

1. Name: Ayhan Ahmed Khalil

2. Education

- B.Sc in Mathematical Sciences, University of Mosul, Iraq, 2001
- M.Sc in Graph Theory, University of Mosul, Iraq, 2004

3. Academic Experience

- Lecturer, Department of Computer Techniques Engineering, Northern Technical University (NTU), Iraq
- Teaching undergraduate courses in:
 - Mathematics
 - Engineering Mathematics
 - Applied Mathematics
 - Numerical Analysis (practical part)

4. Non-Academic Experience: N/A

5. Certifications or Professional Registrations: N/A

6. Current Membership in Professional Organizations: N/A

7. Honors and Awards: N/A

8. Service Activities

- Participation in teaching and academic duties within the department
- Contribution to mathematics curriculum delivery for engineering students

9. Selected Publications and Presentations (Last 5 Years)

- On the Domination Numbers of Certain Prism Graphs
- A Study of Graph Theory Applications in IT Security
- A Review on the Relationship between Computer Engineering, Discrete Mathematics and Graph Theory
- Teleworking Between Reality Challenges and Future Aspirations
- Total published research: **9 papers**
- Conferences and seminars: **1**
- Research field:
 - Graph Theory
 - Discrete Mathematics Applications in Computing

10. Recent Professional Development Activities

- Participation in academic teaching activities in mathematics for engineering programs
- Engagement in departmental educational and curriculum support activities