS, pro-CAST, Auto CAST, etc
8	Liquid processing and casting	Associate Professor and above	PhD	1	4 years & Above	Research or teaching with industrial experience in the area of metal casting and technology; expert in MS office, ABAQUS, ANSYS, etc.
9	Welding (Joining and Analysis of Ferrous and Non-Ferrous metals)	Assistant Professor	PhD	1	2 years	Research or teaching with industrial experience in the area of Joining of Ferrous and Non-Ferrous metals; expert in MS office, Any welding analysis Software
10	Welding (Joining and Analysis of Ferrous and Non-Ferrous metals)	Associate Professor and above	PhD	1	4 years & Above	Research or teaching with industrial experience in the area of Joining of Ferrous and Non-Ferrous metals; expert in MS office, Any welding analysis Software

2. CoE for Transportation and Vehicle Vishal Engineering

S/n	Specialization	Academic Rank Position	Required qualification	No. Required	Required Experience	Remark
1	Power Electronics	Senior Lecturer	MSc	2	3 Years	Research and/or Industry experience
2	Battery Technology	Associate Prof.	PhD	1	4 Years	Research experience
3	Battery Technology	Assistance Prof.	PhD	2	2 Years	Research experience
4	Structural design and Analysis (or fiber engineering) , Mechanical Dynamic Analysis	Senior Lecturer	MSc	2	3 Years	Research and/or Industry experience
5	Structural design and Analysis (or fiber engineering), Mechanical Dynamic Analysis	Associate Prof.	PhD	2	4 Years	Research experience
6	Structural design and Analysis (or fiber engineering), Mechanical Dynamic Analysis	Assistance Prof.	PhD	2	2 Years	Research experience

3. Institute of Pharmaceutical Science (IPS)

S/n	Specialization	Academic Rank Position	Required qualification	No. Required	Required Experience	Remark
1	Natural Product Research	Assistant Professor	Ph.D.	1	2 Years	Research experience in his/her area of specialization as PhD
2	Medicinal Chemistry	Assistant Professor	Ph.D.	1	2 Years	Research experience in his/her area of specialization as PhD
3	Phytomedicine	Assistant Professor	Ph.D.	1	2 Years	Research experience in his/her area of specialization as PhD
4	Microbiology	Assistant Professor	Ph.D.	1	2 Years	Research experience in his/her area of specialization as PhD
5	Virology	Associate Professor	Ph.D.	1	4 Years	Research experience in his/her area of specialization as assistant professor
6	Pharmacology	Assistant Professor	PhD	2	2 Years	Research experience in his/her area of specialization as PhD
7	Molecular Biology	Associate Professor	Ph.D.	1	4 Years	Research experience in his/her area of specialization as PhD
8	Molecular Biology	Assistant Professor	Ph.D.	1	2 Years	Research experience in his/her area of specialization as PhD

4. COE for Advanced Materials Science & Engineering (AMSE)

S/n	Specialization	Academic Rank Position	Required qualification	No. Required	Required Experience	Remark
1	Materials science & engineering ,Nonomaterials's and energy Materials	Assistant Professor & Above	Ph.D.	2	2 Years & Above	<p>A skill to operate and analyze the following equipment; Optical Microscope, electrochemical analyzer, DSC,TMA, TGA,XRD, QTM, SEM, and UV-Visible etc</p> <p><u>Research interest</u></p> <ul style="list-style-type: none"> - Ceramics, Glass & Glass ceramics energy Materials and related area - Polymer and related area - Metallurgy & related area
2	Computational Materials Science / Eng	Senior Lecturer	M.Sc.	1	3 Years	<p>Tangible Software skill: Quantum ESPRESSO, C++ Fortran, etc</p> <p><u>Research interest</u></p> <ul style="list-style-type: none"> - Electronic and Band structure calculation
3	Materials Science & engineering Industrial Chemistry and related area	Senior Lecturer	M.Sc.	2	3 Years	<p>A skill to operate and analyze the following equipment; Optical Microscope, electrochemical analyzer, DSC, TMA, TGA, XRD, QTM, SEM, and UV- Visible etc</p> <p><u>Research interest</u></p> <ul style="list-style-type: none"> - Ceramics, Glass and Glass Ceramics, energy Materials, Polymer, metallurgy and related area

4	Materials Science & Engineering	Academic & Research Assistant	B.Sc.	1	0 Year	
---	---------------------------------	-------------------------------	-------	---	--------	--

