



Northern Technical University/Technical Engineering College for  
Computer and Artificial Intelligence



**Personal Information**

Full name	Ayhan Ahmed Khaleel
Scientific title	lecturer
employment position	Teaching Staff Member
Department	Computer Engineering Techniques
Branch	-----
E-mail	<a href="mailto:ay_ahmed@ntu.edu.iq">ay_ahmed@ntu.edu.iq</a>

Teaching Staff Member

**Academic Degrees:**

University	Academic Degree	date of the Degree	Specialization	Country
MOSUL	Bachelors	2001	Mathematical science	IRAQ
MOSUL	Masters	2004	Graph theory	IRAQ

**Teaching Experience**

Undergraduate studies	Mathematics, engineering mathematics, applied mathematics, engineering analyzes practical part
Graduate Studies	

## Research and Scientific Activity

No. of published researches	9
Conferences and seminars	1
Membership in scientific and professional societies and publishing houses	

### Profiles

 <a href="#">Google Scholar Profile</a>	<a href="https://scholar.google.com/citations?hl=ar&amp;user=Gp9sKcwAAAAJ">https://scholar.google.com/citations?hl=ar&amp;user=Gp9sKcwAAAAJ</a>
 <a href="#">Researchgate Profile</a>	<a href="https://www.researchgate.net/profile/Ayhan-Ahmed-Al-Shumam/research">https://www.researchgate.net/profile/Ayhan-Ahmed-Al-Shumam/research</a>
 <a href="#">Publons Profile</a>	<a href="https://publons.com/researcher/1723842/ayhan-ahmed">https://publons.com/researcher/1723842/ayhan-ahmed</a>
 <a href="#">ORCID ID</a>	<a href="https://orcid.org/0000-0002-9385-1087">https://orcid.org/0000-0002-9385-1087</a>
 <a href="#">Scopus</a>	<a href="https://www.scopus.com/authid/detail.uri?authorId=57219708443">https://www.scopus.com/authid/detail.uri?authorId=57219708443</a>

## Scientific and Research Interests:

Graph theory, Graph theory Applications

	Research Link	Research Title
2022	<a href="https://doi.org/10.25130/tjps.v27i1.85">https://doi.org/10.25130/tjps.v27i1.85</a>	<u>On the Domination Numbers of Certain Prism Graphs</u>
2020	<a href="https://doi.org/10.24996/ijs.2020.61.10.28">https://doi.org/10.24996/ijs.2020.61.10.28</a>	<u>A study of graph theory applications in it security</u>
2020	<a href="http://dx.doi.org/10.25130/tjes.27.3.05">http://dx.doi.org/10.25130/tjes.27.3.05</a>	<u>A review on the relationship between computer engineering, discrete-math and graph theory</u>
2020	<a href="https://www.iasj.net/iasj/article/209353">https://www.iasj.net/iasj/article/209353</a>	<u>Teleworking Between Reality Challenges and Future Aspirations</u>
2019	<a href="https://www.iasj.net/iasj/article/175551">https://www.iasj.net/iasj/article/175551</a>	<u>Difficulties Facing the Students of the Third Grade of Computer Engineering Technology in the Subject of Engineering Analysis</u>
2012	<a href="https://www.iasj.net/iasj/article/44837">https://www.iasj.net/iasj/article/44837</a>	<u>On the Independent, Restrained, Total and Connected Domination Number of Musical Graphs</u>
2011	<a href="https://www.iasj.net/iasj/article/58719">https://www.iasj.net/iasj/article/58719</a>	<u>Determination and testing the Domination Numbers of Helm Graph, Web graph and Levi Graph Using MATLAB</u>
2010	<a href="https://www.iasj.net/iasj/article/7416">https://www.iasj.net/iasj/article/7416</a>	<u>Determination and Testing the Domination Numbers of Tadpole Graph, Book Graph and Stacked Book Graph Using MATLAB</u>
2007	<a href="https://edusj.mosuljournals.com/article_5777_43fccca1399ca0a2c25a1c14745f685f3.pdf">https://edusj.mosuljournals.com/article_5777_43fccca1399ca0a2c25a1c14745f685f3.pdf</a>	<u>UPPER AND LOWER BOUNDS OF THE BASIS NUMBER OF KRONECKER PRODUCT OF A WHEEL WITH A PATH AND A CYCLE</u>