Teaching Staff handbook

Imam Mohammad Ibn Saud Islamic University,

College of Science, Department of Mathematics and Statistics

The Male department

Name	Ahmad Alkhalaf		
Post	Professor, Faulty of science		
Academic career	Doctorate (subject)	Belarus University	1980
	Bachelor's degree in mathematics	Aleppo university	1990
Employment	Assistant professor	Al Baath university	1990-1995
	Associate professor	Al Baath university	1995-1999
	Associate professor	Teacher Faculty Dammam	1999-22006
	Full professor	Al Baath university	22006-2011
	Full professor	Imam University	22011-Untel now
Research and development projects over the last 5 years	Derivations In Rings- 2018-2020 (National Science, Technology and Innovation Plan). Minimal Groups non Satisfying the Basis Property 2022-2023 Deanship of Scientific Research, Imam Mohammad Ibn Saud Islamic University (IMSIU).		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	1. Al Khalaf A., I. Taha, Finite Minimal Groups non Satisfying the Basis Property submitted to Journal of Pure and Applied Mathematics (2023). 2. Al Khalaf A., I. Taha Lie Ideals In Differentially in semi Prime Rings, submitted to Journal of Algebra and its Applications (2022). 3. Al Khalaf A. , I Taha, R Masri, R Tarmizi Derivations in differentially δ-prime rings, European Journal of Pure and Applied Mathematics (EJAM) Vol.15 No.(2), 2022, 454-46. 4. Al Khalaf A., I Taha, R Masri, R Tarmizi Reverse Derivations on δ-prime rings, European Journal of Pure and Applied Mathematics(EJAM) Vol.15 No.(4), 2022, 454-46. 5. Ahmad Al Khalaf, Ibrahim Al-Dayel, Generalization of the basis property on finite groups, Asian-European Journal of Mathematics(AEJM) Vol. 14, No. 07, (2021). 6. Ahmad Al Khalaf, Ibrahim Al-Dayel, Completely 0-simple semigroup with the basis property, Asian-European Journal of Mathematics(AEJM) Vol. 14, No. 08, (2021). 7. Al Khalaf A., Artemovych O. and Taha I., Commutators in Semiprime Gamma Rings, Asian-European Journal of Mathematics(AEJM) Dec.04, 2020.		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	None		

Name	Brahim Chaourar
Post	Professor of Operations Research
Academic career	Ph.D. in Operations Research J. Fourier University – Grenoble, France 1993 M.Sc. in Operations Research J. Fourier University – Grenoble, France 1989 B.Sc. in Mathematics (OR track) H. Boumediene University – Algiers, Algeria 1988
Employment	Professor IMSIU – Saudi Arabia 2023 – Present Associate Professor IMSIU – Saudi Arabia 2013 – 2023 Assistant Professor IMSIU – Saudi Arabia 2007 – 2013 Senior Lecturer RCT – Saudi Arabia 1997 – 2007 Assistant Professor University of Brest – France 1993 – 1995
Research and development projects over the last 5 years	2023-2024 Co-Investigator, *Determination of the number of topologies on a finite set*, Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), grant number IMSIU-RG23137, SAR 120000.
Industry collaborations over the last 5 years	None
Patents and proprietary rights	None
Important publications over the last 5 years	• Chaourar, B., *On the Broadcast Routing Problem*, 4th Conference on Mathematical Sciences and Applications, Riyadh, Saudi Arabia, April 11-12, 2018. • Chaourar, B., *The Kth TSP is Pseudolpoynomial when TSP is Polynomial*, Discrete Mathematics, Algorithms and Applications 10 (5), 2018, 1850058. • Chaourar, B., *A Min-Max Relation for Bases Packing of a Matroid*, Discrete Mathematics, Algorithms and Applications 11 (6), 2019, 1950069. • Chaourar, B., *Connected Max Cut is Polynomnial for Graphs without the Excluded Minor $K_5 \backslash e$*, Journal of Combinatorial Optimization 40, 2020, 869-875, doi:10.1007/s10878-020-00637-6. • Chaourar, B., *The facets of the spanning tree polytope*, Mathematical Methods of Operations Research 96, 2022, 113-121, doi:10.1007/s00186-022-00786-w.
Activities in specialist bodies over the last 5 years	Mathematical Reviews of the American Mathematical Society Reviewer 2019 - Present

Name	*E. M. Solouma*		
Post	*Professor in Differential Gemoetry of curves and surfaces*		
Academic career	Teaching assistant Habilitation	Beni-Suef University Beni-Suef University	1997
	Assistant teacher		2001
	Assistant Prof.	Beni-Suef University, Imam University	2007
	Associate Prof.	Imam University	2017
	Professor	Imam University	2022
Employment	*Prof.*	Imam University	*2022*
Important publications over the last 5 years	M. A. Abdelkawy, E M Soluma, A. H. Tedjani and E. Hassan, Spectral collocation technique for solving fractional generalized Cattaneo model, International Journal of Modern Physics C (IJMPC), (2023) A. H. Tedjani, Aly R. Seadawy, Syed T. R. Rizvi, Emad Solouma, Construction of Hamiltonina and optical solitons along with bifurcation analysis for the perturbed Chen–Lee–Liu equation, Optical and Quantum Electronics, 55 (2023) Ahmed Z. Amin, Mohamed A. Abdelkawy, Emad Solouma and Ibrahim Al-Dayel, A Spectral Collocation Method for Solving the Non-Linear Distributed-Order Fractional Bagley–Torvik Differential Equation, Fractal and Fractional, 7(11) (2023), 780. A. H. Tedjani, Aly R. Seadawy, Syed T. R. Rizvi, Emad Solouma, Construction of chirped propagation with Jacobi elliptic functions for the nonlinear Schrödinger equations with quadratic nonlinearity with inter-modal and spatio-temporal dispersions, Eur. Phys. J. Plus, (2023) Emad Solouma , Ibrahim Al-Dayel, Meraj Ali Khan and Mohamed Abdelkawy, Investigation of Special Type-Π Smarandache Ruled Surfaces Due to Rotation Minimizing Darboux Frame in E^3, Symmetry, 15 (2023), 2207.		
Activities in specialist bodies over the last 5 years	None		

