



# FACULTY FULL NAME: D. Maryam Talib AlDossary

## POSITION:

Assistant Professor

## Personal Data

Nationality | Saudi

Department | Mathematics

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Office Phone No. | 013-3337023

## Language Proficiency

Language	Read	Write	Speak
English	Excellent	Excellent	Excellent

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2007	PhD	King Faisal University	Saudi Arabia
2000	Master	Girls college	Saudi Arabia
1993	Bachelor	King Faisal University	Saudi Arabia

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	evolution of Riemannian manifold prescribed by their curvatures
Master	study on one dimension manifold of points and their associated one manifold of lines in the Euclidean space
Fellowship	advance fellowship in education and assessment



### Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	IAU, Dammam	2007-To date
Lecturer	IAU, Dammam	2000-2007
Teaching Assistant	IAU, Dammam	1995-2000
Teaching Assistant	King Faisal University, Al-hassa	1993-1995

### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Chairman of Mathematics Department, College of Science, Imam Abdulrahman bin Faisal University		2018-2020
Supervisor on the Girls Branch, SEU at Dammam		2013-2018
Supervisor of the Academic Affairs, SEU at Dammam		2012-2013
Coordinator of Scientific Research, Mathematics Department		2007
Coordinator of E-learning Unit, College of science (IAU)		2011-to date
Coordinator of Quality Unit, College of science (IAU)		2009-2010
Coordinator of Quality Unit, College of science (King Faisal University)		2008-2009

### Scientific Achievements

#### Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	MT Aldossary, RA Abdel-Baky	Surfaces Family with Bertrand Curves as Common Asymptotic Curves in Euclidean 3-Space $E^3$	Symmetry 2023
2	Y Li, M Aldossary, R Abdel-Baky	Spacelike circular surfaces in Minkowski 3-space	Symmetry 2023
3	MT Aldossary, RA Abdel-Baky	Ruled Surfaces with Stationary Width in Euclidean 3-Space $E^3$	Appl. Math 2023



4	MT Aldossary, RA Abdel-Baky	Sweeping Surface Due To Rotation Minimizing Darboux Frame In Euclidean 3-Space $E_1^3$	AIMS 2022
5	MT Aldossary, RA Abdel-Baky	On The Blaschke Approach Of Bertrand Offsets Of Spacelike Ruled Surfaces	AIMS 2022
6	MARYAM T Aldossary, MASHNIAH A Gazwani	Motion Of Parallel Curves And Surfaces In Euclidean 3-Space $R^3$	Global J. Adv. Res 2020
7	M Aquib, FR Al-Solamy, M Jamali, MT Aldossary, MN Boyom	Inequalities For Statistical Submanifolds In Sasakian Statistical Manifolds	International Conference on Differential Geometry 2016
8	MT Aldossary, RA Abdel-Baky	On The Bertrand Offsets For Ruled And Developable Surfaces	Bollettino dell'Unione Matematica Italiana 2015
9	Nassar H Abdel-All, Samah G Mohamed, Mariam T Al-Dossary	Evolution Of Generalized Space Curve As A Function Of Its Local Geometry	Applied Mathematics 2014
10	MT Aldossary	Backlund's Theorem For Spacelike Surfaces in Minkowski 3-Space	IOSR Journal of Mathematics 2013
11	MT Aldossary, RA Abdel-Baky	The Backlund's Theorem For Timelike Surfaces In Minkowski 3-Space	Far East Journal of Applied Mathematics 2013
12	MT Aldossary, RA Abdel-Baky	Timelike W-Surfaces In Minkowski 3-Space And The Sinh-Gordon Equation	IOSR Journal of Mathematics 2013
13	MT Aldossary	Submanifolds Of A Complex Projective Space	Advances and Applications in Mathematical Sciences 2013



14	MT Aldossary, RA Abdel-Baky	Motion Of Curves Specified By Acceleration Field In In Nr	2013
15	Nassar H Abdel-All, MT Al-Dossary	Motion Of Hypersurfaces	2011
16	MT Aldossary, RA Abdel-Baky	On The Null Scrolls In Minkowski 3-Space	OSR J. Math. 2013

### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

### Current Researches

#	Research Title	Name of Investigator(s)
1		Mari

### Contribution to Scientific Conferences and Symposia



#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Blackboard Learn Ultra Workshop	Online, September 4, 2022	attendance
2	The impact of social networks on intellectual security	Riyadh / Saudi Electronic University (session chair) 2018	session chair
3	certificate of Blackboard Learning Academic Collaboration Admission.	Dammam 2018	attendance
4	Development of university education institutions	Coral Al Khobar Hotel 26 November 2017	attendance
5	blended learning conference	21-23 November 2017	attendance
6	Women Leadership in Higher Education	Al Khobar 27-10-2016	attendance
7	The Global Cross-Sector conference on technology supported learning and training	Berlin-Germany December 02-04, 2015	attendance
8	Applying the QM rubric	Quality Matters Organization 08-13/09/2015	attendance
9	Emotional intelligence for academic leaders	ALO - AL Khobar 21-10-2015	attendance
10	Community initiatives for universities Arabia and its role in strengthening the national affiliation	SEU 23-12-1436	attendance
11	Adaptive Learning Webinar	Online Learning Consortium 19 October 2015	attendance
12	App Test Kitchen	Online Learning Consortium 5 October 2015	attendance
13	Practicum and US visit information, UNH	USA, UNH July-August, 2015	attendance
14	Leadership in Online Learning Mastery Series	Online Learning Consortium May17 – June 13, 2015	attendance
15	Online Teaching Certificate program	Online Learning Consortium March 14 - May 16, 2015	attendance
16	New to Online: The Essentials (Leadership)	Online Learning Consortium March 8 - March 13, 2015	attendance
17	E-Learning Pioneers Program in the Leadership Track	The National Center for E-Learning and Distance Learning with the Ministry of Education 2015	pioneer



18	New technologies for successful online & Elearning	London- 2weeks National center of Elearning 2014	attendance
19	Women Leadership Forum	Ministry of Higher Education 08/03/2014	attendance
20	The Second Scientific Forum for Universities Safety	King Fahd University of Petroleum and Minerals 18 <sup>th</sup> -19 <sup>th</sup> /02/2014	attendance
21	Quality matters	Dammam University 26 <sup>th</sup> -27 <sup>th</sup> /11/2013	attendance
22	Higher order thinking skills	Dammam University 18 <sup>th</sup> -19 <sup>th</sup> /11/2013	attendance
23	E-learning and teacher competences in the 21 centuries	Finland-Helsinki 7 <sup>th</sup> -26 <sup>th</sup> /09/2013	attendance
24	Learning outcomes and the quality of learning and teaching in the post-secondary school sector	University of Dammam 27 <sup>th</sup> -29 <sup>th</sup> /04/2013	attendance
25	Series of workshops on designing electronic courses	University of Dammam 2012-2013	attendance
26	Series of Training workshops on how to use e-learning management systems	deanship of Elearning, Dammam University 2011-2013	attendance
27	A workshop on an interactive lecture	University of Dammam 17/02/1434	attendance
28	A workshop on construction and description of academic courses	University of Dammam 15/02/1434	attendance
29	Third International Conference E-learning and Distance Learning	National Center for E-learning and Distance Learning 2 <sup>nd</sup> -7 <sup>th</sup> /02/2013	attendance
30	Linking research to education, scientific research and education in institutions of higher education	University of Dammam 01/01/1433	attendance
31	the magic of teaching	University of Dammam 25 <sup>th</sup> -27 <sup>th</sup> /09/2012	attendance
32	Strategies for Improving Research Outcomes	University of Dammam 15/09/ 2012	attendance
33	The First Annual Mathematics Meeting	IAU 19/05/2012	attendance



34	Assessment strategies in higher education workshop	University of Dammam 10 <sup>th</sup> -12 <sup>th</sup> /04/2012	attendance
35	Quality Requirements in Distance and E-Learning management Systems	AlHassa 13 <sup>th</sup> -14 <sup>th</sup> /03/ 2012	attendance
36	Training program for executive groups	Dammam 25 <sup>th</sup> -28 <sup>th</sup> /02/2012	attendance
37	Total quality management	Institute of public administration 24 <sup>th</sup> -26 <sup>th</sup> /12/1432	attendance
38	Analyzing data of quantitative researches using SPSS	University of Dammam 15/01/1432	attendance
39	Series of workshops on how to use mymathlab, Pearson workshops	University of Dammam 14/11/2011	attendance
40	Academic leadership development workshop, ministry of higher education	AL Khobar 15 <sup>th</sup> -16 <sup>th</sup> /10/2011	attendance
41	Course and program documentation	University of Dammam 11-13/01/2011	attendance
42	Quality assurance construction	University of Dammam 23/12/1431	attendance
43	CTY International Educators institute	JHU, Baltimore, MD USA 05/07/2010 To 08/08/ 2010	attendance
44	Course and program specification, NCAAA	University of Dammam 14-15 /06/2010	attendance
45	Evaluation and benchmarking, Monash university	University of Dammam 25-27/05/2010	attendance
46	Elements in academic accreditation and the future of higher education, Monash university	University of Dammam 09-13/05/2010	attendance
47	Application of information and communication technology in education and training	KSU, Riyadh 12-14 /04/ 2010	attendance
48	Course in strategic planning in academic institutions	KFU 10-12/04/1430	attendance
49	Workshop entitled "Research status and reward and pictures of support"	IAU 13/02/1429	attendance
50	Workshop entitled "Research status and reward and pictures of support"	IAU College of science 13/02/1429	attendance



