

**Full Name:** Dr. Ahmed Fadhil Hassoney Almurshedi

**Place of Birth:** Al-Samawa - Al-Muthanna - Iraq

**Date of Birth:** 19 / 01 / 1987

**Nationality:** Iraqi

**Language:** Arabic & English

**Place of work:** Physics Department, College of Science, Al-Muthanna University.

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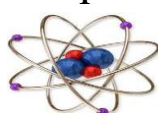


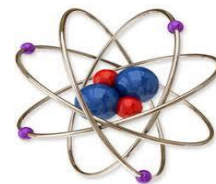
## ACADEMIC SCIENTIFIC RANK

- Lecturer (Medical Physics) from 22 / 11 / 2016.

## QUALIFICATION

- Ph.D. (Medical Physics), Universiti Teknologi Malaysia, Johor, Malaysia, (2015).
- M.Sc. (Medical Physics), Pune University, Pune, Maharashtra, India, (2010).
- B.Sc. (Physics), Al-Muthanna University, Al-Samawa, Al-Muthanna, IRAQ (2008).





**Title of the PhD Thesis**

**Decision Making and Puzzled Response Assessment Using Visual Evoked and Event Related Potentials**

**Title of the MSc Thesis**

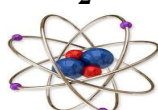
**Recording and Analysis of Electrooculogram EOG**

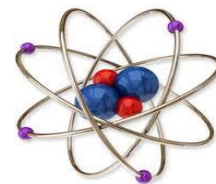
**POSITION HELD**

- 1- Lecturer-** Department of Medical Physics, College of Science, Al-Karkh University of Science, Baghdad, Iraq.
- 2- Assistant** Head of Medical Physics Department (2017-2018).
- 3- Lecturer-** Department of Physics, , College of Science, Al-Muthanna University, Al-Samawa, Al-Muthanna, Iraq.

**COURSES TAUGHT**

No.	Subject	Study Stage	Department
1	Mechanics I	First	Medical Physics
2	Mechanics II	First	Medical Physics
3	Mechanics Lab	First	Medical Physics
4	Electricity and Magnetism	First	Physics
5	Medical Physics	Fourth	Physics

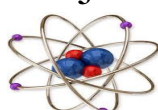


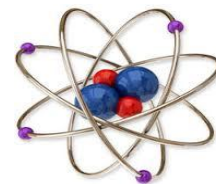


**PUBLICATIONS**

**PAPERS**

1	Visual evoked potentials (VEPs) decomposition and filtering based on discrete wavelet transformation, International Science Postgraduate Conference 2012 (ISPC 2012), (Conference Proceeding)
2	A criterion for signal based selection of optimal wavelet decomposition for visual evoked potential signals, 10th Regional Annual Fundamental Science Symposium 2012 (RAFSS 2012), (Conference Proceeding)
3	Orthogonal and Biorthogonal Wavelet Analysis of Visual Evoked Potentials, International Journal of Computer Applications (0975–8887) Volume 60, Issue 4, December 2012
4	Cross coherence independent component analysis in resting and action states EEG discrimination, 9th National Seminar on Medical Physics (NSMP 2014), Journal of Physics: Conference Series, Volume 546, Issue 1, article id. 012019 (2014) (Scopus and ISI)
5	Signal Refinement :Principle Component Analysis and Wavelet Transform of Visual Evoked Potentials, Research Journal of Applied Sciences, Engineering and Technology, Maxwell Scientific Publications, Volume 9, Issue 2 (2015), (Scopus)
6	Independent Component Analysis of EEG Dipole Source Localization in Resting and Action State of Brain, Perfik-2014, AIP Conf. Proc. 1657, 060002 (2015) (Scopus and ISI)
7	Measure Projection Analysis of VEP Localization Neuron Generator, International Conference on BioSignal Analysis, Processing and Systems 2015, ICBAPS2015, 978-1-4799-6879-4/15, IEEE, (Scopus and ISI)
8	Puzzle Response in Perceptual Decision Making: An ERP, Time-Frequency and Source Localization Analyses, Translational Neuroscience, (Accepted), (IF: 1.319)
9	Feature Extraction of Visual Evoked Potentials Using Wavelet Transform and Singular Value Decomposition, Iranian Journal of Medical Physics, Volume 15, Issue 4 (2018), (Scopus)
10	Neural Correlation of Maturity and Perceptual Decision Making: An Event Related Potential Evidence, Time-Frequency and Measure Projection Analysis, Neuroquantology, (2018), (Scopus and ISI)



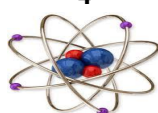


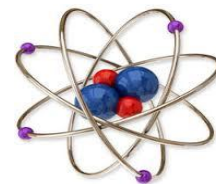
**CONFERENCES**

<b>CONFERENCES</b>	
1	International Science Postgraduate Conference Nov. 2012, Ibnu Sina Institute for Fundamental Science Studies, UTM (as a Presenter).
2	Regional Annual Fundamental Science Symposium (RAFSS), December 2012, Johor Bahru, Malaysia (as a Presenter).
3	9th National Seminar on Medical Physics NSMP, April 2014 Putrajaya Malaysia (as a Presenter).
4	National Physics Conference (PERFIK 2014), November 2014 Sunway Malaysia (as a Presenter).
5	International Conference on BioSignal Analysis, Processing and System (ICBAPS 2015), May 2015 Kuala Lumpur Malaysia (as a Presenter).
6	Participant in Turn-It-In Workshop on 26 February 2014, Organized by Postgraduate Student Society of UTM (UTM-PGSS in collaboration with School of Graduate Studies (SPS) Johor Bahru Malaysia.
7	UTM ISC International Student Activity Workshop which held on 4-6 January 2013 in collaboration with UTM International Student Center (UTM ISC) Universiti Teknologi Malaysia.
8	

**PROFESSIONAL MEMBERSHIP**

<b>MEMBERSHIP</b>	
1	IEEE Student Member 2015
2	Iraqi Medical Physics Society (IMPS)
3	





**JOURNAL REVIEWER**

<b>JOURNALS</b>	
1	Australasian Physical & Engineering Sciences in Medicine (Springer)
2	Biomedical Signal Processing and Control (Elsevier)
3	International Journal of Imaging Systems and Technology (Wiley)
4	International Journal of Systems Biology and Biomedical Technologies (IGI Global)
5	Journal of Neural Engineering (IOPscience)
6	ISTA'15 & ISTA'16 Conferences

