

# Curriculum Vitae



## A- PERSONAL INFORMATION:

Sure Name	First Name	Mid Name	Date of birth					
Salih	Mohammed	Mahmood	Day	Month	Year			
			29	10	1979			
Place of Birth	Country	Nationality	Sex	Marital status				
Mosul	Iraq	Iraqi	Male	Married				
Native language			Other languages					
Arabic			English					
Other languages	Read		Understand (spoken)		Speak		Write	
	Easily	Not easily	Easily	Not easily	Easily	Not easily	Easily	Not easily
English	√		√		√		√	

## B- PRESENT OCCUPATION: -

Present Position	University	Degree	Scientific title
Assistant Professor	Mosul	Ph. D	Assistant Professor
College	Department	General specialization	Accurate specialization
Computer Sciences and Mathematics	Computer Sciences	Mathematics	Numerical Analysis
Address	E-mail	Tel	Mobile
Mosul/Iraq	<a href="mailto:mohammedmsalih@yahoo.com">mohammedmsalih@yahoo.com</a> <a href="mailto:mohammedmsalih@gmail.com">mohammedmsalih@gmail.com</a> <a href="mailto:mohammed.salihcs@uomosul.edu.iq">mohammed.salihcs@uomosul.edu.iq</a>		+9647701746514

### C- QUALIFICATION: - (University)

Country	University	College	Years attended		Academic distinctions	Main Subject
			From	To		
Iraq	Mosul	Computer Sci. & Math.	97-98	2000-2001	B.Sc.	Mathematics
Iraq	Mosul	=	2001-2002	2002-2003	M.Sc.	Mathematics
Malaysia	UPM	Science	2012	2016	Ph. D	Mathematics

**MS.C. thesis title:** - Using Runge-Kutta methods for solving Stiff problems

**Ph.D. thesis title:** - PHASE-FITTED AND AMPLIFICATION-FITTED RUNGE-KUTTA TYPE METHODS FOR SOLVING LINEAR DIFFERENTIAL EQUATIONS WITH OSCILLATORY SOLUTIONS

### D- EDUCATION: - (E.g. high school or apprenticeship from age 14)

#	Name	place	country	Type	Year attended		Degrees and academic distinctions
					From	To	
1	Anas Ibn-Malik	Mosul	Iraq	Scientific	1991	1996	Secondary School Certificate
2	Al-Sharqiya	Mosul	Iraq	Scientific	1996	1997	Secondary School Certificate
3	College of Computer Sci. & Math.	Mosul	Iraq	Mathematics	97-98	2000-2001	B.Sc.
4	College of Computer Sci. & Math.	Mosul	Iraq	Mathematics	2001-2002	2002-2003	M.Sc.
5	Science	UPM	Malaysia	Mathematics	2012	2016	Ph. D

### E- PREVIOUS OCCUPATION: -

Positions	Current position	Posts held in <u>other</u> Universities	Previous posts (other <u>than</u> the University)
Academic			
Official			
Departments			
Colleges			
Universities			



## I- SCIENTIFIC RESEARCHES: -

	<b>Research name</b>	<b>University</b>	<b>College</b>	<b>Publisher</b>
1	Runge-Kutta methods of higher order for solving Stiff Problems	Mosul	Computer Sci. & Math.	AL-Rafidayn Journal for Computer Sci.
2	Using Modified Runge-Kutta methods for solving Differential-Algebraic Equations	Mosul	Computer Sci. & Math.	The Second Conference on Mathematical Sciences CMS'2008
3	Goeken-Johnson Sixth-Order Runge-Kutta Method	Mosul	Computer Sci. & Math.	Education & Sci. Journal
4	Using Predictor-Corrector Methods for Solving Fuzzy Differential Equations	UPM	Faculty of Sci.	International Conference on Mathematical Sciences and Statistics (ICMSS2013).
5	Diagonally Implicit Runge-Kutta method of Order four with Minimum Phase-Lag for Solving First Order Linear ODEs	UPM	Faculty of Sci.	the 3rd International Conference on Mathematical Sciences (ICMS3) 2014
6	Phase fitted Classical Runge-Kutta Method of order 4 for solving Oscillatory problems	UPM	Faculty of Sci.	Far East Journal of Mathematical Sciences (FJMS)
7	Fifth Order Runge-Kutta-Nyström methods for solving Linear Second Order Oscillatory Problems	UPM	Faculty of Sci.	Far East Journal of Applied Mathematics (FJAM)
8	Phase fitted and Amplification fitted of Runge-Kutta-Fehlberg Method of Order 4(5) for Solving Oscillatory Problems	Mosul	Computer Sci. & Math.	Baghdad Science Journal (BSJ)
9				
10				
11				
12				

**J- PRESENT SCIENTIFIC RESEARCHES ACTIVITIES: -**

	Research name	No. of participants	Starting date	Finishing date
1	Trigonometrically-fitted 4-step Predictor-Corrector method for solving ordinary differential equations with oscillatory solution	2	17/01/2018	17/04/2018
2				
3				

**K- TEACHING SKILL: -**

University	College	Department	Stage	Subject	Period		No. of hours / weekly	
					from	To	Theo.	Prac.
Mosul	Comp. Sci. & Math.	Computer Sci.	2 <sup>nd</sup>	Numerical Analysis	18/12/05		4	8
Mosul	Comp. Sci. & Math.	Computer Sci.	1 <sup>st</sup>	Calculus	01/10/16		3	1

**L- COMPOSITION OR TRANSLATION: -**

Book title	No. of participant	Translation or publication	Books Published translated	Published and press

**M- SUPERVISION: -**

Student's name	Degree	Specialization	Starting date		Finishing date	
			Month	Year	Month	Year

**N- MEMBERSHIPS: -**

Society	Union	Others

**O- OTHER DISTICTION: -**

Studies field	Conferences	Awards and distinctions	Place studied
Mathematical Sciences	The Second Conference on Mathematical Sciences CMS'2008	Presenter	Jordon
Mathematical Sciences	International Conference on Mathematical Sciences and Statistics (ICMSS2013).	Presenter	Malaysia
Mathematical Sciences	the 3rd International Conference on Mathematical Sciences (ICMS3) 2014	Presenter	Malaysia
Mathematical Sciences	the 7 <sup>th</sup> International Conference on Research and Education (ICREM7)	Presenter	Malaysia
Mathematical Sciences	the 1 <sup>st</sup> Al-Noor International Conference for Science and Technology (NICST2019)	Presenter	Iraq

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**Google scholar:** <https://scholar.google.com/citations?user=uvvwZq4AAAAJ&hl=ar>

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**Academia.edu:** <https://uomosul.academia.edu/محمدصالح>

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**Facebook:** <https://web.facebook.com/mohammedmsalih>

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