



POSITION : UNIVERSITY LECTURER (GRADE DS13)
SERVICE SCHEME : UNIVERSITY LECTURER
CLASSIFICATION : EDUCATION SERVICE
SERVICE GROUP : MANAGEMENT AND PROFESSIONAL
POSITION LEVEL : CONTRACT (INTERNATIONAL)
LOCATION : UTM JOHOR BAHRU / UTM KUALA LUMPUR

SALARY:

Minimum-Maximum Salary Schedule : RM6,210.00 - RM14,370.00
Annual Salary Increment Rate : RM290.00

ALLOWANCES:

Entertainment Allowance : RM600.00 per month
Housing Allowance* : RM700.00 per month
Cost of Living Allowance* : RM300.00 per month
Critical Service Incentive Payment* : RM165.00

**Subject to the eligibility and current circulars in force.*

SERVICE SCHEME APPOINTMENT REQUIREMENTS:

Candidates for this position must meet the following qualifications:-

- a) A Doctoral Degree (PhD) in related field recognized by the Government or a qualification deemed equivalent;
 - i. Demonstrates an outstanding level of academic excellence; and
 - ii. Possesses extensive relevant experience in the respected fields.
- b) Have relevant experience after fulfilling requirement (a) above:
 - i. At least 8 years of experience; or
 - ii. 6 to 7 years of experience for candidates in critical fields.

UNIVERSITY ADDITIONAL REQUIREMENTS:

- a) Candidates must hold a Doctoral Degree in a relevant field recognized by the government or an equivalent qualification; and
- b) Candidates must have at least two (2) indexed journal publications in SCOPUS and ISI; and
- c) Candidates must have a strong interest in Teaching, Research, Publishing, and Consultancy; and
- d) Candidates must have good proficiency in English.

APPLICATION PROCEDURE AND REGULATIONS:

1. All applicants must apply via the job application system (<https://mohonjawatan.utm.my/lantikanakademik>) and must attach a Curriculum Vitae (CV),

copies of academic certificates, and other relevant certificates, all of which must be certified by a Government Officer of Grade A and above.

2. Provide accurate, complete, and truthful information. Incomplete applications may hinder the screening process and be considered unsuccessful.
3. A RM20.00 fee is charged for one (1) application for the first faculty choice only. No fee is required for the second faculty choice. Please keep the payment receipt as proof of payment.
4. Only candidates who pass the screening process will be called for an interview at the relevant faculty.
5. If the applicant does not receive any response from Universiti Teknologi Malaysia within six (6) months from the application date, the application shall be considered unsuccessful.
6. SMOKERS ARE DISCOURAGED FROM APPLYING.

JOB DESCRIPTION:

Responsible for delivering lectures, tutorials, conducting research and publications, supervising thesis projects, managing practical work, tutorials, preparing lecture notes/laboratory manuals, handling examinations, supervising student practical training, and assisting in curriculum and syllabus development. Involved in research work and student development efforts to ensure that the organization functions efficiently and effectively.

ACCOUNTABILITIES:

1. Implement teaching, learning, and supervision activities to produce competent and holistic graduates.
2. Conduct research and publication activities to generate high-impact research outputs.
3. Engage in consultation and collaboration activities to enhance university visibility.
4. Carry out academic recognition, leadership, and student development activities to produce competitive graduates.
5. Perform service activities for the University to enhance university excellence.
6. Contribute to community service activities to improve the quality of life in society.