5. CoE for Urban and Housing development (UHD)

S/n	Specialization	Academic Rank Position	Required qualification	No. Required	Required Experience	Remark
1	Architecture, Architectural Engineering, Urban Planning and Design or related fields.	Assistant Professors and above	PhD	2	2 Years and above	<ul style="list-style-type: none"> • Supervise the research staff. of the CoE-UHD • Develop and oversee budgets and policies and procedures for the Research - Department. Public Relation with High Officers of the Government and the University - Evaluate research tools and emerging technology and coordinate vendor relations - Perform other duties as assigned.
2	Architecture, Architectural Engineering, Urban Planning and Design, Construction Technology and Management or related fields.	Senior Lecturer	MSc	2	3 Years	Conduct research activities - Prepare progress reports for the CoE and funding agency Prepare other articles, reports, and presentations Monitor the project budget
3	Architecture, Architectural Engineering, Urban Planning and Design, Construction Technology and Management or related fields.	Academic & Research Assistant	BSc	1		Conduct literature reviews
					0 Year	Collect and analyze data, Prepare materials for the research activities,
						- Perform other duties as assigned

4	Architecture, Architectural Engineering, Urban Planning and Design, Construction Technology and Management or related fields.	Academic & Research Assistant	BSc	1	0 Year	R&D Laboratory Technician will be responsible for supporting the new CoE-UHD laboratory development and assist the researchers, through the use of modern laboratory testing methodologies, equipment and different advanced software's
---	---	-------------------------------	-----	---	--------	---

6. Institute for Water Resource & Irrigation Engineering (WRIE)

S/n	Specialization	Academic Rank Position	Required qualification	No.Required	Required Experience	Remark
1	Irrigation Engineer	Assistant Professor or above	Ph.D.	2	2 Years and above	
2	Irrigation Engineer	Senior Lecturer	MSc	1	3 Years	
3	Hydraulic and Hydropwer Engineering	Assistant Professor	Ph.D.	1	2 Years	
4	Hydrology and Water Resources Engineer	Senior Lecturer	MSc	1	3 Years	
5	Hydrologist	Assistant Professor	Ph.D.	1	2 Years	
6	Hydrology and water resources Engineer	Senior Lecturer	MSc	1	3 Years	
7	Water Resource Engineer	Senior Lecturer	MSc	1	3 Years	

8	Water supply and sanitary engineer	Senior Lecturer	MSc	1	3 Years	
9	Environmental Engineer	Senior Lecturer	MSc	1	3 Years	
10	Water resources and irrigation engineer	Academic & Research Assistant	BSc	1	0 Year	

7. CoE for Space Technology Institute (STI)

S/No	Specialization	Academic Rank Position	Required qualification	No. Required	Required Experience	Remark
1	Satellite System Engineering	Assistant Professor	PhD	1	2 Years	With educational background of system engineering, physics/applied physics, mechatronics engineering. Has experience or training on satellite system design, software for mission analysis and design are preferred.
2	Satellite System Engineering	Associate Professor and above	PhD	1	4 Years & above	
3	Satellite System Engineering	Senior Lecturer	MSc	1	3 Years	
6	Satellite Structure & Mechanism	Assistant professor	PhD	1	2 Years	With educational background of mechanical engineering/manufacturing. Has experience or training on satellite system design, software skills on solid works, Catia & ANSYS.
7	Satellite Structure & Mechanism	Associate Professor and above	PhD	1	4 Years & above	
8	Satellite Structure & Mechanism	Senior Lecturer	MSc	1	3 Years	

9	Satellite Thermal Control	Assistant Professor	PhD	1	2 Years	With educational background of thermal engineering. Has experience or training on satellite system design, thermal analysis, software such as ANSYS.
10	Satellite Thermal Control	Associate Professor and above	PhD	1	4 Years & above	
11	Satellite Thermal Control	Senior Lecturer	MSc	1	3 Years	
12	Satellite Electrical Power	Assistant Professor	PhD	1	2 Years	With educational background of power electronics engineering, solar energy engineering, electronics engineering. Has research/work experience or training on satellite, system design or solar energy and battery system.
13	Satellite Electrical Power	Associate Professor and above	PhD	1	4 Years & above	
14	Satellite Electrical Power	Senior Lecturer	MSc	1	3 Years	
15	Satellite command & data handling	Assistant Professor	PhD	1	2 Years	With educational background of computer engineering, computer science, electronics engineering, microelectronics. Has research/work experience or training on satellite system design, microprocessors & interfacing, knowledge of the low level programming languages.
16	Satellite command & data handling	Associate Professor and above	PhD	1	4 Years & above	
17	Satellite command & data handling	Senior Lecturer	MSc	1	3 Years	
18	Satellite Attitude Determination & Control	Assistant Professor	PhD	1	2 Years	With educational background of control engineering, mechatronics engineering. Has research/work experience or training on satellite system design & control, sensors & actuators used for satellite ADCS.
19	Satellite Attitude Determination & Control	Associate Professor and above	PhD	1	4 Years & above	
20	Satellite Attitude Determination & Control	Senior Lecturer	MSc	1	3 Years	
21	Satellite software	Assistant Professor	PhD	1	2 Years	With educational background of software engineering, computer science, information science. Has research/work experience or training on satellite system design, flight
22	Satellite software	Associate Professor and above	PhD	1	4 Years & above	

