



إِفْتَدُ وَرَثَتَكَ الْأَخْرَى

Faculty Member Academic Biography

Personal data

Name	Dr. Mohammed Mahmood Salih		
Current academic rank	Lecturer		
Workplace	Information Technology	Academic department	Software
General specialization	Mathematics	Specialization	Numerical Analysis
E-mail	mohammed.salih@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
B.Sc.	University of Mosul	Iraq	Mathematics	1/7/2001
M.Sc.	University of Mosul	Iraq	Mathematics	23/12/2003
Ph.D.	Universiti Putra Malaysia	Malaysia	Mathematics	17/11/2016

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Assistant Lecturer	12/12/2005	University of Mosul
Lecturer	17/11/2016	University of Mosul

Practical experiences:

Time period		Employer	Job Title
from	to		
3/7/2023	4/1/2021	Information Technology	Deputy Dean for Administration

Scientific production (published/accepted for publication):

2014

1435

NINEVAH UNIVERSITY

جامعة نينوى

Research Title	Place of publication	Country of publication	Number	Vol	date of publication
Runge-Kutta methods of higher order for solving Stiff Problems	AL-Rafidayn Journal for Computer Sci.	Iraq	2	5	2008
Using Modified Runge-Kutta methods for solving Differential-Algebraic Equations	The Second Conference on Mathematical Sciences CMS'2008	Jordan	-	-	2008
Goeken-Johnson Sixth-Order Runge-Kutta Method	Education & Sci. Journal	Iraq	1	24	2011
Using Predictor-Corrector Methods for Solving Fuzzy Differential Equations	Discovering Mathematics	Malaysia	1	36	2014
Diagonally Implicit Runge-Kutta method of Order four with Minimum Phase-Lag for Solving First Order Linear ODEs	the 3rd International Conference on Mathematical Sciences (ICMS3) 2014	Malaysia	1602	1226	2014
Phase fitted Classical Runge-Kutta Method of order 4 for solving Oscillatory problems	Far East Journal of Mathematical Sciences (FJMS)	India	5	96	2015

Fifth Order Runge-Kutta-Nyström methods for solving Linear Second Order Oscillatory Problems	Far East Journal of Applied Mathematics (FJAM)	India	6	95	2016
Phase fitted and Amplification fitted of Runge-Kutta-Fehlberg Method of Order 4(5) for Solving Oscillatory Problems	Baghdad Science Journal (BSJ)	Iraq	2	17	2020
Construction of General Implicit-Block Method with Three-Points for Solving Seventh-Order Ordinary Differential Equations	Symmetry	Switzerland	14	1605	2022
Trigonometrically-fitted 4-step Predictor-Corrector method for solving ordinary differential equations with oscillatory solution	Malaysian Journal of Mathematical Sciences (MJMS)	Malaysia	4	16	2022

A Derivation of Multistep Implicit-Method with Third Derivative for Solving First-Order Ordinary Differential Equations	CAHIERS MAGELLANES-NS	France	2	6	2024
Proposed Method for Solving Quasi-Linear Fractional Partial Differential Equations Using α -Fractional Derivative	Journal of Computational Analysis and Applications	USA	7	33	2024

Conferences, scientific seminars and workshops in which I participated:

Research Title	Name of conference/seminar/workshop	Venue of the conference/seminar/workshop	Date