JAWATAN	: PENSYARAH UNIVERSITI (GRED DS13)
SKIM PERKHIDMATAN	: PENSYARAH UNIVERSITI
KLASIFIKASI	: PERKHIDMATAN PENDIDIKAN
KUMPULAN PERKHIDMATAN	: PENGURUSAN DAN PROFESIONAL
TARAF JAWATAN	: KONTRAK (ANTARABANGSA)
LOKASI	: UTM JOHOR BAHRU / UTM KUALA LUMPUR

GAJI:

Jadual Gaji Minimum-Maksimum	: RM6,210.00 - RM14,370.00
Kadar Kenaikan Gaji Tahunan	: RM290.00

ELAUN:

Imbuan Tetap Keraian	: RM600.00 sebulan
Imbuan Tetap Perumahan*	: RM700.00 sebulan
Bantuan Sara Hidup*	: RM300.00 sebulan
Bayaran Insentif Perkhidmatan Kritikal*	: RM165.00

**Tertakluk kepada kelayakan dan pekeliiling semasa yang sedang berkuatkuasa*

SYARAT LANTIKAN SKIM PERKHIDMATAN:

Calon bagi lantikan hendaklah memiliki kelayakan seperti berikut:

- a) Ijazah Kedoktoran dalam bidang berkaitan yang diiktiraf oleh Kerajaan atau kelayakan yang diiktiraf setaraf dengannya;
 - i) Membuktikan tahap kecemerlangan akademik yang istimewa mutunya; dan
 - ii) Mempunyai pengalaman berkaitan yang luas dalam bidang-bidang yang berkenaan.
- b) Mempunyai pengalaman relevan selepas memenuhi syarat (a) di atas:
 - i) Sekurang-kurangnya 8 tahun pengalaman; atau
 - ii) Pengalaman 6 hingga 7 tahun bagi calon dalam bidang kritikal.

SYARAT TAMBAHAN UNIVERSITI:

- a) Calon perlu memiliki Ijazah Kedoktoran dalam bidang berkaitan yang diiktiraf oleh kerajaan atau kelayakan yang diiktiraf setaraf dengannya; dan
- c) Calon perlu mempunyai dua (2) penerbitan Jurnal berindeks dalam SCOPUS dan ISI; dan
- b) Calon mempunyai minat yang tinggi dalam Pengajaran, Penyelidikan, Penerbitan; dan Perundingan; dan
- c) Mempunyai penguasaan Bahasa Inggeris yang baik.

CARA DAN PERATURAN PERMOHONAN:

1. Semua pemohon hendaklah menggunakan sistem permohonan jawatan (<https://mohonjawatan.utm.my/lantikanakademik>) serta melampirkan Curriculum Vitae, salinan sijil-sijil akademik dan sijil berkaitan yang telah DISAHKAN (**Pengesahan oleh Pegawai Kerajaan Gred A dan keatas**).

2. Sila masukkan maklumat yang benar, lengkap dan tepat. Permohonan yang TIDAK LENGKAP akan menyukarkan proses saringan dan boleh dianggap sebagai tidak berjaya.
3. Bayaran RM20.00 dikenakan bagi satu (1) jawatan untuk Fakulti pilihan pertama sahaja. Pilihan Fakulti kedua tidak dikenakan sebarang bayaran. Sila simpan resit bayaran sebagai bukti pembayaran.
4. Calon-calon yang melepasi saringan sahaja akan dipanggil untuk ditemuduga di peringkat Fakulti yang berkenaan.
5. Sekiranya tuan/puan tidak menerima sebarang jawapan dari pihak Universiti Teknologi Malaysia dalam tempoh enam (6) bulan dari tarikh permohonan, permohonan tersebut boleh dianggap sebagai tidak berjaya.
6. PEROKOK ADALAH TIDAK DIGALAKKAN MEMOHON.

DESKRIPSI TUGAS

Bertanggungjawab memberi syarahan, tutorial, menjalankan penyelidikan dan menghasilkan penerbitan, menyelia projek tesis, mengurus kerja-kerja amali, tutorial, menyediakan nota-nota kuliah / manual makmal, mengendalikan urusan peperiksaan, mengawasi kerja-kerja latihan praktik pelajar, membantu menyemak / menyediakan kurikulum / silibus. Melibatkan diri dalam kerja-kerja penyelidikan dan menjalankan usaha-usaha pembangunan pelajar bagi memastikan organisasi boleh menjalankan fungsi yang ditetapkan dengan cekap dan berkesan.

