CURRICULUM VITAE

PERSONAL INFORMATION

Name: Khadiga Abd Ulati Ben Mussa

Nationality: Libyan
Current post: Lecturer, University of Tripoli
Contact Address   Department of Mathematics
                                  Faculty of sciences
                                  University of Tripoli
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WORK EXPERIENCE

Jun 2020- to date   **Lecturer**
                                        Faculty of Science
                                     Mathematics Department

Oct 2015- Jun 2020   **Assistant Lecturer**
                                        Faculty of Science
                                     Mathematics Department

ACADEMIC/PROFESSIONAL PARTICULARS

(a) Field of Specialization: Applied Mathematics
(b) Academic Qualifications   MS in Applied Mathematics, 2014
                                   University of Tripoli

(e) Language Proficiency   Arabic

(c) Administrative Positions Held

- Head of the Registration and Admissions Department.

- Study and Examination Office (member of Committee)

- coordinator of Mathematical group, engineering Faculty (2015-2017)

b. Digital skills

- Good command in Excel, Microsoft word, Power Point
- Good command in Statistical Packages (SPSS, Origin Pro, Prism)
- Good command in Mathcad .
- Good command in Internet.

c. Commination skills	• Excellent communication skills gained through my career experience and academic life • Excellent communication skills with students and colleagues gained through my experience as staff member since 2001

TEACHING

(a) Summary of Courses Taught

- 2015 to date. Teaching undergraduate students Mathematic III (GS203), Tripoli University of Engineering, Tripoli, Libya.
- 2018 to date. Teaching undergraduate students Mathematic I,II (ITMM101 and ITMM102), Tripoli University of information technology, Tripoli, Libya.
- 2019 to date. Teaching undergraduate students Mathematic I,III (MA111 , MA206), to undergraduate students, Faculty of Science, Tripoli University. Tripoli, Libya.

(b) Research Students Supervised/Trained

- Undergraduate Students   (2)

List of Publications

REFEREED RESEARCH PAPERS

01. Rabia Alghazeer, Hussein El-Saltani, Sana Elghmasi, Nuri Awayn, **Khadiga Ben Mussa**, Fahima Massoudi. (2017). *In Vitro* Elucidation Free Radical Scavenging Activity of Flavonoids Extracted From Leaves and Flowers of *Arbutus Pavarii (Ericaceae)*. Academic Journal of Chemistry. Vol. 2, No. 6, pp: 42-55.

02. Mohammed S. Mechee, **Khadiga Ben Mussa** . . (2020). Generalzaion of RKM integrators for solving A class of Eighth-Order Ordinary Differential Equations with Applications .Advanced Mathematical Model and Applications Vol. 5, No. 1,2020, pp: 111-120.

03. Mohammed S. Mechee, Hazim M. Wali, **Khadiga Ben Mussa** . . (2020). Developed RKM Method for Solving Ninth-Order Ordinary Differential Equations with Applications. 1664 (2020) 012102.

04. MUNA TUBANI, **Khadiga Ben Mussa** .(2021). THE ROOTS OF THE ANALYTICTHETA FUNCTIONS FROM GENERALIZED THE WINDING NUMBERS. ISSN 2229 – 5046.

REFEREES

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