Curriculum Vitae

Personal Data

Name **:** Muhammad Islam Shafiq Ahmad Mustafa

Birth date & place **:** October11, 1970, Amman, Jordan

Nationality **:** Jordanian

Mailing Address **:** P.O.Box # 27272/ University of Sharjah/ Sharjah/ United Arab Emirates

E-mail **:** mmustafa@sharjah.ac.ae

Mobile Number **:** 0097165166754

Major Field **:** Applied Mathematics

Area of specialization: Partial Differential Equations

Research interest **:** Existence of Solutions and Asymptotic Analysis for Systems of PDEs in Elasticity, Viscoelasticity, and Thermoelasticity.

Education

University	Year	Degree
King Fahd University of Petroleum and Minerals (KFUPM)	2005 – 2008	Ph. D. in Applied Mathematics
University of Jordan	1991 -1993	MS in Pure Mathematics
University of Jordan	1988 – 1991	BS in Math

Work experience

Institution	Period of Service	Position
University of Sharjah (UOS) Sharjah, UAE	2022 – Now	Full Professor
University of Sharjah (UOS)	2015 – 2022	Associate Professor
King Fahd University of Petroleum and Minerals (KFUPM), Dhahran, KSA	2013 – 2015	Associate Professor
KFUPM	2010 – 2013	Assistant Professor
Prince Sultan University (PSU) Riyadh, KSA	2008 – 2010	Assistant Professor
KFUPM	2005 – 2008	Lecturer

Courses Taught

Algebra&Trigonometry	Finite Mathematics	Calculus I	Calculus II
Calculus III	Differential Equations	Linear Algebra	Numerical Analysis
Methods of Applied Mathematics	Real Analysis (Measure Theory)	Operations Research	Analytical Methods for Nuclear Eng.
Partial Differential Equations	Mathematics for Engineers	Reading&Research	
		Sobolev Spaces & Elliptic PDEs	Evolution Equations

Theses Supervision

Student name	Degree / Year	University	Role
Tijani Apalara	PhD – April 2013	KFUPM	Co-advisor
Waleed Al-Khulaifi	PhD - May 2017	KFUPM	Co-advisor

Theses Committees

Student name	Degree / Year	University
Saed Mara'abeh	MSc - May 2014	KFUPM
Soh Edwin Mukiawa	PhD – May 2016	KFUPM

Graduation Projects Committees

Student name	Degree / Year	University
Sura Mutazz and Shahd Hamad	BSc - May 2020	UOS
Manar Anwer Abusirdaneh	BSc - May 2022	UOS

Membership in Scientific Societies

1	**Google Scholar (https://scholar.google.com/citations?user=qBuHW7IAAAAJ&hl=en)**
2	**Research Gate (https://www.researchgate.net/profile/Muhammad_I_Mustafa)**
3	**Scopus (https://www.scopus.com/authid/detail.uri?authorId=25722233900)**
4	**ORCID (0000-0002-6181-8741)**

Membership in Research Groups

1	**Modeling, Analysis and Simulation of some Evolutionary phenomena (MASEP)** **Research Institute of Sciences and Engineering (RISE), University of Sharjah**