Name	*Fahir Talay Akyildiz*		
Post	*Professor in Applied Mathematics*		
Academic career	*Initial academic appointment*	*Ondokuz Mayis University, Turkiye*	*1993*
	Doctorate (subject)	*Applied Mathematics, Cardiff, Aberystwyth university, United Kingdom*	*1993*
	Undergraduate degree (subject)	*Ankara University,Turkiye*	*1983*
Employment	*Position*	*Employer*	*Period*
	Assistant -Associate Professor	*On. May. University*	*1993-2008*
	Visiting Associate Professor	*Northern Illinois. Un*	*2004-2005*
	Research Associate Professor		*2008-2011*
	Professor	*Khalifa University*	*2011-2017*
	Visiting Professor	*Gaziantep Univer.*	*2016-2017*
	Professor	*BIUST*	*2017-now*
		IMSIU	
Research and development projects over the last 5 years	Deanship of Scientific Research (priority), IMSIU, 2021-30.000 SAR Deanship of Scientific Research (priority), IMSIU, 2022 -30.000 SAR Deanship of Scientific Research (priority), IMSIU, 2023-30.000 SAR Deanship of Scientific Research (International Partnership) 2023,120.000 SAR		
Industry collaborations over the last 5 years	*Non*		
Patents and proprietary rights	*Non*		
Important publications over the last 5 years	1-Tunç, Cemil, Fehaid Salem Alshammari, and Fahir Talay Akyildiz. "Existence and Uniqueness of Solutions of Hammerstein-Type Functional Integral Equations." *Symmetry* 15.12 (2023): 2205. 2- Alshammari, Fehaid Salem, and Fahir Talay Akyildiz. "Epidemic Waves in a Stochastic SIRVI Epidemic Model Incorporating the Ornstein–Uhlenbeck Process." *Mathematics* 11.18 (2023): 3876. 3- Alshammari, F. S., Akyildiz, F. T., Khan, M. A., Din, A., & Sunthrayuth, P. (2022). A stochastic mathematical model for understanding the COVID-19 infection using real data. *Symmetry*, *14*(12), 2521. 4- Akyildiz, F. Talay, and Fehaid Alshammari. "A new analysis of Galerkin Legendre spectral methods for coupled hyperbolic/parabolic system arising in unsteady MHD flow of Maxwell fluid and numerical simulation." *Applied Numerical Mathematics* 176 (2022): 83-103.		
Activities in specialist bodies over the last 5 years	*Non*		

Name	Faryad Ali		
Post	*Professor in Mathematics (Group Representation Theory, Fixed Point Theory)*		
Academic career	*Ph.D. in Mathematics*	*University of Natal, RSA*	*2001*
	M.Phil. in Mathematics	*Quaid-i-Azam University, Pakistan*	*1990*
	M.Sc. in Mathematics	*University of the Punjab, Lahore*	*1988*
	B.Sc. (Maths., Stats.)	*University of the Punjab, Lahore*	*1985*
Employment	*Professor*	*Imam Mohammad Ibn Saud Islamic University (IMSIU), KSA.*	*2007*
Research and development projects over the last 5 years	*The International Research Partnership Program (RPP), No. IMSIU-RP23070 June 23 -May 2024, Amount 120,000 SAR.* *The International Research Partnership Program (RPP), No. RP-21-09-04, July 22 -June 23, Amount 200,000 SAR.* *Research project titled "Fischer-Clifford Matrices and Character Table of $2^{10}: A_8$, No. 19-12-12-015 by DSR at IMSIU, Nov. 2020-Oct. 2021, 30,000 SAR*		
Industry collaborations over the last 5 years	*Not Applicable*		
Patents and proprietary rights	*Not Applicable*		
Important publications over the last 5 years	***F. Ali*** *and M. Al-Kadhi, Generating pairs for the Fischer group Fi_{23}, Algebra Colloquium,* ***27*** *(2020), no. 4, 713-730.* ***F. Ali****, M. S. Shagari and A. Azam; Hybrid Fuzzy Contraction Theorems with Their Role in Integral Inclusions, Axioms* ***2022****, 11, 580.* *A. Azam, N. Mehmood, N. Ahmad and F. Ali, Reich–Krasnoselskii-type fixed point results with applications in integral equations, Journal of Inequalities and Applications (****2023****) 2023:131.* *Total No. of Publications: 46*		
Activities in specialist bodies over the last 5 years	*Organisation* *Role* *Period* *Amer. Math. Soc. Member since 1997.* *Reviewer for PhD theses, projects and faculty promotions.*		

Name	Hamdi Zorgati		
Post	Professor Mathematics		
Academic career	Initial academic appointment	University Paris Dauphine	2004
	Habilitation [German post-doctoral qualification] (subject)	University Tunis El Manar	2009
	Doctorate (subject)	Sorbonne University	2004
	Undergraduate degree (subject)	University Tunis El Manar	2000

Employment	Position	Employer	Period
	Assistant	University Paris Dauphine	2004-2006
	Assistant/Associate/Full Professor	University Tunis El Manar	2006-2019
	Professor	Imam Mohamed Bin Saud Islamic University	Since 2019

Research and development projects over the last 5 years	Phase Field Crystal Models with Ignat Radu from Paul Sabatier University
	Asymptotics for second gradient models
	Optimal design problems

Industry collaborations over the last 5 years	None

Patents and proprietary rights	None

Important publications over the last 5 years	Gamma-convergence for an optimal design problem with variable exponent H Zorgati JKSIAM Volume 27 Number 4 pages 296–310, 2023 Asymptotic analysis for a second-order curved thin film H Zorgati Mathematics and Mechanics of Solids, 24 A -convergence result for optimal design problems H Zorgati Comptes Rendus. Mathématique 360 (G10), 1145-1151 Dimension reduction and optimality of the uniform state in a phase-field-crystal model involving a higher-order functional R Ignat, H Zorgati Journal of Nonlinear Science 30 (1), 261-282

Activities in specialist bodies over the last 5 years	Organisation None	Role	Period
	None		

Name	Ibrahim Elbatal		
Post	Professor		
Academic career	Ph.D. in Mathematical Statistics	Cairo University	2002
	M.Sc. in Mathematical Statistics	Ain Shams University	2000
	B.Sc. in Mathematics	Ain Shams University	1986
Employment	Professor	IMSIU, Riyadh (KSA)	2016 - Present
	Professor	Cairo University	2009-2016
	Associate Professor	KSU, Riyadh (KSA)	2004-2009
	Assistant Professor	Cairo University	1995 - 2004

Important publications over the last 5 years *(Selected recent publications from a total of approx. 115 articles)*	1-Bivariate step-stress accelerated life test for a new three-parameter model under progressive censored schemes with application in medical. AIMS Mathematics, 2024. 9(2): 3521–3558. 2- Reliability Analysis and Its Applications for a Newly Improved Type-II Adaptive Progressive Alpha Power Exponential Censored Sample. Symmetry 2023, 15(12), 21-37. 3-Bayesian and Non-Bayesian Estimation for a New Extension of Power Topp–Leone Distribution under Ranked Set Sampling with Applications. Axioms ,2023, 12 (722), 1-33 4- Stress–Strength Reliability Analysis for Different Distributions Using Progressive Type-II Censoring with Binomial Removal. Axioms 2023, 12(11),1-23 5. Bayesian and Non-Bayesian Estimation of the Nadarajah–Haghighi Distribution: Using Progressive Type-1 Censoring Scheme. Mathematics, 10, 1- 16. 6-On Odd Perks-G Class: Properties, Regression model, Discretization,Bayesian and Non Bayesian Estimation and Applications. Symmetry, 14 (5), 1-29.

