



DOÇ. DR. MUHARREM TUNCAY GENÇOĞLU

FIRAT UNIVERSITY DEPARTMENT OF  
ECOINFORMATICS

#### FACULTY MEMBER

Born in Elazığ, Gençoğlu completed his undergraduate education in the Mathematics Department of Firat University and was appointed as a research assistant in the same department. He completed his master's degree with his work on Time Series Analysis. He worked as a manager and entrepreneur in various levels in the private sector for many years, and in the meantime, he graduated from ITU Mathematics Engineering, Firat University Applied Mathematics Department PhD program and Texas A&M Computer Engineering (Online). He worked as a researcher in the Distributed Artificial Intelligence Laboratory of Berlin Technical University. He received the Red Medal Award from the Azerbaijan Turkish World Research International Science Center in 2004. Gençoğlu, a faculty member in the Eco-Informatics Department of Firat University, teaches the courses Fundamentals of Cryptology, Information Security and Cyber Security, Computer Systems and Security. He taught the Cyber Warfare and Information Systems Security course at the National Defense University, Military Academy, Department of Defense Management, the Discrete Mathematics course at the Alparslan Defense Sciences Institute (OBİ), and the Cyber Security and Defense Policies, Strategies and Law course at Ahmet Yesevi University (TÜRTEP) (Continuing).

He has taken part in many national and international projects as an executive and researcher, and was awarded the 2023 Academician Contributing to the Cyber Security Ecosystem award with his TÜBİTAK project. He is a member of the COST Axioms expert group and serves in 3 separate COST axioms. He is also a member of the North Atlantic Defense Innovation Accelerator (DIANA) expert and mentor group. The project titled "Distributed Intelligence for Enhancing Security and Privacy of Decentralized and Distributed Systems" (one of the 8 projects supported in Europe) that he co-led within the scope of the European Union CHIST-ERA call with France, Spain and Finland continues. He served as the Chairman of the Board of Directors of TEB Eğt. Hiz. Ltd. Şti., Founding Chairman of Aydınlar Ocağı, Member of the Board of Directors of MÜSİAD, Head of the Department of Computer Technologies at Firat University, Member of the Cyber Defense Commission, Deputy Director of Technical Sciences Vocational School and President of the Quality Commission. Gençoğlu, who continues his studies in the fields of Cryptography, Cryptanalysis, Blockchain, Cyber Security, Cyber Intelligence, Social Media Intelligence, Quantum Theory, Quantum Cryptography and Applied Mathematics and has 3 published books, 7 book chapters, and over 30 papers and articles;

Doç. Dr. Gençoğlu is a member of

- the Council of Higher Education Cyber Security Working Group,
- Information Security Association,
- International Association for Cryptologic Research,
- American Association for Artificial Intelligent (AAAI),
- Azerbaijan Cyber Security Organizations Association,
- VECTOR Turkish World Research International Academy of Sciences,
- Blockchain Turkey,
- IEEE Blockchain TR,
- AFCEA Turkey.