Journal Papers

1. Messaoudi S.A. and Mustafa M.I.,On the internal and boundary stabilization of Timoshenko beams, Nonlinear Differential Equations and Applications 15 (6) (2008),655-671.
2. Messaoudi S.A. and Mustafa M.I., On the stabilization of the Timoshenko system by a weak nonlinear dissipation, Mathematical Methods in the Applied Sciences 32(4) (2009), 454-469
3. Messaoudi S.A. and Mustafa M.I., A stability result in a memory-type Timoshenko system, Dynamic Systems and Applications 18 (2009), 457-468.
4. Messaoudi S.A. and Mustafa M.I., On the control of solutions of viscoelastic equations with boundary feedback, Nonlinear Analysis: RWA 10 (2009), 3132-3140.
5. Messaoudi S.A. and Mustafa M.I., A stability result in a weakly damped nonlinear Timoshenko system, AIP Conf. Proceed. American Institute of Physics 1146 (2009),123-135
6. Mustafa M.I. and Messaoudi S.A., General energy decay rates for a weakly damped Timoshenko system, Journal of Dynamical and Control Systems 16 (2) (2010), 211-226.
7. Messaoudi S.A. and Mustafa M.I., On convexity for energy decay rates of a viscoelastic equation with boundary feedback, Nonlinear Analysis TMA 72 (9-10) (2010), 3602-3611.
8. Mustafa M.I. and Messaoudi S.A., General energy decay rates for a weakly damped wave equation, Communications in Mathematical Analysis 9 (2) (2010), 67-76.
9. Mustafa M.I., Exponential decay in thermoelastic systems with boundary delay, Journal of Abstract Differential Equations and Applications 2 (1) (2011), 1-13.
10. Mustafa M.I., Uniform stability for themoelastic systems with boundary time-varying delay, Journal of Mathematical Analysis and Applications 383 (2) (2011), 490–498.
11. Mustafa M.I., Well posedness and asymptotic behavior of a coupled system of nonlinear viscoelastic equations, Nonlinear Analysis: RWA 13 (1) (2012), 452-463.
12. Mustafa M.I., Boundary stabilization of memory-type thermoelasticity with second sound, Zeitschrift für Angewandte Mathematik und Physik 63 (4) (2012), 777-792.
13. Mustafa M.I. and Messaoudi S.A.,Energy decay rates for a Timoshenko system with viscoelastic boundary conditions, Applied Mathematics and Computation 218(18) (2012), 9125–9131
14. Mustafa M.I. and Messaoudi S.A., General stability result for viscoelastic wave equations, Journal of Mathematical Physics Vol. 53 (5), 053702 (2012); doi: 10.1063/1.4711830.
15. Apalara T.A., Messaoudi S.A., and Mustafa M.I., Energy decay in thermoelasticity type III with viscoelastic damping and delay term, Electronic Journal of Differential Equations 2012 (128) (2012), 1-15
16. Mustafa M.I., On the control of n-dimensional thermoelastic system, Applicable Analysis 92 (1) (2013), 104-114.
17. Messaoudi S.A. and Mustafa M.I., A general stability result in a memory-type Timoshenko system, Communications on Pure and Applied Analysis 12 (2) (2013), 957-972.

18. Mustafa M.I., Asymptotic behavior of second sound thermoelasticity with internal time-varying delay, Zeitschrift für Angewandte Mathematik und Physik 64 (4) (2013),1353–1362

19. Messaoudi S.A. and Mustafa M. I., General stability result for a quasilinear wave equation with memory, Nonlinear Analysis RWA 14 (2013), 1854–1864.

20. Lasiecka I., Messaoudi S.A., and Mustafa M.I., Note on intrinsic decay rates for abstract wave equations with memory, Journal of Mathematical Physics 54, 031504 (2013); doi: 10.1063/1.4793988.

21. Mustafa M.I., Boundary stabilization of memory-type thermoelastic systems, Electronic Journal of Differential Equations 2013 (52) (2013), 1-16.

22. Mustafa M.I., Large time behavior for the solution of a delay heat equation, Dynamic Systems and Applications 22 (2013), 125-136.

23. Mustafa M.I. and Kafini M., Exponential decay in thermoelastic systems with internal distributed delay, Palestine Journal of Mathematics 2 (2) (2013), 287-299.

24. Kafini M., Messaoudi S.A., and Mustafa M.I., Energy decay result in a Timoshenko-type system of thermoelasticity of type III with distributive delay, Journal of Mathematical Physics 54, 101503 (2013); doi: 10.1063/1.4826102.

25. Kafini M., Messaoudi S.A., and Mustafa M.I., Energy decay rates for a Timoshenko-type system of thermoelasticity of type III with constant delay, Applicable Analysis 93 (6) (2014), 1201-1216.

26. Mustafa M.I., A uniform stability result for thermoelasticity of type III with boundary distributed delay, Journal of Mathematical Analysis and Applications 415 (2014), 148–158.

27. Mustafa M.I., On the decay rates for thermoviscoelastic systems of type III, Applied Mathematics and Computation 39 (2014), 29-37.

28. Kafini M. and Mustafa M.I., A blow-up result in a Cauchy viscoelastic problem with strong damping and dispersive terms, Nonlinear Analysis RWA 20 (2014), 14–20.

29. Mustafa M.I., On the control of the wave equation by memory-type boundary condition, Discrete and Continuous Dynamical systems- Series A 35(3) (2015), 1179–1192.

30. Mustafa M.I., Energy decay in thermoelasticity with viscoelastic damping of general type, Acta Mathematica Sinica, English Series 31 (2) (2015), 331-344.

31. Mustafa M.I. and Abu Sharkh G., Plate equations with viscoelastic boundary damping, Indagationes Mathematicae 26 (2015), 307-323.

32. Kafini M., Messaoudi S.A., Mustafa M.I., and Apalara T.A., Well-posedness and stability results in a Timoshenko-type system of thermoelasticity of type III with delay, Zeitschrift für angewandte Mathematik und Physik 66 (4) (2015), 1499-1517.