Name	Ismail DJEBALI		
Post	*Full Professor*		
Academic career	*Doctorat d'Etat (Habilitation)*	*Algiers University*	*2001*
	Doctorate 3rd Grade	*Paris X!, France*	*1987*
	Master (Numerical Analysis)	*Paris X!, France*	*1983*
	Undergraduate (Partial Differential Equations)	*Algiers University*	*1980*
Employment	*Full Professor*	*IMSIU, Riyadh (KSA)*	*2015 - Present*
	Full Professor	*ENS, Kouba, Algiers*	*2006-2015*
	Associate Professor	*ENS, Kouba, Algiers*	*2001-2005*
	Assistant-Professor	*ENS, Kouba, Algiers*	*1989-2000*
	Assistant	*Paris XI, France*	*1988-1989*
	Assistant	*INA, Algiers*	*1979-1982*
Important publications over the last 5 years *(Selected recent publications from a total of approx. 110 articles)*	*1.System of fractional boundary value problems at resonance (with Khadidja Yatim and Lamine Guedda), Fractional Calculus and Applied Analysis. (2023)* *2. A measure of weak noncompactness in $L^1(\mathbb{R}^N)$ and applications (with B. Boulfoul), Mediterranean Journal of Mathematics, 19 (2022), no. 2, Paper No. 64, 17 pp.* *3. Fixed point theorems for multi-valued 1-set contractions under weak topology (with Z. Bounegab). Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis 28(2) (2021) 133-144.* *4. Asymptotic behavior of solutions for systems of quadratic integral equations of Fredholm type (with L. Benhamouche and Jesus Garcia-Falset), 14, pages 313–335(2020), Banach Journal of Mathematics.* *5. Ran and Reurings in generalized metric spaces with a graph structure (with M.R. Al-Furaindan and S. Benchabane), Journal of Nonlinear and Convex Analysis. {\bf 20} (2019), no. 11, 277–286.* *6. Integrable Solutions for a Nonlinear Integral Equation of Product Type on the Half-axis (with B. Boulfoul and A. Bellour), EJDE, (2018), No. 19, pp. 1-20.*		

Name	Lazhar Bougoffa		
Post	Professor		
Academic career	Lecturer Assistant Professor Associate Professor *Professor* Doctorat D'Etat *(Func. Anal. & Its application to PDEs)*	University of Batna, Algeria KKU, Saudi Arabia. IMSIU, Riyadh, SA IMSIU, Riyadh, SA	1989-1993 *2000-2005* *2005-2012* *2012-Pesent* *1995-1999*
Employment	*Professor*	*Imam University*	*2005-present*
Research and development projects over the last 5 years	*International Research Partnership,* **Project Number:** RG-21-09-14 *(2023).*		
Industry collaborations over the last 5 years	*None*		
Patents and proprietary rights	*None*		
Important publications over the last 5 years	1- **Lazhar Bougoffa**, Smail Bougouffa and Ammar Khanfer *Generalized Thomas-Fermi equation: Existence, uniqueness, and analytic approximation solutions,* **AIMS Mathematics,** Volume 8, Issue 5, **(2023)**. 2- Ammar Khanfer, **Lazhar Bougoffa**, Smail Bougouffa, *A Nonclassical Stefan Problem with Nonlinear Thermal Parameters of General Order and Heat Source Term, Axioms*, 13(1), 14, **(2024)**. *3-* **Lazhar Bougoffa,** Smail Bougouffa and Ammar Khanfer *Qualitative Analysis on the Electrohydrodynamic Flow Equation,* **AIMS Mathematics,** Volume 9, Issue 1: 775-791, **(2024)**. 4- **Lazhar Bougoffa**, *A Note on Bolzanos Intermediate Value Theorem,* **The American Mathematical Monthly,** In press, **(2024)**. 5- **Lazhar Bougoffa**, *A generalization of Wayment's Mean Value Theorem for Integrals,* **The American Mathematical Monthly,** In press, **(2024)**.		
Activities in specialist bodies over the last 5 years	*Organisation* GAMM, Germany *AMS, EMS*	*Role* *Member* *Member*	*Period* *1995-1999* *2000-present*

Name	*Maged Zakaria Youssef Abouelyamin*		
Post	*Full Professor, Department of Mathematics and Statistics, College of Science, Imam Mohammad Ibn Saud Islamic University (IMSIU), Riyadh, Saudi Arabia*		
Academic career	*Ph. D. degree*	*Ain Shams University*	*2000*
	Master's degree	*Ain Shams University*	*1997*
	B.Sc.	*Ain Shams University*	*1991*
Employment	*Associate Professor /Full Professor*	*IMSIU, Riyadh (KSA)*	*2013 - Present*
	Assistant Professor/ Associate Professor	*Teachers College, King Saud University, SAUDI ARABIA*	*2003-2013*
	Assistant Professor	*Ain Shams University*	*2000-2003*
	Lecturer	*Ain Shams University*	*1997-2000*
	Demonstrator	*Ain Shams University*	*1991-1997*
Important publications over the last 5 years	[1] **M. Z. Youssef and Zainab S. Almoreed**. On odd prime labeling of graphs, ***Open Journal of Discrete Applied Mathematics*** Vol. 3 (2020), Issue 3, pp. 33 – 40, https://doi.org/10.30538/psrp-odam2020.0041 [2] **Christian Barrientos and M. Z. Youssef**, Optimal Maximal Graphs, ***Transactions on Combinatorics*** 11 (2) (2022) 85-97. [3] **Maged Z. Youssef**, M. M. Khader, Ibrahim Al-Dayel, W. E. Ahmed, "Solving Fractional Generalized Fisher–Kolmogorov–Petrovsky–Piskunov's Equation Using Compact-Finite Different Methods Together with Spectral Collocation Algorithms", ***Journal of Mathematics***, vol. 2022, Article ID 1901131, 9 pages, 2022. https://doi.org/10.1155/2022/1901131 [4] Christian Barrientos **and M. Z. Youssef**, Relaxing the Injectivity Constraint on Arithmetic and Harmonious Labelings, submitted to ***Electronic Journal of Graph Theory and applications*** 10 (2) (2022), 523–539. https://dx.doi.org/10.5614/ejgta.2022.10.2.13 [5] Muhammad Umar Mirza, Rukhshanda Anjum1**, Maged Z. Youssef** and Turki Alsuraiheed, A comprehensive study on fuzzy and crisp graph indices: generalized formulae, proximity and accuracy analysis, **AIMS Mathematics**, 8(12) (2023): 30922–30939.		