51	A course in Microsoft Excel	IAU College of science 19 <sup>th</sup> -20 <sup>th</sup> /10/2008	attendance
52	Effective English Communication Skills Program via Self Directed Learning WORKSHOP	IAU College of science 30/06/2008	attendance
53	Second Conference for the planning and development of education and scientific research in Arab countries,	King Fahd University of Petroleum and Minerals 24 <sup>th</sup> -27 <sup>th</sup> /02/2008	attendance

### Membership of Scientific and Professional Societies and Organizations

- member of faculty affairs committee
- head of elearning committee
- Head of Security and Safety Committee, Mathematics Department.
- Head of the Library Committee, Mathematics Department.
- Member of Knowledge Transfer Committee, Mathematics Department.
- Member of the Academic Advising Committee.
- Head of faculty affairs committee

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Differential Geometry	MATH508	Full Teaching
2	Fundamentals of Geometry		Full Teaching
3	Differential Forms and Vector Calculus	MATH405	Full Teaching
4	Analytic Geometry		Full Teaching
5	Calculus of Variation	MATH111	Full Teaching
6	Calculus1-3	MATH201	Full Teaching
7	Geometry of Transformation		Full Teaching
8	Linear Algebra	MATH303	Full Teaching
9	Calculus1-1	MATH201	Full Teaching





10	General math	MATH111	Full Teaching
11	Complex analysis	MATH501	Full Teaching
12	Number theory	MATH406	Full Teaching
13	Applied Matrix Theorem	MATH504	Full Teaching
14	Graph Theory & Applications	MATH550	Full Teaching
15	Coding theory	MATH551	Full Teaching

### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	
2	

### Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Supervision on a master thesis		Full supervision
2	Topology-differential geometry1		Full Teaching
3	Riemannian geometry	MATH590	Full Teaching

### Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

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### Course Coordination

#	Course Title and Code	Coordinati on	Co-coordination	Undergr ad.	Postgrad .	From	To

### Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date



### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Bachelor	15	2018	To date
2				

### Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Master	Motion of parallel curves and surfaces in $R^3$	iau	2019

### Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

### Administrative Responsibilities, Committee and Community Service

(Beginning with the most recent)

#### Administrative Responsibilities

#	From	To	Position	Organization
1	2015	To-date	Online training programs for south border teacher through the Elearning and online center.	Elearning and online center
2	2014		Trained Alnada school faculty at Alhassa region on (Enhance Learning Using Technology)	Alnada school, at Alhassa region
3	2013		Trainer in Spring Forum for Math Olympics	Spring Forum for Math Olympics



4	2012	2013	Head of Giftedness Program	Giftedness Program, IAU
5	2012		Trainer in Math Olympics Program for King Abdulaziz & his Companions Foundation for Giftedness & Creativity	Math Olympics Program for King Abdulaziz & his Companions Foundation for Giftedness & Creativity
6	2011	2012	Head of Giftedness Program	Giftedness Program, IAU
7	2011		Deputy Scientific in Giftedness Program	Giftedness Program, IAU
8	2010		Advisor in King Abdulaziz & his Companions Foundation for Summer Programs Development	King Abdulaziz & his Companions Foundation for Summer Programs Development
9	2008		Trainer in Giftedness Program	Giftedness Program, IAU

### Committee Membership

#	From	To	Position	Organization

### Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1	2010	2012	King Abdulaziz and His Companions Foundation for the Gifted	Part-time
2	2012	2018	the Saudi electronic university	Full-time
3	2017	2018	Education Development Company, Riyadh	Part-time

### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2016	2016	using iPad in education	Al-Tarbiyah private school
2	2020	2020	Qudarat test course	Al-Khansa High School

### Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Using LMS (blackboard)
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2	Enhancing teaching through technology
3	Workshop on how to inject your classroom with Google
4	Teaching competence
5	Flipped classrooms
6	Interactive presentations
7	Online tests
8	iPad for education
9	Cloud storages

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