Published books

Book Title	Publishing Institution	Year of Publication	Number of pages

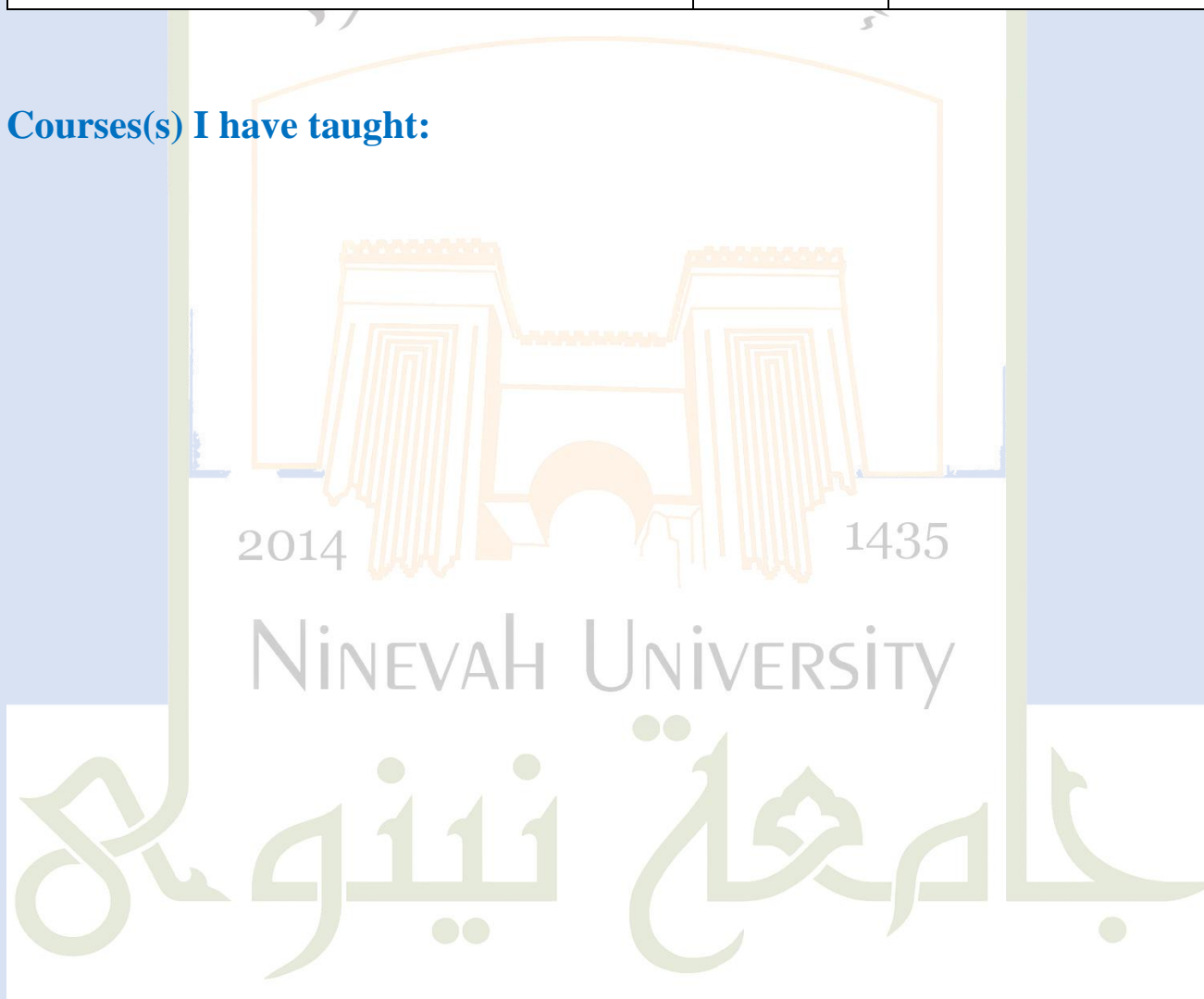
Awards obtained:

Name of the award	The award granting institution	Date

Patent:

Patent title	Registration Institution	Date

Courses(s) I have taught:



Course name (subject)	Academic year	University/ Institution
Numerical Analysis	2005	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2006	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2007	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2008	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2009	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2010	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2011	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2012	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2016	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
Numerical Analysis	2021	Ninevah University/College of Information Technology/Software Dept.

Numerical Analysis	2022	Ninevah University/College of Information Technology/Software Dept.
Numerical Analysis	2023	Ninevah University/College of Information Technology/Software Dept.
Numerical Analysis	2024	Ninevah University/College of Information Technology/Software Dept.
التفاضل والتكامل	2011	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
التفاضل والتكامل	2012	University of Mosul/College of Computer Sci. & Math/Computer Sci. Dept.
التفاضل والتكامل	2021	Ninevah University/College of Information Technology/Software Dept.

Note: This CV has been updated until 26/10 / 2024