Name	Meraj Ali Khan		
Post	Professor (Differential Geometry and Differentiable Manifolds)		
Academic career	Ph.D.	Aligarh Muslim University, India	2006
	MSc	MJP Rohil Khand University, India	2000
	B.Sc.	MJP Rohil Khand University, India	1998
Employment	Professor	IMSIU, Saudi Arabia	10.01.2023 up to now
	Professor	University of Tabuk, Saudi Arabia	2021- 2023
	Associate Professor	University of Tabuk, Saudi Arabia	2013-2021
	Assistant Professor	University of Tabuk, Saudi Arabia	2010-2013
	Assistant Professor	TIET, Patiala, India	2006-2010
Important publications over the last 5 years	1. S. K. Srivastava, M. Dhiman, Meraj Ali Khan, Characterization of bi-slant submanifolds of Para -Sasakian manifold, FILOMAT, 37:23, 2023 (Web of Science, I. F = 0.988). 2. Ibrahim Al-Dayel, Meraj Ali Khan, Impact of Semi-Symmetric Metric Connection on Homology of Warped Product Pointwise Semi-Slant Submanifolds of an Odd-Dimensional Sphere, Symmetry, 15(8), 1606, 2023 (Web of Science, I. F = 2.9). 3. Ibrahim Al-Dayel, Meraj Ali Khan, Muhammad Shuaib, Homology of warped product semi-invariant submanifolds of a Sasakian space form with semi symmetric metric connection, Journal of Mathematics, 2023 (Web of Science, I. F = 1.4). 4. Sayed Saifullah, MM Alqarni, Shabir Ahmad, Dumitru Baleanu, Meraj Ali Khan, Emad E Mahmoud, Some morebounded and singular pulses of a generalized scale-invariant analogue of the Korteweg – devries equation, Results in Physics, 52, 106836, 2023 (Web of Science, I. F = 4.565). 5. Maha M. A. Lashin, Meraj Ali Khan, Sayed M. Eldin, Aizaz Khan, Zeeshan Ahmad, Sayed Saifullah, Optical and Quantum Electronics, 55, 987, 2023 (Web of Science, I. F = 2.74). 6. Jabbar Ahmmad, Turki Alsuraiheed , Meraj Ali Khan and Tahir Mahmood, Classification of data mining techniques under the environment of T-bipolar soft Ring, Symmetry, 15, 1870, 2023 (Web of Science, I. F = 2.9). 7. Azeb Alghanemi, Meraj Ali Khan, Position vectors of the natural mate and conjugate of a space curve, Advances in Mathematical Physics, 2023 (Web of Science, I. F = 1.13).		

Name	Mohamed A Abdelkawy		
Post	Full Professor		
Academic career	Ph.D. Degree in Pure Mathematics (Numerical Analysis and Approximation Theory)	Beni-Suef University	2012-2014
	M.Sc. Degree in Applied Mathematics	Beni-Suef University	2007-2011
	B.Sc. Degree in Mathematics	Cairo univeristy	1999-2003
Employment	Position	Employer	Period
	Full Professor	IMSIU, Riyadh (KSA)	2023- Present
	Associate Professor	IMSIU, Riyadh (KSA)	2020-2023
	Assistant Professor	IMSIU, Riyadh (KSA)	2016-2020
	Associate Professor	BSU, Beni-suef (Egypt)	2020-prsent
	Assistant Professor	BSU, Beni-suef (Egypt)	2014-2020
	Lecturer	BSU, Beni-suef (Egypt)	2011-2014
	Demonstrator	BSU, Beni-suef (Egypt)	2005-2011
	Demonstrator	Cairo University (Egypt)	2004-2005
Research and development projects over the last 5 years	• *Fractional inverse problems RG-21-09-05, 2021, 120000SR* • *Spectral collocation* method for fractional generalized Cattaneo model, *2022, 30000SR.* • *IFP-IMSIU20210, 2022, 30000SR*		
Important publications over the last 5 years	• *MA Abdelkawy, EM Soluma, I Al-Dayel, D Baleanu, Spectral solutions for a class of nonlinear wave equations with Riesz fractional based on Legendre collocation technique, Journal of Computational and Applied Mathematics 423, (2023) 11 19)* • *M. A. Abdelkawy, A. Z. M. Amin & António M. Lopes, Fractional-order shifted Legendre collocation method for solving non-linear variable-order fractional Fredholm integro-differential equations, Comp. Appl. Math. 41, 2 (2022).4970.* • *M. A. Abdelkawy, Salem Alyami, Legendre-Chebyshev spectral collocation method for two-dimensional nonlinear reaction-diffusion equation with Riesz space-fractional, Chaos, Solitons & Fractals, 151, 111279.*		

Name	Mohammed Mohsen Salem Babatin
Post	Professor in Department of Mathematics and Statistics, College of Science, Imam Mohammad Ibn Saud Islamic University (IMSIU).

Academic career	*Initial academic appointment*	King Abdul Aziz Military College	1411H
	*Doctorate (*Numerical Behavior of Advection through Irregular Grids*)*	University of Dundee in Scotland	2005

Employment	• *Professor of numerical analysis*	*College of Science at Imam University*	*1/16/1440 AH.*
	• *Associate professor*	*College of Science at Imam University*	*2/25/1434 AH.*
	• *Assistant Professor*	*College of Science at Imam University*	*6/1/1430 AH.*
	•*Teaching assistant in the Science*	*Science Department at King Abdul Aziz Military Academic*	*1/15/1411 AH.*

Research and development projects over the last 5 years	*No.*
Industry collaborations over the last 5 years	*No.*
Patents and proprietary rights	*No.*

| Important publications over the last 5 years

The total No. (50) | 1- Anupma Bansal, Anjan Biswas, Qin Zhou, MM Babatin, Lie symmetryanalysis for cubic–quartic nonlinear Schrödinger's equation, Optik 169 (2018), 12-15.

2- M. A. Abdelkawy, A. M. Lopes, M. M. Babatin, Shifted fractional Jacobi collocation method for solving fractional functional differential equations of variable order, Chaos, Solitons & Fractals, 134, 109721 2020.

3- Mohamed A. Abdelkawy, Ahmed Z. M. Amin, Mohammed M. Babatin, Abeer S. Alnahdi, Mahmoud A. Zaky and Ramy M. Hafez, Jacobi Spectral Collocation Technique for Time-Fractional Inverse Heat Equations, Fractal and Fractional, 2021, 5, 115.

4- M. M. Khader, M. M. Babatin, An approximate method for solving MHD boundary layer flow over a stretching sheet with Joule heating and convective thermal condition, International Journal of Modern Physics C, Vol.33, No.2 (2022).

5- M. M. Khader, M. M. Babatin, Ahmed M. Megahed, Numerical Simulation by Using the Spectral Collocation Method for Williamson Nanofuid Flow Over an Exponentially Stretching Sheet with Slip Velocity, Journal of Nonlinear Mathematical Physics, 30(3), p. (1134-1152), 2023. |
|---|---|

Activities in specialist bodies over the last 5 years	1- IMAMU	University Council	25/10/1433-11/7/1441
	2- IMAMU	Secretary General of Research Chairs	11/22/1440 -- 11/7/1441 AH
	3- IMAMU		11/5/1440 -- 11/7/1441 AH
	4- IMAMU	Dean of the Deanship of Scientific Research	11/5/1440 -- 11/7/1441 AH
	5-IMAMU	Dean of the College of Scienc	25/10/1433 ---2/12/1439 AH.