33. Mustafa M.I., Uniform decay for wave equations with weakly dissipative boundary feedback, Dynamical Systems 30 (2) (2015), 241-250.

34. Kafini M. and Mustafa M.I. , Global existence and energy decay of a nondisipative Cauchy viscoelastic problem, Quart. Appl. Math. 73 (2015), 739-757.

35. Mustafa M.I., General stability in memory-type thermoelasticity with second sound, Dynamic Systems and Applications 24 (2015), 327-340.

36. Mustafa M.I., Uniform decay rates for viscoelastic dissipative systems, Journal of Dynamical and Control Systems 22 (1) (2016), 101–116.

37. Mustafa M.I., On the boundary control of thermoviscoelastic systems of type III, Applicable Analysis 95 (1) (2016), 138-155.

38. Mustafa M.I. and Kafini M., Energy decay for viscoelastic plates with distributed delay and source term, Zeitschrift für Angewandte Mathematik und Physik 67 (3) (2016), 1-18.

39. Kafini M. and Mustafa M.I., On the stabilization of a non-dissipative Cauchy viscoelastic problem, Mediterranean Journal of Mathematics 13 (6) (2016), 5163-5176.

40. Mustafa M.I., Energy decay of dissipative plate equations with memory-type boundary conditions, Asymptotic Analysis 100 (2016), 41–62.

41. Mustafa M.I. and Abusharkh G.A., Plate equations with frictional and viscoelastic dampings, Applicable Analysis 96 (7) (2017), 1170–1187.

42. Mustafa M.I. and Kafini M., Decay rates for memory-type plate system with delay and source term, Mathematical Methods in the Applied Sciences 40 (4) (2017), 883–895.

43. Mustafa M.I., Viscoelastic Plate equation with boundary feedback, Evolution Equations and Control Theory 6 (2) (2017), 261-276.

44. Mustafa M.I., Memory-type plate system with nonlinear delay, Advances in Pure and Applied Mathematics 8 (4) (2017), 227-240.

45. Kafini M. and Mustafa M.I., A blow-up result to a delayed Cauchy viscoelastic problem, Journal of Integral Equations and Applications 30 (1) (2018), 81-94.

46. Mustafa M.I., General decay result for nonlinear viscoelastic equations, Journal of Mathematical Analysis and Applications 457 (2018), 134–152.

47. Mustafa M.I. , Optimal decay rates for the viscoelastic wave equation, Mathematical Methods in the Applied Sciences 41 (1) (2018), 192-204.

48. Mustafa M.I., On the stabilization of viscoelastic laminated beams with interfacial slip, Zeitschrift für Angewandte Mathematik und Physik 69 (2):33 (2018).

49. Mustafa M.I., Boundary control of laminated beams with interfacial slip, Journal of Mathematical Physics **59**, 051508 (2018); doi: 10.1063/1.5017923

50. Mustafa M.I. and Kafini M., Energy decay in a quasilinear system with infinite memories, IMA Journal of Mathematical Control and Information 36 (4) (2019), 1255-1273.

51. Mustafa M.I., Laminated Timoshenko beams with viscoelastic damping, Journal of Mathematical Analysis and Applications 466 (2018), 619–641.

52. Kafini M. and Mustafa M.I., A blow-up result in a Cauchy viscoelastic problem with a delayed strong damping, Dynamics of Continuous, Discrete and Impulsive Systems SeriesB: Applications & Algorithms 25 (2018), 357-367.

53. Mustafa M.I., Asymptotic stability for the second order evolution equation with memory, Journal of Dynamical and Control Systems 25 (2) (2019), 263-273.

54. Mustafa M.I. and Kafini M., Decay rates for a coupled quasilinear system of nonlinear viscoelastic equations, J. of Applied Analysis 25 (1) (2019), 97-110.

55. Mustafa M.I., Energy decay in a quasilinear system with finite and infinite memories, In: Taş K., Baleanu D., Machado J. (eds) Mathematical Methods in Engineering. Nonlinear Systems and Complexity, vol 23 (2019). Springer, Cham.

56. Mustafa M.I., Uniform stability of second sound thermoelasticity with distributed delay, Differential Equations and Dynamical Systems 29 (3) (2021), 597–608.

57. Mustafa M.I., The control of Timoshenko beams by memory-type boundary conditions, Applicable Analysis 100 (2) (2021), 290-301.

58. Mustafa M.I., On the control of dissipative viscoelastic Timoshenko beams, Mediterranean Journal of Mathematics 18 (2), 49 (2021), https://doi.org/10.1007/s00009-020-01680-7.

