

Nazim Mahmudov (FACULTY MEMBER)

Area:	MATHEMATICS – ANALYSIS
Phone:	+90 392 630 1004
E-Mail:	Nazim.mahmudov@emu.edu.tr
Online Research Profiles	https://scholar.google.com.tr/citations?user=7RFjKZgAAAAJ&hl=tr&oi=ao https://orcid.org/my-orcid?orcid=0000-0003-3943-1732 https://www.scopus.com/authid/detail.uri?authorId=6602720278 https://www.webofscience.com/wos/author/record/G-4029-2013
Research Area Keywords	<ul style="list-style-type: none">➤ Stochastic Analysis/Differential Equations➤ Delay Differential equations➤ Optimal Control➤ Controllability Theory➤ Positive Linear Operators
Recent Supervised Theses / Projects	<p>Ph.D. Theses:</p> <ol style="list-style-type: none">1) Fractional Differential Equations with Sonine Kernels – Yildiz Güzoğlu Yücel (2025).2) Collocation Method for Solving Problems of Generalized Fractional Bagley-Torvik Equation. – Mthema James (2025).3) Nonlinear Impulsive Delayed Langevin Equation with Mixed Derivatives – Gülbahar Akgün (2024).4) Fractional Differential Equations: An Approximate Series Form Solution – Mishael Ali Awuya (2023).5) On Langevin Type of Fractional Time-Delay Differential Equation – Mustafa Aydin (2023). <p>M.Sc. Theses:</p> <ol style="list-style-type: none">1) On q-Analogue and (p,q)-Analogue of Gamma and Beta Functions – Areen Al-Khateeb (2017).2) Riemann-Liouville Type Fractional Differential Equations – Reger Ibrahim (2016).3) Adomian's Decomposition of Multi-Order Fractional Differential Equations –Gvenga Ojo (2016). <p>BAP-C Projects:</p> <ol style="list-style-type: none">1) “ Stability of Fractional Impulsive Nonlinear Delay System ” (2020)2) “ Collocation method for the solution of fractional boundary value problems of generalized Bagley-Torvik equation ” (2023)