Name	*Mohamed Hmisi*
Post	*Professor*

Academic career	*Assistant Professor*		*1978*
	Habilitation *[German post-doctoral qualification] Potential Analysis (PA)*	*University Tunis Elmanar*	*1992*
			1984
	Doctorate (PA)		*1979*
	Undergraduate degree (PA)		

Employment	*Professor*	*IMSU*	*Since 2014*

Research and development projects over the last 5 years	*Stochastic Analysis, Random Dynamical Systems, Markov Processes, Ergodic Theory*
Industry collaborations over the last 5 years	*Non*
Patents and proprietary rights	*Non*
Important publications over the last 5 years	*Hmissi M., Mokchaha F.: On some random densities for random maps. Journal of difference equations and applications, Vol. 24, No. 1, 127-137 (2018).* *M. Hmissi, C.N. Jmailli: On Representation of Excessive Measures for S-subordinated Markov processes. Markov Processes and Related Fields 26, 901-914 (2020).* *Hmissi M., Mokchaha F.:} On Random Dynamical Systems Generated by White Noise Time* *Change of Deterministic Dynamical Systems. Journal of Probability and Statistics Vol. 2022, Article ID 3881486,* *7 pages (2022).* *Hmissi M., Mokchaha F.: On Random Maps Correlated with Random Densities. Int. J. Appl. Math.* *Vol. 35. No. 6, 887-901 (2022).* *Hmissi M., Mokchaha F.:} On the Equivalence Between Ergodicity and Weak Mixing for Operators* *Semigroups. Int. J. Appl. Math. Vol. 36 No. 2, 145-153 (2023).*

Activities in specialist bodies over the last 5 years	*Organisation*	*Role*	*Period*
	Non		

Name	Mohamed Meabed Bayuomi Khader		
Post	Professor in Department of Mathematics and Statistics, College of Science, Imam Mohammad Ibn Saud Islamic University (IMSIU), Riyadh, Saudi Arabia		
Academic career	*Initial academic appointment*	*Benha*	*1996*
	*Doctorate (***Approximate Methods for Solving Nonlinear Coupled Systems of PDEs***)*	*Benha*	*2009*
Employment	*Prof.*	*IMAMU*	*2019*
Research and development projects over the last 5 years	1- Theoretical and Numerical Studies for some Mathematical Models and Computational Fluid Dynamics 72000 SR (2022). 2- Modeling and numerical simulation for covering the fractional Covid-19 model using spectral collocation-optimization algorithms 30000SR (2022). 3- Improvement for filtration mechanism through a model of bio-nanofluid flow which saturated by gyrotactic microorganisms over a slippery stretching sheet 30000 SR (2022).		
Industry collaborations over the last 5 years	*No*		
Patents and proprietary rights	*No*		
Important publications over the last 5 years The total No. (65)	[1] M. M. Khader, Numerical study for the BVP of the liquid film flow over an unsteady stretching sheet with thermal radiation and magnetic field, Boundary Value Problems, 77, p.(1–11), 2018. [2] M. M. Khader, Fourth-order predictor-corrector FDM for the effect of viscous dissipation and Joule heating on the Newtonian fluid flow, Computers and Fluids, 182, p. (9–14), 2019. [3] H. M. Srivastava, K. M. Saad, and M. M. Khader, An efficient spectral collocation method for the dynamic simulation of the fractional epidemiological model of the Ebola virus, Chaos, Solitons & Fractals, 140, p. (1–7), 2020. [4] M. M. Khader and Mustafa Inc, Numerical technique based on the interpolation with Lagrange polynomials to analyze the fractional variable order mathematical model of the hepatitis C with different types of virus genome, Chaos, Solitons and Fractals, 152, p. (1–16), 2021. [5] M. M. Khader and M. Adel, Modeling and numerical simulation for covering the fractional Covid-19 model using spectral collocation-optimization algorithms, Fractal and Fractional, 6(363) p. (1–19), 2022. [6] Mohamed Adel and Mohamed Khader Theoretical and numerical treatment for the fractal-fractional model of pollution for a system of lakes using an efficient numerical technique, Alexandria Engineering Journal, 82, p. (415-412), 2023.		
Activities in specialist bodies over the last 5 years	*No.*		

Name	*Moussa Benoumhani*
Post	*Prof. Mathematics*
Academic career	*Ph.D.in Mathematics Claude Bernard University 1993* *M.Sc. in Mathematics Claude Bernard University 1988* *B.Sc. in Mathematics Setif. Algeria 1986*
Employment	*Professor IMSIU -Saudi Arabia 2022 – Present* *Professor Msila University - Algeria 2021-2022* *Associate Professor Msila University Algeria 2012-2021* *Assistant Professor Sanaa University-Yemen 1995-2012* *Research Fellow Claude Bernard University. France 1992-1994*
Research and development projects over the last 5 years	Determination of the number of topologies on a finite set *One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RP23137)/for the amount of SAR120000.*
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years	1- An elementary unified approach to prove some identities involving Fibonacci and Lucas numbers, Notes on Number Theory and Discrete Mathematics Print ISSN 1310–5132, Online ISSN 2367–8275 Vol. 27, 2021, No. 4, 62–79. *2-* Chains of mappings and fuzzy topological spaces, Journal of combinatorial theory series A, vol. 161. January 2019, 99-111. 3- On a conjecture of Heim and Neuhauser on some polynomials arising from modular forms and related to Fibonacci polynomials. Ramanujan J **58**, 183–201 (2022).
Activities in specialist bodies over the last 5 years	Reviewer for some mathematical journals such as Discrete math. Member in juries of Ph.D thesis.

Name	Nabil KERDID		
Post	Professor in Mathematics		
Academic career	PhD in Numerical Analysis	University Paris 6	1995
	M.Sc in Numerical Analysis	University Paris 6	1995
	Bachelor of Mathematics	University of Constantine	1987
Employment	Professor	Imam University	2023-Present
	Associate Professor	Imam University	2008-2023
	Assistant Professor	Imam University	2001-2008
	Assistant Professor	ESIEE, Paris	1997-2001
	Assistant Professor	University Paris 6	1995-1997
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	• N. Kerdid, *Asymptotic analysis of stretching modes for a folded plate,* submitted to AIMS Mathematics, Vol. 8, Issue 10 (2023), p. 23974-23988. • N. Kerdid, *Asymptotic analysis of high frequency modes for thin elastic plates,* AIMS Mathematics, Vol. 8, Issue 8 (2023), p. 18618-18630. • N. Kerdid, *On the linearized system of elasticity in the half-space,* AIMS Mathematics, Vol. 7, Issue 8 (2022), p.14991-15001. • E. Ngondiep, N. Kerdid, M. Abaoud, I. Aldayel, *A three-level time-split MacCormack method for two-dimensional nonlinear reaction-diffusion equations,* International Journal for Numerical Methods in Fluids. Vol. 92, Issue 12 (2020), p.1681-1706. • N. Kerdid, *A mixed formulation of the Stokes equations with slip conditions in exterior domains and the half-space,* Hiroshima Mathematical Journal, Vol. 48, Issue 2 (2018), p.119-131.		
Activities in specialist bodies over the last 5 years	*Organisation* *Role* *Period* None		