59. Mustafa M.I., Messaoudi S.A. and Zahri M., Theoretical and computational results of a wave equation with variable exponent and time dependent nonlinear damping, Arabian Journal of Mathematics 10 (2) (2021), 443–458.

60. Mustafa M.I., Optimal energy decay result for nonlinear abstract viscoelastic dissipative systems, Zeitschrift für Angewandte Mathematik und Physik 72 (2), 67 (2021), 1-15.

61. Mustafa M.I., On the control of a nonlinear system of viscoelastic equations, Advances in Pure and Applied Mathematics 12 (2) (2021), 53-76.

62. Mustafa M.I., Energy estimates to the Cauchy problem of a weakly damped Klein-Gordon equation with variable-exponent nonlinearity, Mathematical Methods in the Applied Sciences 44 (11) (2021), 8999-9011.

63. Mustafa M.I., Uniform stability for laminated beams with time-dependent boundary conditions, Mathematical Methods in the Applied Sciences 45 (11) (2022), 6791-6800.

64. Mustafa M.I., On the internal and boundary control of the laminated beams, Mediterranean Journal of Mathematics (2022) (Accepted).

65. Mustafa M.I., Viscoelasticity versus nonlinear feedback in plate systems: Optimal decay, Applicable Analysis (2022), DOI: 10.1080/00036811.2022.2107906.

66. Mustafa M.I., Viscoelastic Timoshenko beams with variable-exponent nonlinearity, Journal of Mathematical Analysis and Applications 516 (2) (2022), 126520.

67. Mustafa M.I., Optimal decay result for wave equations with frictional versus viscoelastic damping, Differential Equations and Dynamical Systems (2022), DOI:10.1007/s12591-022-00611-0

Conference Presentations and Seminars

1. "Maximal Monotone Operators and Applications", 1st Graduate Seminar Day, KFUPM 2007
2. " Green and Generalized Green's Functional for OIDE", Math. Dept., KFUPM.
3. "Interval methods for IVPs for ordinary differential equations", Math. Dept., KFUPM.
4. " General decay in viscoelastic systems of Timoshenko type ", The Third International Conference in Mathematical Sciences ICM 2008, UAEU, Al Ain, March 3-6, 2008.
5. "On the control of the Timoshenko beam", 2nd Graduate Seminar Day, KFUPM, May5, 2008.
6. " On the internal and boundary stabilization of the wave equation", 1st Annual Math Days (FAMD) of King Saud University, December 16-17, 2009, Riyadh, KSA.
7. The 2nd International Conference on Mathematical Sciences ICMS2 2010, Nov. 30 – Dec. 3, 2010, Kuala Lumpur, Malaysia**.**
8. The Conference of Mathematics and its Applications, Al-Imam Muhammad Ibn Saud Islamic University, March 23-24, 2011, Riyadh, KSA.
9. "Frictional versus viscoelastic dampings", Math. Dept., KFUPM.
10. International Conference on Numerical Analysis & Optimization, KFUPM, Dec.18-19, 2011.
11. "The control of thermoelastic systems by viscoelastic damping of general type", The Fourth International Conference in Mathematical Sciences ICM2012,UAEU,Al-Ain, March11-14,2012.
12. The Conference "A New Vision of the Role of Basic Sciences in Development", Umm Al-Qura University, Makkah, KSA, April 16-18, 2012.
13. "Exponential decay in thermoelastic systems with boundary delay", The 2nd Abu Dhabi University Annual International Conference: Mathematical Science and its Applications ICMSA-2013/ UAE, November 29- December 1, 2013.
14. "General stability in memory-type thermoelasticity with 2nd sound", Inter. Conf. on Recent Advances in Pure and Applied Math. (ICRAPAM 2014), 6-9 Nov. 2014, Antalya -Turkey
15. "Energy decay rates for damped wave equations", University of Sharjah, Feb. 2, 2016
16. "Uniform decay rates for viscoelastic dissipative systems", UAE Math Day 2016, New York University, Abu Dhabi / UAE, March12, 2016.
17. "Uniform decay rates for wave equations with memory", UAE Math Day 2017, University of Sharjah, UAE, March11, 2017.
18. "Energy decay in a quasilinear system with finite and infinite memories", International Workshop of Mathematical Methods in Engineering (MME2017), 27-29 April 2017, Cankaya University-Ankara-Turkey.
19. "1st Sharjah International Mathematics Spring School on PDEs and Numerical Analysis", University of Sharjah, UAE, 25th -27th March, 2018.
20. "Optimal decay rates for viscoelastic wave equations", UAE Math Day 2018, American University of Ras Al Khaima, UAE, April 14, 2018.