23	Satellite software	Senior Lecturer	MSc	1	3 Years	training on satellite system design, high software architecture.
24	Satellite Communication	Assistant Professor	PhD	1	2 Years	With educational background of communication engineering, electronics engineering, electronic network engineering. Has research/work experience or training on satellite system design, satellite communication, signal processing, & electronics.
25	Satellite Communication	Associate Professor and above	PhD	1	4 Years & above	
26	Satellite Communication	Senior Lecturer	MSc	1	3 Years	
27	Ground station system and data processing	Assistant Professor	PhD	1	2 Years	With educational background of computer engineering, computer science, information science, signal processing. Has research/work experience or training on satellite ground station operation.
28	Ground station system and data processing	Associate Professor and above	PhD	1	4 Years & above	
29	Ground station system and data processing	Senior Lecturer	MSc	1	3 Years	
30	Payload(camera)system	Assistant Professor	PhD	1	2 Years	With educational background of optical engineering, applied physics, electronics engineering.
31	Payload(camera)system	Associate Professor and above	PhD	1	4 Years & above	
32	Payload(camera)system	Senior Lecturer	MSc	1	3 Years	
33	Satellite Assembly integration & test(AIT)	Assistant Professor	PhD	1	2 Years	With educational background of mechanical engineering, electrical engineering, experience/training on satellite AIT facilities. Hand on experience in assembly of electrical and mechanical components.
34	Satellite Assembly integration & test(AIT)	Associate Professor and above	PhD	1	4 Years & above	
35	Satellite Assembly integration & test(AIT)	Senior Lecturer	MSc	1	3 Years	
36	Satellite remote sensing	Assistant Professor	PhD	1	2 Years	With educational background of remote sensing, GIS, Civil Engineering, Image Processing. Experience/training on satellite
36	Satellite remote sensing	Associate Professor and above	PhD	1	4 Years & above	

37	Satellite remote sensing	Senior Lecturer	MSc	1	3 Years	Receiving experience training on satellite system design.
38	Lab maintenance and operation	Senior Academic & Research Assistant	BSc	1	2 Years	With educational background of Mechanical /Electrical Engineering experience in electrical test, AIT facility maintenance & operation.

8. CoE for Electrical Systems and Electronics (ESE)

S/No	Specialization	Academic Rank/Position	Required qualification	No. Require	Required Experience	Remark
1	Electrical Engineering	Associate Professor and above	PhD	1	4 Years & above	Experience in High voltage power and Power electronics
2	Electrical Engineering	Assistant Professor	PhD	1	2 Years	Experience in High voltage power and Power electronics
3	Electrical Engineering	Senior lecturer	Msc	1	3 Years	Experience in High voltage power and Power electronics
4	Electronics Engineering	Associate Professor and above	PhD	1	4 Years & above	Experience in Electronic devices and PCB design and manufacturing
5	Electronics Engineering	Assistant Professor	PhD	1	2 Years	Experience in Electronic devices and PCB design and manufacturing
6	Electronics Engineering	Senior lecturer	Msc	1	3 Years	Experience in Electronic devices and PCB design and manufacturing

7	Electrical Engineering	Associate Professor and above	PhD	1	4 Years & above	Experience in Machine control system and industrial automation
8	Electrical Engineering	Assistant Professor	PhD	1	2 Years	Experience in Machine control system and industrial automation
9	Electrical Engineering	Senior lecturer	Msc	1	3 Years	Experience in Machine control system and industrial automation
10	Computer Science and Engineering	Associate Professor and above	PhD	1	4 Years & above	Experience in Embedded Software and Systems

8. ASTU STEM Center

S/No	Specialization	Academic Rank/Position	Required qualification	No. Require	Required Experience	Remark
1	Physics or Electrical Engineering	Academic & Research Assistant	BSc	1	0 Year	
2	Chemistry	Academic & Research Assistant	BSc	1	0 Year	