

Open Faculty Positions at the Graduate School of Informatics, Middle East Technical University

Graduate School of Informatics, Middle East Technical University (METU) is seeking new faculty members for several Assistant Professor (*Doktor Öğretim Üyesi*) positions to start in the Fall semester (October 2023) at the latest*. The interests of candidates may cover a wide range of topics related to

- Information Systems: Topics including but not limited to management information systems, IT management, software engineering, software management, software verification and validation, software architecture, computer networks, internet of things, cloud computing, high-performance computing, business analytics, decision sciences, digital transformation, human-computer interaction, spatial information systems.
- Data Informatics: Teaching and research on topics including but not limited to data engineering, databases, deep learning, visualization, responsible AI, trustworthy AI, data privacy, natural language understanding, information retrieval, computational social science, social networks, big data, data science for IoT and social media analytics.
- Multimedia Informatics: Teaching and research on topics including but not limited to audio signal processing, computer vision, deep learning, machine learning, natural language processing, game technologies, affective computing, immersive environments, extended reality, human-computer interaction, and visualization.
- Cyber Security: Teaching and research on topics including but not limited to embedded systems security, network security, mobile security, web application security, penetration testing, forensic analysis, cloud security, and malware analysis.
- Cognitive Science: Teaching postgraduate level in cognitive science or at least one of its related fields (computer science, linguistics, psychology, philosophy), and conducting modeling-based research and development work combining at least two of the following fields (or ones closely related to these): Artificial intelligence/machine learning, big data processing, computational linguistics, computational ontology, formal logic, cognitive psychology, cognitive neuroscience, social cognition, embodied cognition and cognitive anthropology.)
- Health Informatics: Outstanding researchers from interdisciplinary backgrounds such as neurosciences, biomedicine, and engineering interested in working in the fields of translational neuroimaging, non-invasive brain stimulation, advanced neurophysiology and computational neuroscience, bioinformatics, and clinical informatics are welcome to apply.

*The applications will be accepted until the positions are filled. The final appointment is subject to the approval of the university and the Council of Higher Education (YÖK).

REQUIREMENTS:

The successful candidate should satisfy METU's lecturers' appointment and promotion criteria (<https://pdb.metu.edu.tr/tr/ogretim-uyesi-atama-ve-yukseltme-kriterleri>) and

1. Hold a Ph.D. degree from a university approved by the inter-university committee (ÜAK) of the higher education council of Turkey (YÖK).
2. Have a strong research track record (commensurate with the level of their academic experience) as demonstrated by journal and conference publications in top-tier journals and conferences, respectively.
3. Have experience in writing research grant applications and preferably have demonstrated their ability to secure research grants.
4. Preferably have some teaching and supervisory experience
5. Preferably have some experience with interdisciplinary research.

RESPONSIBILITIES:

1. Carrying out world-class research and publishing in prestigious journals,
2. Teaching graduate-level courses,
3. Supervising graduate students at M.Sc. and Ph.D. levels,
4. Participation in institutional and departmental boards and committees and contributing to their activities (such as cross-cutting training activities for doctoral students),
5. Writing national (e.g., TÜBİTAK) and international (e.g., bilateral calls, EU Horizon Europe) grant applications,
6. Securing funds for and establishing a research laboratory of their own.

BENEFITS:

1. Support for academic entrepreneurial activities via METU Technology Transfer Office
2. Opportunity to act as a consultant to companies in METU Technopolis, which is the largest university research park in Turkey
3. Start-up research grants for new faculty members
4. Heavily subsidized in-campus accommodation for quinquennial periods
5. Discounted admissions for children of METU staff to the in-campus kindergarten and METU Development Foundation Private School, which provides education from pre-school to high school levels.

APPLICATION PROCEDURE:

The applicant is required to send the following documents via e-mail to Ms. Sibel Gülnar (gulnar@metu.edu.tr):

- Up-to-date CV
- List of publications (Please show WoS quartiles of the journals as Q1, Q2, etc.)
- Letter of intent on research and teaching interests

Reference letters will be requested upon candidates' shortlisting.

ABOUT GRADUATE SCHOOL OF INFORMATICS

The Graduate School of Informatics at Middle East Technical University was established in 1996 as the first of its kind in Turkey. It conducts interdisciplinary research and currently has six departments offering twelve graduate-level programs. It has 27 full-time faculties and more than 600 students. There is a strong connection and collaboration between the departments at the institute. It is also well-known for its strong relationship with the industry and the METU Technopolis area. The institute accepts top-ranked students from a variety of backgrounds.

Website: <http://ii.metu.edu.tr>

ABOUT METU

Middle East Technical University (METU), founded in 1956, is an international research university seeking excellence in serving the country, region, and world. This well-deserved reputation is partly a reflection of its leading position in international scientific publications and share of research funds from national scientific research funding agencies, primarily The Scientific and Technological Research Council of Turkey (TÜBİTAK), among the most prominent universities of Turkey. Moreover, METU –an international research-intensive university – is among the leading universities in Turkey regarding the depth and breadth of international research projects and the number of funds generated from research activities. Research revenues account for 20-25% of annual METU expenditures, including all payroll costs.

METU has actively participated in and managed various projects under the Instrument for Pre-Accession Assistance (IPA), especially the Framework Programmes (FP) and other international projects, such as COST, Erasmus, Newton-Katip Çelebi Fund, etc. In this context, as of February 13, 2020, METU has 369 international projects (either signed or in the Grant Agreement phase) with a total budget of 851 M€ and METU's share of 56 M€. Among these projects, 184 are supported by the EU Framework Programmes with a total budget of 763 M€ within which METU's share of 42.5 M€ while 185 of METU's international projects are funded by other programs such as Erasmus, GCRF, and the US Embassy with a total budget of 90M€ and METU's share of nearly 13 M€.

Regarding national R&D projects, where TÜBİTAK is the leading funding agency, METU has a prominent position amongst Turkish universities with 1100+ funded projects having a total budget greater than 500 MTL (approx. 80 M€ with January 2020 conversion rates). At any given time, METU has approximately 400 R&D projects nationally funded by TÜBİTAK and various ministries and 60 R&D projects internationally sponsored, mainly by the EU Research and Innovation Framework Programmes. This record of accomplishment translates into METU bringing in about 9% of the FP-sourced research funds acquired by Turkey until now.

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