21. "2nd Sharjah International Mathematics Spring School on Algebra, Analysis, Topology and their Application", University of Sharjah, UAE, 24th -25th March, 2019.

22. "Optimal decay rates for the viscoelastic wave equation", University of Sharjah, Dec. 8, 2020

23. "Optimal decay results for wave equations with frictional versus viscoelastic damping", Yarmouk Mathematics Conference 2021 (Differential Equations: Analysis, Modeling and Numerical Computations), September 18-20, 2021, Jordan.

24. "5th Conference on Mathematical Science and Applications (CMSA) 2021", King Abdulla University for Science and Technology, Saudi Arabia, 17th -18th November, 2021.

25. "The Sharjah International Conference on Education in Post Covid-19", University of Sharjah, UAE, 14 -16 March, 2022.

26. "6th Workshop on Recent Developments in PDES and Applications", King Fahd University of Petroleum and Minerals, KSA, 16 -17 March, 2022.

Funded projects

1. "*On the stability of some wave and viscoelastic systems with non-standard nonlinearities*", UOS-2020

2. " *General decay for coupled systems of viscoelastic wave equations* ", KFUPM-2015

3. " *On the stabilization of viscoelastic plates with delay* ", KFUPM-2015

4. "*The effect of time delay to a nonlinear viscoelastic wave equation in the whole space*", KFUPM-2015

5. "*Energy decay rates for dissipative plates systems with memory*", KFUPM-2014

6. "*Math 202 Online Course*", KFUPM-2013

7. "*On the internal and boundary control of the wave equations*", KFUPM-2013

8. "*Blow-up results in some viscoelastic wave equations in the whole space*", KFUPM-2013

9. "*Math 201 Online Course*", KFUPM-2012

10. "*Stability in some systems of thermoelasticity type III with delay*", KFUPM-2012

11. "*Asymptotic behavior of some delay hyperbolic thermoelastic systems*", KFUPM-2012

12. "*The control of thermoelastic systems by viscoelastic damping of general type*",KFUPM-2011

13. "*Stabilization of wave equations and Timoshenko systems by viscoelastic dampings*", KFUPM-2011

14. "*Uniform stabilization for thermoelastic systems with internal or boundary delay*",KFUPM-2011

15. "*General energy decay rates for weakly damped hyperbolic systems*", PSU - 2009.

16. "*General decay by mean of convexity and boundary feedback for some viscoelastic problems*", KFUPM - 2009.

17. "*General Decay in some Timoshenko-type systems*", KFUPM-2008

18. "*On the internal and boundary stabilization of some Timoshenko-type systems*",KFUPM-2008

Committees and Groups Membership

1. Coordinator of Department Examination Committee (2018-2022) (UOS)
2. College Examination Committee (Member 2019-2021) (Coordinator 2021/2022) (UOS)
3. Department and College Strategic Plan committee (2019-2021) (UOS)
4. Department Committee for Preparing the MSc Course Syllabi (2020/2021) (UOS)
5. Department and College Research Committee (Coordinator2015-2018) (Member2019-2022)
6. Accreditation Committee (2015-2022) (UOS)
7. Annual Report Committee (2020-2022) (UOS)
8. Department Placement test Committee (2018/2019) (UOS)
9. Organizing committee for "1st Sharjah International Mathematics Spring School on PDEs and Numerical Analysis", March 25-27, 2018 (UOS)
10. Department Human Resources Committee (2016/2017) (UOS)
11. Organizing committee for the UAE Math Day 2017 (2015-2017) (UOS)
12. Coordinator of Math for Eng, DEE, Calculus II, Operations Research and PDE Courses (UOS)
13. Applied Math Group and Differential Equations Group (KFUPM)
14. Department Awareness and Outreach Committee (Term 131-132) (KFUPM)
15. Coordinator of Methods of Applied Math. Course (Term 131-132-133-141) (KFUPM)
16. Department Coordination Committee (Term 131-132-133-141) (KFUPM)
17. Chairman of the college committee for implementing Program1 in the 2nd Strategic Plan
18. Ad-hoc committee for reviewing the courses Math 301, 431, 527, 531, 568, 631 (KFUPM)
19. Exam committee of Calculus II (Term 112-121) and Calculus III (Term 111) (KFUPM)
20. Department Assessment Committee (Term 101-102-112-121-122-131-132-141) (KFUPM)
21. Department Textbooks committee (Prince Sultan University)
22. Department Library Committee (Prince Sultan University)
23. Entrance Exam Committee (Prince Sultan University)
24. Preparatory-year Syllabus monitoring committee (Prince Sultan University)
25. Organizing Committee for "The 1st and 2nd Graduate Seminar Day" (2007-2008) (KFUPM)
26. Chairman of the Organizing Committee for " The First Math Olympics" held in Jordan.