AKAUNTABILITI

1. Melaksana aktiviti pengajaran, pembelajaran dan penyeliaan bagi menghasilkan graduan yang kompeten dan holistik.
2. Melaksana aktiviti penyelidikan dan penerbitan bagi menghasilkan output penyelidikan yang berimpak.
3. Melaksana aktiviti perundingan dan jalinan kerjasama bagi meningkatkan visibiliti universiti.
4. Melaksana aktiviti sanjungan dan kepimpinan akademik serta pembangunan pelajar bagi menghasilkan graduan yang berdaya saing.
5. Melaksana aktiviti khidmat kepada Universiti bagi meningkatkan kecemerlangan universiti.
6. Melaksana aktiviti Khidmat kepada Masyarakat bagi meningkatkan taraf kehidupan komuniti.



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

**LIST OF CRITICAL AREAS
JOB VACANCIES - UNIVERSITY
LECTURE
SESSION 1 OF THE YEAR 2025
20 FEBRUARY 2025 UNTIL 11 MARCH
2025**

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1. AZMAN HASHIM INTERNATIONAL BUSINESS SCHOOL (AHIBS) - UTM KUALA LUMPUR

1.1 Department of Business Administration

- 1.1.1 Economy
- 1.1.2 Family Business & Entrepreneurship
- 1.1.3 Healthcare Management
- 1.1.4 Management
- 1.1.5 Technology Management

2. FACULTY OF BUILT ENVIRONMENT AND SURVEYING (FABU) - UTM JOHOR BAHRU

2.1 Department of Architecture

- 2.1.1 Architectural Computing
- 2.1.2 Architecture
- 2.1.3 Heritage Conservation
- 2.1.4 Urban Design

2.2 Department of Geoinformation

- 2.2.1 Cartography
- 2.2.2 Geomatic AI

2.3 Department of Landscape Architecture

- 2.3.1 Digital Landscape
- 2.3.2 Environmental Psychology
- 2.3.3 Horticulture & botany
- 2.3.4 Landscape ecology
- 2.3.5 Landscape engineering
- 2.3.6 Professional practice

2.4 Department of Quantity Surveying

- 2.4.1 Augmented Reality & Virtual Reality in Construction
- 2.4.2 Computer-Aided Measurement
- 2.4.3 Construction Data Analytics
- 2.4.4 Construction Law & Procurement
- 2.4.5 Construction Productivity & Quality
- 2.4.6 Project Cost Management
- 2.4.7 Project Planning & Scheduling

2.5 Department of Urban & Regional Planning

- 2.5.1 Data Analyst in Urban Planning
- 2.5.2 Planning Legislation
- 2.5.3 Urban Design
- 2.5.4 Urban Governance

3. FACULTY OF CHEMICAL AND ENERGY ENGINEERING (FKT) - UTM JOHOR BAHRU

3.1 Department of Chemical Engineering

- 3.1.1 Artificial Intelligence
- 3.1.2 Mechanical Design
- 3.1.3 Process Safety
- 3.1.4 Process System Engineering
- 3.1.5 Separation Process

3.2 Department of Energy Engineering

- 3.2.1 AI in Process Engineering
- 3.2.2 Control Engineering and Instrumentation
- 3.2.3 Gas Storage and Distribution
- 3.2.4 Nuclear Engineering

3.3 Department of Petroleum Engineering

- 3.3.1 Carbon Capture and Storage
- 3.3.2 Petroleum Safety
- 3.3.3 Health and Environment
- 3.3.4 Petroleum Economics

4. FACULTY OF CIVIL ENGINEERING (FKA) - UTM JOHOR BAHRU

4.1 Department of Geotechnics & Transportation

- 4.1.1 AI in geotechnics & Transportation engineering
- 4.1.2 BIM in Road Construction
- 4.1.3 Seismic geotechnical engineering
- 4.1.4 Transport Planning

