The curriculum Vitae

MOHAMMED JALAL ABDULRAZZAQ

Date of Birth:- 1974
Marital status: Married
Place of work: University of Technology/ Laser and Optoelectronics Eng. Dep.
Languages spoken: Arabic (Mother Language) + E-Language
Residents: Iraqi
Contact Mobile**:** +964 790 136 5621
mohameedjalal@gmail.com E-Mail:

Academic Record

B.Sc. in Electrical and Electronics Engineering (1997)
M.Sc. in laser technology (2002)
Ph.D. in Laser Engineering (2008)

Science degrees

Assistant lecturer
Senior lecturer
Assistant Professor
Professor

ACKNOWLEDGMENT

- A letter of appreciation by the Minister of Higher Education and Scientific Research.
- Letters of appreciation by the President of the University of Technology.
- Letters of appreciation by the head of Laser & Opto. Eng. Dep.
- Shield first conference of laser applications and advanced materials 16-18 / 12/2014.

Researches and Books

1. Researches:-

1. Degenerate Four-Wave Mixing Experiments in Rose Bengal Dye Doped Gelatin Film, Paper Presented at The 1st Regional Conference of Eng. Sci. NUCEJ Spatial ISSUE vol.11, No.1 2008 pp107-111, Iraq-Baghdad held in 5-6 Nov.2008.
2. Performance Analysis of Laser Diode Single-End-Pumped Solid State Laser, Journal of Babylon University/Pure and Applied Sciences/ No.(8)/ Vol.(20): 2012.
3. Simulation of thermal lensing in an end-pumped Nd:YAG laser rod with Gaussian and super-Gaussian pump beam profile, Iraqi Journal of Physics/University of Baghdad,Vol11, No.20, pp81-84 (2013).
4. Optical design of flattened single mode optical fiber utilizing temperature dependence refractive indices of different materials, Journal of Engineering and development, Vol.17, No.2,pp184-192(2013).

5. Design of GaN-based VCSEL with high performance, Optoelectronics and Advanced Materials-Rapid Communications, Vol.8, No.1-2, January-February 2014, p.7-9.

6. Simulation of Thermal Effects in Totally and Partially Pumped Solid-State Laser Rod with Side-Pumping Structure, Journal of Engineering and Technology, Vol(32) part (A), No.(3) 2014.

7. Gain Characteristics for C-Band Erbium Doped Fiber Amplifier Utilizing Single and Double-Pass Configurations: A Comparative Study, Journal of Engineering and Technology, Vol(32) part (A), No.(9) 2014.

2. Books:

Supervision for students in Laser and Optoelectronics:-

1. Analytical and Experimental estimation of Fracture Limits in Pulsed Solid State Laser, M.Sc. Thesis in laser engineering presented by Luma Hassan Salman (2014).
2. Monitoring Dynamic Behavior of Directly Modulated Semiconductor Laser Utilizing Optical Feedback, Thesis in laser engineering presented by Zainab Ali Khadim (2015).

Professional Memberships

Iraqi Laser Association
Iraqi Engineers Association

Any Activities:-