Name	Rubayyi Turki Alqahtani		
Post	Professor in Applied mathematic		
Academic career	PhD, Master Bachelor's	Institution Wollongong University Wollongong University King Saud University	Year 2013 Year 2009 Year 2007
Employment	Position: Professor	Employer: Imam Mohammad Ibn Saud Islamic University	Period 2017-Now
Research and development projects over the last 5 years	Non		
Industry collaborations over the last 5 years	Non		
Patents and proprietary rights	Non		
Important publications over the last 5 years	1- Abdelhamid Ajbar, Rubayyi T. Alqahtani and Mourad Boumaza Dynamics of an SIR-Based COVID-19 Model with Linear Incidence Rate, Nonlinear Removal Rate, and Public Awareness, Frontiers in Physics 2021. 2- Rubayyi T. Alqahtani, Abdelhamid Ajbar, and Mourad Boumaza, Dynamics of a COVID-19 Model with a Nonlinear Incidence Rate, Quarantine, Media Effects, and Number of Hospital Beds, Symmetry, 2021. 3- Abdelhamid Ajbar and Rubayyi alqahtani, Bifurcation analysis of a SEIR epidemic system with governmental action and individual reaction, Advances in Difference Equations, 2020. 4- Rubayyi alqahtani and Samir Kumar Bhowmik, Bifurcation analysis of a bioreactor model with variable yield coefficient and oxygen coefficient, Chaos Solitons & Fractals, 2021.		
Activities in specialist bodies over the last 5 years	Organisation Non	Role	Period

Name	Sami Mongi Mohamed Baraket		
Post	Professor		
Academic career	Initial academic appointment	Institution	Year
	Habilitation *[German post-doctoral qualification]* (PDE's)	Faculty of Sciences of Tunis	1998
	Doctorate (PDE's)	ENS, Cachan, France	1994
	Bachelor (Fundamental)	Faculty of Sciences of Tunis	1990
Employment	Professor	Imam University	2 years
Research and development projects over the last 5 years	-Research financing agreement (Research Priorities of Imam University) - International research partnership agreement		
Industry collaborations over the last 5 years	no		
Patents and proprietary rights	no		
Important publications over the last 5 years	1- Baraket,S; Dridi,B; Jaidane,R; and Radulescu,V: Ground states of weighted 4D biharmonic equations with exponential growth, Mathematical Method in Applied Sciences. Dec 2023. 2- Baraket,S; Chetouane,B; Jaidane,R; and Mtaouaa,W: Sign-changing solutions for a weighted Schrödinger-Kirchhoff equation with double exponential nonlinearities growth, Reviews in Mathematical Physics. Dec 2023. 3- Baraket,S; Chetouane,R; Jaidane,R:Signed and Sign-Changing Solutions for a Kirchhoff-Type Problem Involving the Weighted N-Laplacian with Critical Double Exponential Growth, Vietnam Journal of Mathematics. Dec 2023. 4- Baraket,S; Chetouane,R and Mtiri, F: Non degeneracy of the entire solution for the n-Laplace Henon equation of Liouville type, Proceeding of the Romanian academy series A. Sept 2023. 5- Baraket,S; Mahdaoui,S and Ouni, T: Limiting profile of the blow-up solutions for the fourth-order nonlinear Emden-Fowler equation with a singular source, Discrete and continuous Dynamical system. Juin 2023.		
Activities in specialist bodies over the last 5 years	laboratory Nonlinear analysis and Geometry	Director	12 years

Name	Toufik Zaimi		
Post	Professor of mathematics		
Academic career	Ph.D. Number Theory	Paris 6 University-France	1994
	M. Sc. In mathematics	Limoges University France	1990
	B. Sc. In Mathematics	USTHB University-Algeria	1989
Employment	Professor	IMSIU -Saudi Arabia	2014 – Present
	Professor	ULBM - Algeria	2013-2014
	Associate Professor	ULBM - Algeria	2009-2013
	Assistant Professor	ULBM - Algeria	2006-2009
Research and development projects over the last 5 years	On Pisot and Salem numbers: One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number :20-12-13-002)/for the amount of SAR 14000. On Gaussian Pisot numbers: One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number :18-13-12-002)/ for the amount of SAR 14000.		
Industry collaborations over the last 5 years	Project title: NA Partners: NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	1) Salem numbers as Mahler measure of Gaussian Pisot numbers, **Acta Arith.** 194, 383-392, 2020. 2) Quartic Salem numbers which are Mahler measures of non-reciprocal 2-Pisot numbers, J. **Théor. Nombres Bordeaux** 32, No. 3, 877-889, 2020. 3) Comments on Salem polynomials, **Arch. Math.** 117, No. 1, 41-51, 2021. 4) On the zeros of the derivatives of certain polynomials, **Moscow J. of combinatorics and Number theory,** 11, No. 3, 205-214, 2022.		
Activities in specialist bodies over the last 5 years	Zentrablatt Math.	Reviewer	2019-Present
	Journals im number theory	Referee	2010-Present

Name	Zakir Hussain Ahmed		
Post	Full Professor, Department of Mathematics and Statistics, College of Science, Imam Mohammad Ibn Saud Islamic University (IMSIU), Riyadh, Saudi Arabia		
Academic career	Ph.D.	Tezpur University, India	2003
	M.Tech (IT)	Tezpur University, India	2001
	PGDCA	Tezpur University, India	1998
	M.Sc (Maths)	Tezpur University, India	1996
	B.Sc (Maths)	Guwahati University, India	1993
Employment	Professor	Imam University	2019 - Present
	Associate Professor	Imam University	2012- 2019
	Assistant Professor	Imam University	2004- 2012
	Senior Lecturer	JUET, India	2003 - 2004
	Senior Lecturer	Asansol Engg. College, India	2002-2003
Research and development projects over the last 5 years	[1] Ongoing from June 2023: International Research Partnership Program, granted by, Imam University, [Amount: SAR 120,000]. [2] Ongoing from June 2023: Research Priority Program, granted by Imam University, [Amount: SAR 30,000]. [3] July 2021 to June 2022: Intelligent Algorithms Research Group (IARG), granted by Imam University, [Amount: SAR 150,000] [4] November 2019 to October 2020: A hybrid genetic algorithm for the maximum scatter travelling salesman problem, granted by Imam University, [Amount: SAR 14,400].		
Important publications over the last 5 years	[1] Ahmed ZH, Hameed AS, Mutar ML, and Haron H. (2023). An enhanced ant colony system algorithm based on subpaths for solving the capacitated vehicle routing problem, Symmetry, 15(11), 2020. [2] Ahmed ZH, M Fateme, Yousefikhoshbakht M and Haron, H. (2023). Solving the vehicle routing problem with time windows using modified football game algorithm, Egyptian Informatics Journal, 24(4), 100403. [3] Yousefikhoshbakht M, Chaharmahali M, and Ahmed ZH. (2023): The line-haul feeder vehicle routing problem: A classification and review, Complexity, 2023, Article ID 9902545, 16 pages. [4] Ahmed ZH, and Yousefikhoshbakht, M. (2023): A hybrid algorithm for the heterogeneous fixed fleet open vehicle routing problem with time windows, Symmetry, 15(2), 486. [5] Ahmed ZH, Al-Otaibi, N., Al-Tameem, A., and Saudagar, A.K.J. (2023): Genetic crossover operators for the capacitated vehicle routing problem, Computers, Materials & Continua, 74 (1), 1575-1605.		
Activities in specialist bodies over the last 5 years	• Life member: Operational Research Society of India, Kolkata, India		

