

1. Name: **Dr. Ahmad Falih Mahmood**

2. Education

- Ph.D in Computer Networks, University of Mosul, Iraq, 2018
- M.Sc in Electronics and Communication Engineering, University of Mosul, Iraq, 1992
- B.Sc in Electrical Engineering, University of Mosul, Iraq, 1986

3. Academic Experience

- Assistant Professor, Department of Computer Techniques Engineering, Northern Technical University (NTU), Iraq (Full-time)
- Teaching undergraduate courses in:
 - Computer Networks
 - Microprocessors
 - Communication Systems
- Head of Branch: Computer Communication and Networks
- Previous academic experience in technical institutes and universities including teaching and research roles in networking and communication systems

4. Non-Academic Experience :N/A

5. Certifications or Professional Registrations

- Advanced training in Mobile Communications (Cairo, Egypt, 2010)

6. Current Membership in Professional Organizations :N/A

7. Honors and Awards :N/A

8. Service Activities

- Head of Branch – Computer Communication and Networks
- Participation in departmental academic committees
- Contribution to curriculum development and academic supervision
- Involvement in student training and laboratory supervision

9. Selected Publications and Presentations (Last 5 Years)

1. Analyzing Power Plant Data Using Artificial Intelligence to Enhance Maintenance Strategy
 - NTU Journal for Renewable Energy, 2025
 - DOI: 10.56286/ntujre.v9i1

2. Developments in Optical Fiber Network Fault Detection Methods: An Extensive Analysis
 - International Journal of Computing and Digital Systems, 2024
 - DOI: 10.12785/ijcnds/1571111230

10. Recent Professional Development Activities

- Participation in scientific conferences and workshops
- Continuous academic involvement in teaching and research supervision
- Contribution to departmental development activities