

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MATHEMATICS

MS IN APPLIED MATHEMATICS

PROPOSED SCHEDULE OF FALL SEMESTER 2025 THESIS EXAMINATION

MT-5002 THESIS

(Evening & Weekend)

Date: 24-10-2025

S. No.	Date	Day	Timings	Thesis Code	Thesis Title
1	08-12-2025	Monday	10:00 hrs. To 10:30 hrs.	MT-5002	Efficient Traffic Management in Karachi Using Hybrid Fermatean Fuzzy Multi-Criteria Decision Making (MCDM) Approach
2			10:30 hrs. To 11:00 hrs.	MT-5002	Transformation of Multi-Criteria Root Assessment Method (RAM) Under Fermatean Fuzzy Framework: An Application to Textile Sustainability Development
3			11:00 hrs. To 11:30 hrs.	MT-5002	Pythagorean Fuzzy Framework for Multi-Criteria Housing Assessments for Low-Income Families
4			11:30 hrs. To 12:00 hrs.	MT-5002	Two Dimensional Black – Sholes Time Fractional Order Non – Linear Partial Differential Equation for put options, Consist of Two Stocks by using Analytical and Numerical Solutions
5			12:00 hrs. To 12:30 hrs.	MT-5002	Survival Analysis of Cancer Patients and Evaluating Efficiency of New Medication on Them
6			12:30 hrs. To 13:00 hrs.	MT-5002	Evaluating the Impact of Teaching Methods Using Statistical Methods
7			14:00 hrs. To 14:30 hrs.	MT-5002	Network Analysis and Community Detection Methods on Large Data Set
8			14:30 hrs. To 15:00 hrs.	MT-5002	Analyzing Student Learning Patterns Through Social Network Analysis Techniques
9			15:00 hrs. To 15:30 hrs.	MT-5002	Fuzzy Computational Mathematics and Physics of Community Detection
10	18-12-2025	Thursday	10:00 hrs. To 10:30 hrs.	MT-5002	Optimizing Transportation Network Through Social Network Analysis Techniques
11			10:30 hrs. To 11:00 hrs.	MT-5002	Optimizing Diabetes Care and Prediction Using Machine Learning
12			11:00 hrs. To 11:30 hrs.	MT-5002	Computational Framework for Analyzing Complex Networks Using a gravity Centrality Measure
13			11:30 hrs. To 12:00 hrs.	MT-5002	Student Satisfaction Analysis Through Opinion Mining Techniques: A Path to Improved Academic Outcomes
14			12:00 hrs. To 12:30 hrs.	MT-5002	Comparative Study of Modified RSA Algorithms for Key Security
15			12:30 hrs. To 13:00 hrs.	MT-5002	Social Graphical Analysis low income housing

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