

CURRICULUM VITAE

Full Name: **Tahseen Hussein Mubark**
Nationality: **Iraqi**
Marital Status: **Married**
Present Position: **Dean and Assistant Professor,
College of Sciences, Diyala,
University, Diyala, Iraq**



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Qualifications:

Ph.D.	Solid State Physics , University of Technology, Baghdad, Iraq, 2003.
M.Sc.	Laser Science , University of Technology, Baghdad, Iraq, 1994.
B. Sc.	Physics , College of Science, University of Baghdad, Iraq, 1987.

Professional Experience:

- Assistant Lecturer, Department of Applied Sciences, University of Technology, Baghdad, Iraq. 1994-1997.
- Assistant Lecturer, Technical Institute, Baquba, Diyala, Iraq (1997).
- Assistant Lecturer, Department of Applied Sciences /Applied Physics, University of Technology, Baghdad, Iraq. 2002-2003.
- April 2009 – Promoted to Assistant Professor, Department of Physics, Diyala University, Diyala, Iraq.
- July 2011-Present: Dean of the College of Sciences, Diyala University, Diyala, Iraq.

Brief Overview:

Over the course of my academic career, I have produced a substantial number of quality research outcomes. The following is a list of the most significant of my research outcomes and achievements:

- Published **more than 20** peer-reviewed journal papers in various National and International journals.
- Authored a book entitled “Practical Applications of Laser”. In Press.
- Authored a book entitled “Three-Dimensional Design using 3DS MAX 2012 Program”. In Press.
- Acted as an external examiner for 39 postgraduate students up to the level of Ph.D.
- I have successfully supervised **17** Masters students at Diyala University, Diyala, Iraq.
- Currently, I am supervising 5 Master and one Ph.D. students at Diyala University, Diyala, Iraq.

Research Areas and Interests:

1. Solid State Physics.
2. Magnetic Materials (Ferrites)
3. Thin Films (Solar Cells, Electronic Devices).

Honours/Distinctions/Membership of societies:

- Member of the Editorial Board of two National Journals (Diyala Journal of Pure Sciences and Journal of Marketing Research and Customer Protection).
- Reviewer of the following journals:
 1. Science and Technology (University of Technology, Baghdad, Iraq).
 2. Basic Education Journal (Diyala University, Diyala, Iraq).
 3. Diyala Journal of Pure Sciences (Diyala University, Diyala, Iraq).
 4. Garmyan Journal of Science.
 5. Tikrit Journal of Science.
 6. Journal of Marketing Research and Customer Protection.
- Member of the Iraqi Society of Physics and Mathematics since 1987.
- Chairman of the Quality Control Counsel and Performance Evaluation, College of

Sciences, Diyala University, Diyala, Iraq.

- Have granted three appreciation certificates from His Excellency the Minister of Higher Education and Scientific Research, Iraq.
- Have granted one appreciation certificate from the President of the University of Diyala, Diyala, Iraq.

Courses and Workshops attended

1. Teaching Methods Course within Delphi program and under the supervision of Reading University, UK. Amman, Jordan.
2. The development of education in the UK and discussion of the Memorandum of Understanding between Reading University and the University of Diyala and the evaluation of the cooperation program (Delphi / Iraq). Reading University, UK.
3. Nonlinear School for the Optic dynamics and their applications. National Institute of Optics / Florence / Italy.
4. A course in statistics and how to use SPSS program. Department of Mathematics, College of Sciences, Diyala University, Diyala, Iraq.
5. Workshop on how to run Atomic Absorption Device. Department of Chemistry, College of Sciences, Diyala University, Diyala, Iraq.
6. Course on FTIR spectrophotometer device and its applications in the physical measurements. Department of Physics, College of Sciences, Diyala University, Diyala, Iraq.

