




## Curriculum vitae

Full Name	Prof. Dr. Ziyad Tariq Mustafa Al-Ta'i			
Date of Birth	29/5/1964			
Social Status	Married			
E-mail	ziyad1964Tariq@uodiyala.edu.iq			
Mobile	07705352548			
Academic Achievement	Ph.D			
The scientific Title	Professor			
Scientific Department	Computer Science			
BSC	Electrical Engineering (1987)	College of Engineering	Baghdad University	
Masters	Computer Science (1994)	University of Technology	University of Technology	
PhD	Computer Science and Information Systems (2002)	University of Technology	University of Technology	
Workplace	University of Diyala - College of Sciences			
Research areas	Network Security-Artificial Intelligence-Computer Networks			
Research's	Comparison between PSO and Firefly Algorithms in Fingerprint Authentication			
	Development of Multilayer New Covert Audio Cryptographic Model			
	Simulation of New Covert Audio Cryptographic Model			
	IMAGE STEGANOGRAPHY BASED THE BEHAVIOR OF PARTICLE SWARM OPTIMIZATION.			
	Q-NTRU Cryptosystem for IoT Applications			
	Image steganography between Firefly and PSO Algorithms			
	Comparison between PSO and HPSO in Image			



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	<b>Steganography</b>
	<b>Features extraction of fingerprints using firefly algorithm</b>
	<b>Heart Disease Prediction System Using Optimization Techniques</b>
	<b>Enhancing Protocol Steganography Using Firefly Algorithm</b>
	<b>Off-line signature identification using moment algorithm</b>
	<b>Car Surveillance Video Summarization Based On Car Plate Detection</b>
	<b>Improved RC6 Algorithm using Two Types of Chaos Maps Using Magic Cube and a Modified LSB for Audio Steganography</b>
	<b>Feature Selection using Hybrid Dragonfly Algorithm in a Heart Disease Predication System</b>
	<b>Comparison Between Bat Algorithm and Harmony Algorithm using Retina Authentication</b>
	<b>An Enhancement of LSB Audio Steganography Using Magic Cube</b>
	<b>Cipher System using Artificial Bees Colony Algorithm</b>
	<b>Packet Steganography Using IP ID</b>
	<b>Effect of Communication Channel on Transferred Data</b>
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	<b>Others</b>
<b>Scientific expertise</b>	



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### Practical Experience:

- 1- Design and Implementation of different LANs.
- 2- Design different network security softwares.
- 3- Design and Implementation of different wireless Networks.

### Academic Experience:

- 1- Lecturer at University of Technology and Baghdad University for 5 years, teaching the following subjects: Computer security, Computer Networks, and Information Technology.
- 2- Lecturer at University of Taiz – Republic of Yemen for 1 year, teaching the following subjects: Computer security, Computer Networks, Computer Graphics and Computer Architecture.
- 3- Lecturer at Al-Ma'moon College University for 6 years, teaching the following subjects: Intelligent Systems, Data Structures, and Internet Technology, and Information Theory.
- 4- Head of computer science Department University of Diyala for 5 years.