Name	*Abdelkarem Berkaoui*		
Post	*Teaching area and designation: Associate professor in Mathematics*		
Academic career	*Initial academic appointment Assistant professor*	*Institution Al-Imam University*	*Year 2007*
	Habilitation *[German post-doctoral qualification] (subject)*	*Institution*	*Year*
	Doctorate (subject) Approximation in Besov-Orlicz norm of the solution of stochastic differential equations.	*Institution Caddi Ayyad University*	*Year 2000*
	Undergraduate degree (subject) Mathematics and Statistics	*Institution Caddi Ayyad University*	*Year 1994*
Employment	*Position Associate professor*	*Employer Al-Imam University*	*Period 2007 to Present*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. On the optional and orthogonal decompositions of supermartingales and applications. Statistics and Probability Letters, (2023). 2. On the optional and orthogonal decompositions of a class of semimartingales. Portugaliae Mathematica, (2022). 3. On representations of the set of supermartingale measures and applications in continuous time. Stochastics, 91 (5), (2019). 4. On representing and hedging claims for coherent risk measures. Journal of Convex Analysis, 26 (1), (2019). (with S. Jacka and S. Armstrong) 5. A characterization of the set of local martingale measures. Stochastics and Dynamics, 18 (5), (2018).		
Activities in specialist bodies over the last 5 years	*Organisation* *Role* *Period* -		

Name	Abdelouahed El Khalil		
Post	*Associated Professor of Mathematics*		
Academic career	*PhD*	*University of Fez, Morocco*	*1999*
	High Studies Diploma	*University of Fez, Morocco*	*1996*
	Master	*University of Fez, Morocco*	*1994*
	Bachelor	*University of Fez, Morocco*	*1963*
Employment	*Associated Professor*	*IMSIU -Saudi Arabia*	*2011 – to date*
	Assistant Professor	*IMSIU -Saudi Arabia*	*2007-2011*
	Assistant Professor	*Polytechnic School of Montreal, Canada*	*2003-2006*
	Assistant Professor	*Faculty of Science, Fez, Morocco*	*1999-2003*
	Lecturer	*Faculty of Science, Fez, Morocco*	*1997-1998*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*Project title: N.A* *Partners: N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*Steklov problems for the p−Laplace operator involving Lq-norm, AEKAT My Driss Morchid AlaouiMoroccan Journal of Pure and Applied Mathematics 8 (2), 228-243* *Eigencurves of the (p·) -Biharmonic operator with a Hardy-type term M Laghzal, A El Khalil, MDM Alaoui, A Touzani Moroccan Journal of Pure and Applied Analysis 6 (2), 198-209* *On the eigengraph for p-biharmonic equations with Rellich potentials and weight* *A El Khalil, M Laghzal, MDM Alaoui, A Touzani Bulletin of the Transilvania University of Brasov. Series III: Mathematics.* *On the spectrum of Robin boundary p-Laplacian problem AE Khalil Moroccan Journal of Pure and Applied Analysis 5 (2), 279–293* *A Weighted Eigenvalue Problems Driven by both (·) -Harmonic and (·)-Biharmonic Operators M Laghzal, A El Khalil, A Touzani Communications in Mathematics 2020 (0011), 14.* *Eigenvalues for a class of singular problems involving p (x)-Biharmonic operator and q (x)-Hardy potential A El Khalil, M Laghzal, MDM Alaoui, A Touzani Advances in Nonlinear Analysis 9 (1), 1130-1144.* *For more information about research productivity:* *Google Scholar Link: https://scholar.google.com/citations?hl=en&user=DFzUUEAAAAAJ* *ORCID iD: https://orcid.org/0000-0001-9788-1251* *Scopus ID: 9239752200*		
Activities in specialist bodies over the last 5 years			

Name	Anis Ben Ghorbal		
Post	Associate Professor		
Academic career	Ph.D. in Mathematics	Henri Poincaré University Nancy 1, France	2001
	M.Sc. in Mathematics	Louis Pasteur University Strasbourg1, France	1997
	B.Sc. in Mathematics	Faculty of Sciences of Tunis, University of Tunis 2, Tunisia	1988
Employment	Associate Professor	IMSIU – Saudi Arabia	2022 – Present
	Assistant Professor	IMSIU – Saudi Arabia	2006 – 2022
	Postdoctoral position under the framework of the Italian National Research Program: Quantum probability with applications tophysics, information theory and biology, Grant agreement ID: HPRN-CT-2002-00279	University of Greifswald, Germany Department of Mathematics Francesco Brioschi, Politecnico di Milano, Italy Centro Vito Volterra, University of Rome Tor Vergata, Italy University of Wroclaw, Poland	2002-2006
	Postdoctoral position under the framework of the Italian National Research Program: Quantum Probability and Infinite Dimensional Analysis, Centro Vito Volterra, Faculty of Economics, University of Rome Tor Vergata, Italy	Centro Vito Volterra, University of Rome Tor Vergata, Italy	2001-2002
	Teaching assistant	Henri Poincaré University Nancy 1, France	2000 - 2001
Research and development projects over the last 5 years	▪ 2023-2024 Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), grant number IMSIU-RP23014. ▪ 2023-2024 Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), grant number IFP-IMSIU-2023009. ▪ 2023-2025 *Statistical inference and numerical optimization in copula models, and applications in blind source separation, KACST funding* grant number *13-MAT377- 08.*		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	• M Shrahili, AS Hassan, EM Almetwally, A Ben Ghorbal, I Elbatal: *Alpha power moment exponential model with applications to biomedical science,* Scientific Programming, 2022 • A Ben Ghorbal: *On Properties of Length-Biased Exponential Model*, Mathematical Problems in Engineering 2022. • M M. Abdelwahab, A Ben Ghorbal, A S. Hassan, M Elgarhy, E M Almetwally, A F Hashem: *Classical and Bayesian Inference for the Kavya–Manoharan GeneralizedExponential Distribution under Generalized Progressively Hybrid Censored Data,* Symmetry15 (6), 1193, 2023. • S Baraket, A Ben Ghorbal, A Jeribi: *Generalized lower characteristic involving measures of non-strict singularity,* Topological Algebra and its Applications 11 (1), 2023. • S Baraket, AB Ghorbal, R Chetouane, A Grine: *Blow-up solutions for a 4-dimensional semilinear elliptic system of Liouville type in some general cases*, Boundary Value Problems21 (1), 2024.		
Activities in specialist bodies over the last5 years	None		

Name	*Eltigani Ismail Hassan Abdalla*
Post	*Assistant Professor of Mathematics*

Academic career	*Ph.D. Mathematics*	*Sudan University of Science and Technology*	*2013*
	M.Sc. in Mathematics	*Gazira University*	*2006*
			2003
	B.Sc. in Mathematics	*Umdorman Islamic University*	