Awards and Distinguished Achievements

● Best Research Project Award, KFUPM-2015.

● One of the Top Downloaded Article 2017-2018 in the Q1-Journal “Mathematical Methods in the Applied Sciences”.

● One of the Names on the Stanford University List of the World’s Top 2% of most-cited Scientists in Applied Mathematics for two consecutive years in 2019/2020 and 2020/2021.

● Certificate of recognition in the UOS Scientists Awarding Ceremony.

Review of Papers

● Reviewing paper # NA-D-10-00737 for the Journal "Nonlinear Analysis TMA".

● Reviewing paper # NA- D-11-01603 for the Journal "Nonlinear Analysis TMA".

● Reviewing paper # GAPA-2012-0162.R2 for the Journal "Applicable Analysis".

● Reviewing the paper entitled "On solvability of the dissipative Kirchhoff equation with nonlinear boundary damping" for the Journal "Dynamic Systems and Applications".

● Reviewing the paper entitled "General decay for a Kirchhoff plate equation with viscoelastic boundary conditions" for the Journal "Boundary Value Problems".

● Reviewing paper # AMASCI-D-12-00386 for the Journal "Acta Mathematica Scientia".

● Reviewing paper # DCDIS-A-422 for the Journal "Dynamics of Continuous, Discrete & Implusive Systems/Series A: Mathematical Analysis".

● Reviewing paper # AJOM-D-12-00277 for the Journal "Arabian Journal of Mathematics".

● Reviewing paper # GAPA-2014-0489 for the Journal "Applicable Analysis".

● Reviewing paper # GAPA-2014-0359 for the Journal "Applicable Analysis".

● Reviewing paper # GAPA-2015-0514 entitled “Control of an axially moving viscoelastic Kirchhoff String” for the Journal "Applicable Analysis".

● Reviewing paper # PPH-1612010-MS entitled “Stability of a thermo-elastic Timoshenko Beam system of second sound” for the Journal "Far East Journal of Mathematical Sciences".

● Reviewing paper # AMEN(160523) entitled “Decay properties for a thermoelastic system of type III with weak viscoelastic and nonlinear delay term” for the Journal " Applied Mathematics E-Notes ".

● Reviewing paper # zamm(201700069) entitled “Stabilization of laminated beams with a thermal effect” for the Journal " Zeitschrift fuer Angewandte Mathematik und Mechanik”.

● Reviewing paper # GAPA-2017-0554 entitled “Laminated Thermoelastic Timoshenko Beams with interfacial slip and second sound” for the journal “Applicable Analysis”.

● Reviewing paper # MMA-17-10392.R1 entitled “Stabilization of a viscoelastic rotating Euler-Bernoulli beam” for the journal “Mathematical Methods in the Applied Sciences”.

● Reviewing paper # TJM 180808 entitled “General decay rates for a laminated beam with memory” for the journal “Taiwanese Journal of Mathematics”.

● Reviewing paper # MMA-18-12793 entitled “Exponential stability for a thermoelastic Timoshenko model with two temperatures” for the journal “Mathematical Methods in the Applied Sciences”.

● Reviewing paper # AMC-D-18-03056 entitled “General and optimal decay results for Kirchhoff plate equations with nonlinear damping” for the journal “Applied Mathematics and Computation”.

● Reviewing paper # AMOP-D-19-00235 entitled “Blow up of solutions with arbitrary positive initial energy for a viscoelastic equation in one space dimension” for the journal “Applied Mathematics and Optimization”.

● Reviewing paper # MMA-19-15371 entitled “Existence and decay rates for a coupled Balakrishnan-Taylor viscoelastic system with dynamic boundary conditions” for the journal “Mathematical Methods in the Applied Sciences”.

● Reviewing paper # MMA-10383 entitled “Decay rates for a coupled viscoelastic Lame system with strong damping” for the journal “Mathematical Modelling and Analysis”.

● Reviewing paper # ZAA-Zahri-190609 entitled “EXISTENCE AND NEW GENERAL DECAY RESULTS FOR A VISCOELASTIC-TYPE TIMOSHENKO SYSTEM” for the journal “Zeitschrift für Analysis und ihre Anwendungen”.