4.2 Department of Structure and Materials

- 4.2.1 Analysis
- 4.2.2 Civil Engineering Material
- 4.2.3 Construction Management
- 4.2.4 Design

4.3 Department of Water and Environmental Engineering

- 4.3.1 AI in Water Engineering
- 4.3.2 Coastal Engineering
- 4.3.3 Environmental Management
- 4.3.4 Groundwater
- 4.3.5 Hydraulics
- 4.3.6 Marine

5. FACULTY OF COMPUTING (FC)

- UTM JOHOR BAHRU

5.1 Department of Applied Computing & Artificial Intelligence

5.1.1 Data Analytics

5.2 Department of Computer Science

5.2.1 Computer Networks

2.2.2 Cyber Security

2.2.3 System Computer

5.3 Department of Software Engineering

5.3.1 Software Engineering Foundation

5.3.2 Software Process and Methodology

5.3.3 Software Technology

6. FACULTY OF ELECTRICAL ENGINEERING (FKE) - UTM JOHOR BAHRU

6.1 Department of Communication Engineering

- 6.1.1 Acoustic communication
- 6.1.2 Digital communication
- 6.1.3 Network communications and protocols
- 6.1.4 Radar communication
- 6.1.5 Satellite communication

6.2 Department of Electronic & Computer Engineering

- 6.2.1 Digital Signal Processing
- 6.2.2 Electronic Systems
- 6.2.3 Software Engineering
- 6.2.4 VLSI Design

6.5 Department of Electrical Power Engineering

- 6.3.1 Electric Vehicle Engineering
- 6.3.2 Electrical Drive
- 6.3.3 Electrical Energy Storage Integration and Management
- 6.3.4 High Voltage engineering
- 6.3.5 Power Electronics
- 6.3.6 Power system engineering
- 6.3.7 Smart-grid

7. FACULTY OF MANAGEMENT (FM) - UTM JOHOR BAHRU

7.1 Department of Accounting & Finance

7.1.1 Accounting

7.1.2 Finance

7.2 Department of Information Systems

7.2.1 Information System (Business Analytics)

7.3 Department of Management & Technology

7.3.1 Management

7.3.2 Operation & Quantitative

7.4 Department of Marketing & Entrepreneurship

7.4.1 Entrepreneurship

8. FACULTY OF MECHANICAL ENGINEERING (FKM) - UTM JOHOR BAHRU

8.1 Department of Aeronautics, Automotive & Ocean Engineering

- 8.1.1 Aviation Management & Supply Chain
- 8.1.2 Avionics System
- 8.1.3 Marine System
- 8.1.4 Naval Architecture
- 8.1.5 Rocket and Aircraft Propulsion
- 8.1.6 Satellite Technology

8.2 Department of Applied Mechanics and Design

- 8.2.1 AI and robotics
- 8.2.2 Computer aided engineering
- 8.2.3 Failure mechanics
- 8.2.4 Industrial automation
- 8.2.5 Machine learning / data analytics
- 8.2.6 Mechatronics
- 8.2.7 Product design and innovation
- 8.2.8 Reliability
- 8.2.9 Solid mechanics
- 8.2.10 System integration

8.3 Department of Materials, Manufacturing & Industrial Engineering

- 8.3.1 CAD/CAM/CAE
- 8.3.3 Data Analytic & Machine Learning
- 8.3.3 High Performance Plastic
- 8.3.4 Industrial Internet of Things (IIOT)
- 8.3.5 Lean & Sustainability
- 8.3.6 Modelling & Simulation of Material
- 8.3.7 Optimisation
- 8.3.8 Robotic & Automation
- 8.3.9 Smart manufacturing
- 8.3.10 Smart Materials

8.4 Department of Thermofluid

- 8.4.1 Energy management
- 8.4.2 Fluid structure interaction
- 8.4.3 Heating, ventilation & air conditioning, HVAC
- 8.4.4 Hydraulic & pneumatic
- 8.4.5 Multiphase flow
- 8.4.6 Refrigeration system

