***Personal Details:***

***Name*** **Mohammed Fadil Abbas**

***Date of Birth*** may18, 1985

***Place of Birth*** Baghdad, Iraq

***Nationality*** Iraqi

***Gender*** Male

***Marital Status*** married

***Contact Information:***

***Home Address:*** H. 17, Str. 27, Dist. 727,

Bagdad Aljadeeda -Baghdad-Iraq,

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mohbestlaser@gmail.com

***Academic Qualifications:***

1. ***Universiti Putra Malaysia (UPM), Selangor, Malaysia. Sep. 2015 – Mar 2019***

PhD in Photonics Engineering

Structural, Thermal, Optical and Dielectric Studies on Rare Earth Ion-Doped Borate Glasses for Solid State Laser Application.

Supervisor: Prof. Gandham Lakshminarayana

Cumulative grade point average 3.75 (75-79) %

1. ***Al-Nahrain University, Baghdad, Iraq. Sep. 2007 – Mar 2011***

M.Sc. in laser and optoelectronics engineering

Thesis Title: Object Speed Measurement by Using Laser Technology*.*

Supervisor. Prof. Dr. Z. T. AL-Dahan

Average mark: 73.5%

Main Study Subjects: Advance Laser Design Technology, Infrared System Engineering, Advance Laser Physics, Vacuum Technology, Advance Laser Applications, Optical Signal Processing, Modern Control, Advance Non-Liner Optics, Power Electronics.

Language of Study: English

1. ***Al-Nahrain University, Baghdad, Iraq. Sep. 2003 – Sep. 2006***

B.Sc. in Laser and Optoelectronics Engineering

Average mark: 66.051%

Ranked the (10th) out of (23) graduates in the department

Main Study Subjects: Laser System, Communication Networks, Quantum Mechanics, Electromagnetic Field, computer aided design, spectroscopy, laser Physics, Gas Discharge, communication electronics, digital system design, optics, optical system engineering, Laser design technology, optical fiber and optical communication, wave propagation, laser application

Language of Study: English

***Employment History:***

1. ***AL-Zahran Company for medical engineering supplements AL-Nasiria- Iraq.******July 2006 - November 2009***

Position and Title: medical engineer installation and maintenance:

* Lithotripter ([Urological Table](https://pckhealthcare.fm.alibaba.com/product/11483863-10946877/Urological_Table.html?spm=a2700.icbuShop.89.16.3551993aEkySye))
* C-arm Mobile X-ray Imaging Systems
* LASIk

1. ***College of Engineering, Dijlah University, Baghdad, Iraq. Sep. 2011- Sep. 2015***

Position and Title: Academic Staff "Lecturer" in Computer Technique Engineering Department

Teaching experience:

* Engineering Drawing
* Electronics manufacturing
* CAD/CAM
* Advising Undergraduate students in final year projects.  ***Sep. 2011-2015***

1. ***College of information technology, Imam Ja'afar Al-Sadiq University. AL-Nasiria- Iraq. Oct. 2019***

* Position and Title: Head of Department in Computer Technique Engineering Department.

***Computer Skills:***

* + - * Operation System: Windows,
      * General Tools: MS Office Applications,
      * Design and simulation Tools: MATLAB, AutoCAD.

***Languages:***

* Arabic Native
* English Very Good

***Publication:***

1. Al-BFA Mohammed, Lakshminarayana, G., Baki, S. O., Halimah, M. K., Kityk, I. V., & Mahdi, M. A. “Structural, thermal, optical and dielectric studies of Dy3+: B2O3-ZnO-PbO-Na2O-CaO glasses for white LEDs application,” Optical Materials, vol. 73, pp. 686-694, 2017**.**
2. Al-BFA Mohammed, Lakshminarayana, G., Baki, S. O., Kh. A. Bashar, Kityk, I. V., & Mahdi, M. A. “Optical and dielectric studies for Tb3+/Sm3+ co-doped borate glasses for solid-state lighting applications,” Optical Materials, vol. 86, pp. 387-393, 2018.
3. Bashar, Kh A., G. Lakshminarayana, S. O. Baki, Al-BFA Mohammed, U. Caldiño, A.N. Meza-Rocha, Vijay Singh, I. V. Kityk, and M. A. Mahdi. “Tunable white light emission from Pr3+/Dy3+ co-doped B2O3-TeO2 PbO-ZnO Li2O-Na2O glasses,” Optical Materials, vol. 88, pp. 558-569, 2019.

***Training Courses:***

* + - * Teaching Methodologies, Technology University, Baghdad, Iraq. ***Oct. 2011***

**I declare that all the contents of my Curriculum Vitae are correct and I pledge to provide all certified documents upon request.**

(*Last update:* Dec. *2020*)