● Reviewing paper JAA#20030502 entitled “Exponential stabilization of laminated beams with delay by frictional damping” for the Journal of Applied Analysis.

● Reviewing paper MMA-20-17537 entitled “New decay estimates of a nonlinear transmission problem for Kirchhoff-type wave equations with memory condition on the boundary” for the journal “Mathematical Methods in the Applied Sciences”.

● Reviewing paper MMA-12839 entitled “A general and optimal decay result for a viscoelastic equation with a strong time dependent delay” for the journal “Mathematical Modelling and Analysis”.

● Reviewing paper TJM 200717 entitled “Stability result of Laminated beam with internal distributed delay” for “Taiwanese Journal of Mathematics”.

● Reviewing paper AMEN(A210502) entitled “General and optimal decay result for a viscoelastic problem with nonlinear boundary feedback and nonlinear term source” for the Journal " Applied Mathematics E-Notes ".

● Reviewing paper MMA-19-15932.R2 entitled “Boundary control of a viscoelastic translational Euler-Bernoulli beam subject to unknown distributed disturbance” for the journal “Mathematical Methods in the Applied Sciences”.

● Reviewing paper ZAMP-D-21-00247 entitled “Unified stability analysis for a volterra integro-differential equation under creation time Perspective” for the journal “Zeitschrift für angewandte Mathematik und Physik”.

● Reviewing paper NONRWA-D-21-00584 entitled “Well-posedness and stability results for the Korteweg-De Vriesburgers and Kuramoto-Sivashinsky equations with infinite memory: ahistory approach” for the journal “Nonlinear Analysis: Real World Applications”.

Workshop and Seminar attendance

1. " Workshop: Your Guide to Scopus Journals" on 25/4/2022 at UOS.
2. "Taskstream Workshop: Closing the loop" on 19/1/2022 by Mrs Nida Siddiqui at UOS.
3. "UOS 3rd Annual Strategic Conference" on 9/12/2021 at UOS.
4. "Workshop: Compliance with Accreditation Standards by Completing Course and Program E-files" on 7/11/2021 at UOS.
5. "Math Day" held on 7/11/2021 and 1/3/2022 at UOS.
6. "A hands-on training session on the hybrid-learning model" on 25/8/2021 at UOS.
7. "Pearson Middle East MyLab Math workshop & product demonstration" on 18/4/2021 UOS
8. "المؤتمر الدولي الرابع في تاريخ العلوم عند العرب والمسلمين" held on April 4-6, 2021, UOS.
9. "Using Zoom and MS Teams as a Second Camera for invigilating Online Exams" workshop held on March 8, 2021, University of Sharjah.
10. "Best Teaching Practices Workshop-Course management: Documentation & Task Stream" by Mrs Nida Siddiqui, College of Sciences, University of Sharjah, 10/12/2020.
11. "Successful Online Exams: The Faculty Perspectives" held on October 11, 2020, UOS.
12. "The 2nd Annual 2020 Strategy Conference" held on October 8,2020, University of Sharjah
13. "Math Department Training for BlackBoard Quizzes/Exams" conducted by Dr. Firas Ghanim and Mrs. Nida Siddiqui on 12/4/2020, University of Sharjah.
14. "BB lockdown browser workshop" by Mr Bassam Rashid on 8/4/2020 University of Sharjah
15. "Blackboard collaborate Workshop" offered by Dr Hussein El Mehdi on 7/3/2020, UOS.
16. "On the Properties of the topological Indices of Graphs" by Dr. Kinkar Das on 29/1/2020.
17. "Periodic Solutions and Torsional Instability in a Nonlinear Nonlocal Plate Equation" by Dr. Filippo Gazzola on 21/1/2020.
18. "Strategic Action Plan 2019-2023 Workshop" held at Centro Hotel on 19/1/2020.
19. "Mathematics Modeling of Patterns in Islamic Design" by Dr. Mostafa Zahri 16/1/2020, UOS
20. "The 2nd workshop on compiling the scoreboard for the KPIs of the strategic plan 2019-2024" held at University of Sharjah on 7/11/2019.
21. "Open forum" of the College of Sciences at University of Sharjah on 19/9/2019.
22. "Away Day: Delivery on the Strategy Plan 2019-2023" College of Sciences, University of Sharjah, UAE, April 28, 2019.
23. "UOS Open Day" University of Sharjah, UAE, April 23-27, 2019.
24. "4th Sciences and Engineering Research Groups Forum – Towards Innovation and Value Creation" University of Sharjah, UAE, April 21, 2019.
25. "On separation for the unsteady Prandtl's equations and related problems" by Dr. Charles Collot, MASEP Research Group, University of Sharjah, UAE, Jan. 24, 2019.
26. "McGraw Hill connect for Calculus with Read Anywhere app." UOS, Dec. 9, 2018.

