

CURRICULUM VITAE

Hana Taher Mousa Abobaker

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Motivation

An enthusiastic, adaptive and fast-learning person with a broad interest in Mathematical Modeling and develop new skills and solve problem Mathematics.

Education

- Bachelor School of Mathematic , Faculty of Science, University of Omar Almkhtar during 2003-2007, Libya.
- MSC , School of Mathematic , National University of Ireland Galway during 2015-2016.

Scholarship and Awards

- Libyan Ministry of Education Award for Academic Excellence 2018.
- Libyan Innovation Prize from the Natural Sciences and Technology Research 2019.
- Scholarship from Libyan Ministry of Education 2013.

Experience

- Assistant Teacher| Faculty of Education during 2012/2014.
Taught three Tutorial Mathematic including General Topology, Real Analysis, Numerical Analysis.

- Assistant Lecturer | College of Science during 2017- ongoing.
Supervised undergraduate research and Teaching more than 5 courses on Mathematic.

- Assistant Lecturer |College of Engineering during 2018/2019.
Taught two Mathematic sections including Linear Algebra and Differential Equations.

Skills

- extensive knowledge of standard office software: Matlab, Latex, Maple.
- Fair level of knowledge in SPSS.
- Languages: Arabic (mother tongue), English (fluent).
- Academic Writing Skills for Foreign Languages Speakers, University of Galway 2015.

Research Interests

- mathematical modeling to reconstruct damaged tissue.
- Mathematical Modeling, Analysis, and Simulation of Tumors.
- Mathematical modeling of infectious diseases(Sars, Ebola, covid-19).

Journal publications

- H. Abobaker, R.Ryan Winter (2017)" Modular Metric Space", Irish Mathematic Society, ISSN 0791-5578.

References

- **Prof. Ray Ryan**

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