Courses and workshops on Management and Leadership

1. The Supreme Active Administrative Leadership Course. Presidency of Diyala University / Development and Continuing Education Center. 20-24 November, 2011.
2. Managerial skills for Senior leaderships. The National Centre for Management Development and Information Technology, and the Ministry of Planning / Iraq. 29 January to 9 February, 2012.
3. The principles of modern management Course. Presidency of Diyala University / Development and Continuing Education Center. 17-21 April, 2016.

4. Course on quality assurance and the development of the framework of the quality of higher education in Iraq. UNESCO, Iraq Office / Erbil. 18-21 May, 2016.

Previous and Current Teaching:

Classic Mechanic, Laser principles & Application, Statistic, Properties of matter, Solid state physics, Quantum Mechanic, Material science

Scientific Publications:

No, Issue, year of Publication	Name of Journal	Paper title	No
N0 22 2006	Al-Fatih Journal, College of Basic Science	Manufacturing of high frequency core from Ni ferrite	1
Vol.9 No.3 July2013	Diyala journal for pure science	Effect of thickness variation on the optical properties of PVA:Ni(CH ₃ COO) ₂ films	2
No 3 2012	College of education journal, University of Al-Mustansiriya	The effect of annealing on some optical characteristics of (CdO:Ag ₂ O) films Prepared by spray pyrolysis.	3
Issue 77 October 2012	American Journal of scientific research	Study characterization of copper oxide Nanoparticles prepared by chemical method using x-ray diffraction and scanning electron microscope.	4
Vol. 9 Issue 5 2013	Material science An Indian Journal	Impact of dilution gases on structure properties and growth of Hydrogenated Nanocrystalline silicon (Nc-Si:H) prepared by HW-CVD method.	5
Vol. 9 No.1 January 2013	Diyala journal for pure science	Effect of Zn substitution on the structural properties of cobalt ferrite nanoparticles prepared Via Sol-Gel Route	6
Vol.685 (2013) pp 19-23	Advanced materials research III /Trans Tech publication<Switzerland	Using x-ray diffraction and scanning electron microscope to study zinc oxide nanoparticles prepared by wet chemical method.	7
Vol.6 (04), pp 6213- 6217 2014	International Journal of Current Research	Preparation of Barium Ferrite Nano Particles in Ethanol/Water Media and Study of Physical Properties	8
v.685 Lo 22 2013	American journal of scientific research	Preparation of Pd/γ-Al ₂ O ₃ Nanocatalyst and Characterization by X-Ray Diffraction and Transmission Electron Microscope	9

Vol. 3 ISSU: 10 2014	International Journal of Innovative Research in Science, Engineering and Technology	Effect of Temperature on Structural and Electrical Properties of Bismuth Ferrite Nanoparticles Prepared By Sol Gel Method	10
2014	IMS/7 INTERNATIONAL CONFERENCE ON ADVANCES IN ENGINEERING MATERIALS	Synthesis, Characterization and Studying of Structural and Electrical Properties of nano γ -Al ₂ O ₃ of Multiple Uses	11
Vol.6 issu,04 pp.6213-6217 April,2014	International Journal of Current Research	PREPARATION OF BARIUM FERRITE NANO PARTICLES IN ETHANOL/WATER MEDIA AND STUDY OF ITS PHYSICAL PROPERTIES	12
2014	Diyala Journal for Pure Science	Structural and ferroelectric properties of Sr-doped BiFeO ₃ Ferrites (Bi _{1-x} Sr _x FeO ₃)	13
Vol.160, Issue.4 April,2016	SYLWAN polish scientific journal Warszawa poland	Synthesis, Structural and Optical Characterization of Methyl Violet Doped Poly Vinyl Alcohol Films	14
Vol. 12 No. 2 March- April 2016 p. 95-102	Journal of Ovonic Research	NEW STUDIES OF PHYSICAL PROPERTIES OF FUNCTIONALIZED SINGLE WALL CARBON NANOTUBES BASED HYBRID PHOTOVOLTAIC CELLS	15