

Saudi Arabia
King Saud University
Faculty of Science
Department of Physics



CURRICULUM VITA

Dr. Norah Hamad Salem Al Onizan

Personal Data

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| First Name : | Norah |
| Middle Names : | Hamad |
| Family name : | Al-Onizan |
| Email address: | nalonizan@ksu.edu.sa |
| Office number : | +966 11 8556701 |
| Nationality : | Saudi |
| Present Job : | Assistant Professor Department of Physics and Astronomy King Saud University , Saudi Arabia |
| Languages: | Arabic (Mother language) English: Good writing and speaking. |
| Major: | General Physics. |
| Specialization | Optics quantity and spectra. |
| Degree | Doctorate |
| Position | Assistant Professor |



PROFESSIONAL EXPERIENCE

Assistant Professor in King Saud University on 1432 H

Assistant Professor in King Faisal University on 12/25/1429 H

Lecturer in King Faisal University on 1424 H

Demonstrator in science College on 1418 H

Doctoral Thesis: Four-Dimensional Spectral Fingerprinting of Crude Petroleum Oils Using Time-Resolved Laser-Induced Fluorescence.

Supervisor: Dr. Ezzat Mahmoud Hijazi
(Associate Professor, Department of Physics, Faculty of Science, King Fahd University of Petroleum and Minerals)

Debate 05/18/1428 H

Master's Thesis Application of Interference Methods of Scattered Laser Light for the Formation of Optical Finger-Print for Different Material and Measurement of Their Roughness

Supervisor: Dr. Hatem Mahmoud Ghandour (Professor, Department of Physics, Faculty of Science, Ain Shams University)

Debate 08/06/1423 H

Teaching Experience

1. Classical Mechanics
2. Vibrations and Waves.
3. Electromagnetic Theory.
4. General Physics (1) 'Mechanics'.
5. General Physics(2) 'Modern Physics'.



Training courses

- 1 - Workshop "Higher education for the girl."
- 2 - cycle of life skills.
- 3 - cycle of self-awareness and successful connection of the other (Diploma NLP)
- 4 - cycle skills of academic excellence.
- 5 - quality cycle "overall management.
- 6 - Design and construction of the course.
- 7 - learning theories.
- 8 - writing project proposals and research grants.
- 9 - Integrating technology in university teaching.

PUBLICATIONS

- 1- Walid Tawfik, Leda G Bousiakou, Rabia Qindeel, W A Farooq, Norah H Alonizan, Amal J Fatani. Trace analysis of heavy metals in groundwater samples using laser induced breakdown spectroscopy (LIBS)
- 2- Rabia Qindeel, Norah Alonizan, W. A. Farooq, M. R. Baig. Optical Band Gap Energy of Alpha and Laser Irradiated CN-85 Nuclear Track Detector. Journal of Current Nanoscience. Submitted 15 January, 2014.
- 3- Muhammad Afzal, Rabia Qindeel, Hafiz Muhibb Ullah Zulkafal and Norah Alonizan. The role of medical physics to diagnose head and neck cancer. World Journal of medical Science. (Accepted 21 October, 2013).
- 4- Nabil Ben Nessib, Norah Alonizan, Rabia Qindeel, Sylvie Sahal-Bréchet, Milan S. Dimitrijević. The OIV 1407.3 Ao /1401.1 Ao emission-line ratio in a plasma. Advances in Space Research. (Accepted 18 October 2013).