- 8.4.7 Renewable energy
- 8.4.8 Supersonic combustion
- 8.4.9 Turbomachinery

9. FACULTY OF SCIENCE (FS) - UTM JOHOR BAHRU

9.1 Department of Bioscience

- 9.1.1 Computational Biology & Bioinformatics
- 9.1.2 Gene editing & Biomanufacturing

9.2 Department of Chemistry

- 9.2.1 Bioinorganic Chemistry
- 9.2.2 Chemical process
- 9.2.3 Forensic Chemistry
- 9.2.4 Organometallic and Computational Chemistry
- 9.2.5 Polymer
- 9.2.6 Quantum chemistry
- 9.2.7 Separation Science and Computational
- 9.2.8 Thermal analysis/ Radioanalytical chemistry

9.3 Department of Mathematical Science

- 9.3.1 Algebra and Analysis
- 9.3.2 Applied Mathematics (Wave, Soliton)
- 9.3.3 Numerical Analysis
- 9.3.4 Operational Research
- 9.3.5 Statistics (Stochastic, Multivariate,

9.4 Department of Physics

- 9.4.1 Computational Physics
- 9.4.2 Electronics & Instrumentation
- 9.4.3 High Energy Physics
- 9.4.4 Quantum Computing

10. MALAYSIA JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY (MJIT) - UTM KUALA LUMPUR

10.1 Department of Electronic Systems Engineering

- 10.1.1 AI and Advanced Programing
- 10.1.2 Computer Science (Software Engineering, Information Technology)
- 10.1.3 Electrical Power System
- 10.1.4 Microprocessor & Embedded System
- 10.1.5 Robotic and Automation

10.2 Department of Management of Technology

- 10.2.1 Business Planning & Marketing
- 10.2.2 Data Science & Analytics
- 10.2.3 Finance
- 10.2.4 Human Resource & Talent Management
- 10.2.5 Intellectual Property Management

10.3 Department of Mechanical Precision Engineering

- 10.3.1 Heat Transfer
- 10.3.2 Mechatronics / Robotic
- 10.3.3 Structural Analysis (FEA, FEM)

11. FACULTY OF ARTIFICIAL INTELLIGENCE (FAI) - UTM KUALA LUMPUR

11.1 Department of Business Intelligence, Humanities and Governance

- 11.1.1 Business and Financial Applications
(AI in Business and Finance, Market Prediction, Precision Marketing)
- 11.1.2 Consumer and Market Insights
(Consumer Behaviour Analysis, Social Media Insight)
- 11.1.3 Innovation and Talent Development
(Future Technopreneurship and Innovation, AI in Talent Development)
- 11.1.4 Governance, Ethics, and Responsibility
(Responsible AI & Ethics, AI in Governance and Policy)
- 11.1.5 Trust, Risk, and Security
(Trust, Risk and Security in AI Models (TRISM))

11.2 Department of Creative AI (CAI)

- 11.2.1 Augmented reality (AR)
- 11.2.2 Creative Industries (e.g. Creation, Information Analysis, Content, Enhancement and Post, Production, Information Extraction and Compression)
- 11.2.3 Geospatial
- 11.2.4 Graphic Design
- 11.2.5 Metaverse
- 11.2.6 Mixed Reality (MR)
- 11.2.7 Occupational Safety & Health
- 11.2.8 Virtual reality (VR)

11.3 Department of Intelligence Informatics (II)

- 11.3.1 Agents and Cognitive Science
- 11.3.2 AI Engineering
- 11.3.3 **AI Learning** Algorithm (Machine Learning, Reinforcement Learning, Deep Learning, Federated Learning)
- 11.3.4 AI Model (Nature Inspired, Evolutionary and Optimization)
- 11.3.5 Artificial Generative Intelligence
- 11.3.6 Artificial Narrow Intelligence
- 11.3.7 Artificial Super Intelligence
- 11.3.8 Explainable AI
- 11.3.9 Generative AI
- 11.3.10 Mathematics, Probabilistic Representation and Reasoning1.
- 11.3.11 Natural Language Processing
- 11.3.12 Perception and Computer Vision
- 11.3.13 Robotic

