

# Lecture Tawfik s mahdi



Department of Medical Optometry Techniques

PhD in laser physics and electro-optics

Email: [dr.tawfik.saleh@alfarabiuc.edu.iq](mailto:dr.tawfik.saleh@alfarabiuc.edu.iq)

## Education:

PhD, University of Baghdad, Year 2020

MSc, University of Baghdad, Year 2015

BSc, University of Mustansiriyah, Year 2005

## Profile:

Teaching within the faculty of Al-Farabi College since 9/11/2020.

## Teaching

Refractive Errors1 (third stage)/ theoretical.

Medical physics lab.

## Research Focus

Laser application and development.

## Publications

- 1- Photoluminescence analysis for terbium  $\beta$ -diketonate complex-based silica xerogel matrices
- 2- Effect depositions parameters on the characteristics of Ni<sub>0.5</sub>Co<sub>0.5</sub>Fe<sub>2</sub>O<sub>4</sub> nanocomposite films prepared by DC reactive magnetron Co-Sputtering technique
- 3- Breakdown and Langmuir Electrical Characteristics of Glow Discharge Plasma in DC Reactive Dual-Magnetron Sputtering System
- 4- Spectroscopic Investigation of Terbium  $\beta$ -diketonate Complex Linked to Silica Sol-Gel Matrix

## **5- Concentration influence on the photoluminesces properties of terbium complexes with $\beta$ -diketonate doped PMMA polymer**

**Affiliations/Activities**

**Nothing.**