27. "The UAE Space Program: Did We Meet the Challenge?" by Prof. Attaelmanan, College Research Café at University of Sharjah, UAE, Nov. 22, 2018.

28. "Workshop on WileyPLUS" University of Sharjah, UAE, Oct. 21, 2018.

29. "Math Day" University of Sharjah, UAE, Oct. 14, 2018.

30. "Workshop on My Math Lab: features and teaching with new technology" by Pearson publisher at University of Sharjah, UAE, Oct. 7, 2018.

31. "3rd Sciences and Engineering Research Groups Forum – Research in Service of the Community" University of Sharjah, UAE, April 19, 2018

32. "Transitioning from Paper-based Course File to e-Course File" held at UOS, March 5, 2017.

33. "Students Registration and Academic Advising" held at University of Sharjah, Dec. 4, 2016.

34. "Six-month experience in the International Space Station" held by the Belgian astronaut, Mr. Frank De Winne at University of Sharjah, November 23, 2016.

35. "Theoretical Discoveries of Topological Phase Transitions and Topological Phases of Matter" held by Dr. Oleg Oledski at University of Sharjah, October 19, 2016.

36. "Workshop on e-services" held at University of Sharjah, UAE.

37. "Learning Outcomes and Assessments for Academic Programs" held by Dr. Gregory Maffet and Dr. Naser Sarhan at Program Assessment Center (KFUPM), January 29-30,2014.

38. "Mission, Goals and Objectives & Program Quality Assurance Process including KPI's and Benchmarks-NCAAA standard 1, 2 and 3", held by Prof. Paul D. at Program Assessment Center (KFUPM), January 27,2013.

39. "New Landscape of Search & Discovery on ScienceDirect and Scopus SciVerse", held at KFUPM, April 24, 2011.

40. "Building an Effective Research Career" held at KFUPM, December 26-27, 2010.

41. "SPSS Workshop" held at Prince Sultan University, KSA.

42. "Workshop on e-services" held at Prince Sultan University, KSA.

43. "Regional Workshop on Gifted Education" held in Jordan in cooperation with UNESCO.

■ Teaching Philosophy and Goals

I believe that the best way of learning mathematics is doing mathematics as well as linking the lecture material to various concepts taken in earlier courses and to real world applications. I regularly urge my students to be actively involved in the learning process in which I view my role as a facilitator. I try my best to design the framework in which learning can take place, and then stimulate and nurture the students' development, giving help in terms of knowledge, techniques, and encouragement.

My goals in teaching are not just to promote learning of the subject matter. I also try to help the students to think logically, learn problem-solving techniques, and improve writing and personal skills. I am always keen to attend seminars and workshops and be involved in committees dedicated for academic accreditation and development of teaching methods and tools.

The Teaching and learning process can be extended beyond the classroom to include individual teacher-student interaction and readiness to assist students. In this regard, I always encourage my students to discuss their academic problems during my office hours. I make myself available at other hours as well. In order to increase communication with the students, I have used Blackboard for all my courses to ease online communication with students. This allowed me to assist the students in various ways even after regular classes and office hours.

■ Research Interests

My research work treats different issues and investigates several types of systems in the field of partial differential equations including the existence of solutions and asymptotic analysis for systems of PDEs and delayed PDEs. A major part of my research activities was dedicated to establishing general stability results and explicit energy decay rates as well as blow up results for different evolution problems in elasticity, viscoelasticity, thermoelasticity, and thermoviscoelasticity. I have established a number of new results which improve and generalize some old results existing in the literature.

The findings of my research on these problems have been published through several papers in reputed refereed journals among which are Nonlinear Differential Equations and Applications, Mathematical Methods in the Applied Sciences, Nonlinear Analysis TMA & RWA, Journal of Mathematical Physics, Zamp, Applied Mathematics and Computation, Applicable Analysis, and Journal of Mathematical Analysis and Applications. My research has been reasonably cited by others, and I was on the Stanford University List of the World's Top 2% of most-cited Scientists in the Field of Applied Mathematics in 2019.

I believe that the collaboration has its impact on the quality and diversity of research. Responding to this belief, I am a member in MASEP Research Group and some of my published papers were resulted from collaborative projects with other researchers in the same field.

In addition to these research activities, I have reviewed research papers for a number of journals. I was a supervisor and co-supervisor for a number of graduate students. I attended several internal and external conferences and presented seminars inside and outside the Department of Mathematics.