11.4 Department of Smart Engineering and Advanced Technology (SEAT)

- 11.4.1 Advanced Materials and Smart Infrastructure (Smart Intelligent Materials for
- 11.4.2 Engineering, Sustainable Smart Construction)
- 11.4.3 AI and Intelligent Systems (Robotics, Intelligent Communication System, Intelligent Sensors)
- 11.4.4 Intelligent Energy and Environmental Systems (Renewable Energy and AI, Intelligent Power System)
- 11.4.5 Smart Manufacturing and Automation (AI in Manufacturing, Automation Technology)
- 11.4.6 Smart Medical Technology and Analytics (Forensic and Risk Engineering)

12. FACULTY OF SOCIAL SCIENCES AND HUMANITIES (FSSK) - UTM JOHOR BAHRU / KUALA LUMPUR

12.1 Academy of Islamic Civilisation

- 12.1.1 Al-Quran and al-Qiraat
- 12.1.2 Da'wah, Media, and Communication
- 12.1.3 Islamic Manuscript and Digitilisation
- 12.1.4 Islamic Psychology and Psychotherapy
- 12.1.5 Islamic Studies and Digital Humanities
- 12.1.6 Islamic Theology (Aqidah) and Islamic Thought

12.2 Department of Human Resource Development

- 12.2.1 Human Resource Development
- 12.2.2 Communication

12.3 Department of Psychology

- 12.3.1 Industrial and Organizational Psychology
- 12.3.2 Psychological Testing and Measurement

12.4 Language Academy

- 12.4.1 Applied Linguistics
- 12.4.2 Corpus Linguistics
- 12.4.3 Digital Literacy
- 12.4.3 Forensic Linguistics
- 12.4.4 Linguistics
- 12.4.5 Literary Study
- 12.4.6 Professional Communication
- 12.4.7 Psycholinguistics
- 12.4.8 Social Semiotics
- 12.4.9 Translation/Translation Study

12.5 Raja Zarith Sofiah Centre for Advanced Studies on Islam, Science, and Civilization (RZS CASIS) - UTM Kuala Lumpur

12.5.1 Islamic Civilization (Education),

12.5.2 Islamic Science (History and Philosophy of Science)

12.5.3 Islamic Thought (Akidah)

13. FACULTY OF EDUCATIONAL SCIENCES AND TECHNOLOGY (FEST) - UTM JOHOR BAHRU

13.1 Advanced Technical and Vocational Educational and Training

- 13.1.1 Agrotechnology
- 13.1.2 Electrical (Renewable Energy)
- 13.1.3 Engineering Drawing / Computer Asisted Drawing
- 13.1.4 Entrepreneur
- 13.1.5 Mechanical (Aircond)
- 13.1.6 Mechanical (Electrical Vehicle)
- 13.1.7 Mechanical (Machining)
- 13.1.8 Product Design

13.2 Department of Advanced Learning Technology

- 13.2.1 Artificial Intelligence in Education
- 13.2.2 Learning Analytic
- 13.2.3 Multimedia Production
- 13.2.4 Programming

13.3 Innovative Science & Mathematic Education

- 13.3.1 Chemistry Education
- 13.3.2 Mathematics Education
- 13.3.3 Physic Education
- 13.3.4 STEM Education

13.4 Educational Studies and Behavioral Sciences

- 13.4.1 Curriculum and Instruction
- 13.4.2 Early Childhood Education
- 13.4.3 Education and Development
- 13.4.4 Educational Management and Administration
- 13.4.5 Educational Psychology
- 13.4.6 Inclusive Education
- 13.4.7 Measurement and Evaluation

13.4.8 Sports Science

13.4.9 Teaching English as a Second Language

13.4.10 Virtual Counselling