Employment	*Assistant Professor*	*IMSIU -Saudi Arabia*	*2013 – Present*
	Assistant Professor	*University of Bahri - College of Applied Science*	*2011-2013*
	Lecturer	*Rumbek University*	*2001-2011*

Research and development projects over the last 5 years	• Application of spectral method on Nano fluid flow governed by highly non-linear differential equations. Project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU- RG-21-09-51) /for the amount of SAR120000 • Applied Mathematics, Cosmology project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU-RP23008) /for the amount of SAR150000 • Mathematical Modeling of Certain Epidemic Models Using Fractional Calculus project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU- RG-21-09-18) /for the amount of SAR120000
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*
Patents and proprietary rights	*NA*
Important publications over the last 5 years	• Generalization of Inequalities in Metric Spaces with Applications, Journal of Applied Mathematics and Physics, 2023, 11, 2923-2931. ISSN: 2327-4379. • Existence and Qualitative Properties of Solution for a Class of Nonlinear Wave Equations with Delay Term and Variable-Exponents Nonlinearities, Axioms 2023, 12(5), 444. ISSN: 2075-1680. • Classical Solutions for the Generalized Kawahara–KdV System, (MDPI), Symmetry 2023, 15, 1159, ISSN: 2073-8994. For more information about research productivity: https://scholar.google.com/citations?user=GboPqA4AAAAJ&hl=ar https://orcid.org/0009-0005-2500-9735 Scopus ID: 0009-0005-2500-9735.
Activities in specialist bodies over the last 5 years	*NA*

Name	*Fehaid Salem Alshammari*		
Post	*Associate Professor in Applied mathematics, mathematical biology*		
Academic career	*DOCTOR OF PHILOSOPHY in Applied Mathematics*	*Queensland University of Technology, Brisbane, Australia.*	*2016*
	MASTER OF APPLIED MATHEMATICS with distinction	*The University of Wollongong, Australia.*	*2010*
	BACHELOR OF MATHEMATICS with high distinction	*King Saud University, Saudi Arabia.*	*2007*
Employment	*Associate professor*	*Imam Mohammad Ibn Saud Islamic University*	*2020-present*
Research and development projects over the last 5 years	*ODEs AND THEIR APPLICATIONS (DYNAMICAL SYSTEMS), PDEs AND THEIR APPLICATIONS, MODELLING AND SIMULATIONS*		
Important publications over the last 5 years	• *Fehaid Salem Alshammari, "A Mathematical Model to Investigate the Transmission of COVID-19 in the Kingdom of Saudi Arabia", Computational and Mathematical Methods in Medicine, vol. 2020, Article ID 9136157, 13 pages, 2020. https://doi.org/10.1155/2020/9136157. (ISI-Q3)* • *Fehaid Salem Alshammari; F. Talay Akyildiz, "Pseudo spectral solution of extended Graetz problem for combined pressure-driven and electroosmotic flow in a triangular micro-duct ", Computers & Mathematics with Applications, 2020. (ISI-Q1)* • *Alshammari, Fehaid S., and Ezgi A. Tezcan "Exploring Radial Kernel on the Novel Forced SEYNHRV-S Model to Capture the Second Wave of COVID-19 Spread and the Variable Transmission Rate" Mathematics 10, no. 9: 1501. https://doi.org/10.3390/math10091501, 2022 (ISI-Q1)*		
Activities in specialist bodies over the last 5 years	*non*	*non*	*non*

Name	Hatem Elsayed Semary		
Post	Associated Professor		
Academic Career	Ph.D. in Statistics (Biostatistics and Demography)	Cairo University	2015
	M.Sc. in Applied Statistic (Operations Research)	Zagazig University	2011
	B.Sc. in Applied Statistics	Tanta University	2000
Employment	Associated Professor	IMSIU, Riyadh (KSA)	2022 -Present
	Associated Professor	Zagazig University	2021 -Present
	Assistant Professor	Zagazig University	2015-2021
	Lecturer	Zagazig University	2011-2015

| Important Publications Over the last 5 years *(Selected recent publications from a total of approx. 23 articles)* | R. E. Ibrahim and H. E. Semary (2020). Estimation for a Simple Step–Stress Model with Type–II Hybrid Censored Data from the Exponentiated Rayleigh Distribution. International Journal of Contemporary Mathematical Sciences. Vol. 15, No. 1, P. 37–52. H. E. Semary, E. M. Hassneen, S. Gamal and A. El-Shabrawy (2021). Determinants of Discontinuation and Switching from Family Planning Methods: Applying to the Egyptian Demographic Health Survey Data 2014. International Journal of Contemporary Mathematical Sciences. Vol. 16, No. 1, P. 35–51. H. E. Semary, E. M. Hassneen and R. E. Ibrahim (2021). Predicting Health Facility Delivery among Women in Egypt Based on Antenatal Care. International Journal of Contemporary Mathematical Sciences. Vol. 16, No. 2, P. 79–99. M. M. Abdelwahab, A. F. Hashem and H. E. Semary (2022). ARIMA Models to Forecast Covid-19 in Kingdom of Saudi Arabia during the Interval (1-2021 to 1-2022) Weekly Using E-VIEWS Program. Advances and Applications in Statistics. Vol. 83, P. 41-60. I. Elbatal, et. al., (2022). A New Family of Lifetime Models: Theoretical Developments with Applications in Biomedical and Environmental Data. Axioms. Vol. 11, No. (361), P. 1-29. H. E. Semary, M. G. Babu and I. Elbatal (2022). A new generalization of Weibull distribution: theory and applications. Advances and Applications in Statistics. Vol. 83, P. 1-25. H. E. Semary, I. M. Abd El-Fatah, S. E. El-Desouky and M. M. El-madawye (2023). Variables Affecting the Mother's Access to Quality Care during Childbirth using The Neural Networks and Logistic Regression Models. Journal of Statistics Applications & Probability. Vol. 12, No. 3, P. 1045-1060. Mahmoud M. Abdelwahab, Khamis A. Al-Karawi and Hatem E. Semary (2023). Deep Learning-Based Prediction of Alzheimer's Disease Using Microarray Gene Expression Data. Biomedicines. Vol. 11, No. 12, P. 2-17. Mahmoud M. Abdelwahab, Khamis A. Al-Karawi, E. M. Hasanin and H. E. Semary (2024). Autism Spectrum Disorder Prediction in Children Using Machine Learning. Journal of Disability Research. Vol. 3, 2023-0064, P. 1-9. H. E. Semary, Khamis A. Al-Karawi and Mahmoud M. Abdelwahab (2024). Using Voice Technologies to Support Disabled People. Journal of Disability Research. Vol. 3, 2023-0063, P. 1-8. | | |

Name	Ibrahim Abdulaziz Ibrahim Aldayel
Post	*Associate Professor in Riemannian manifolds and its applications*

Academic career	*Ph.D. Degree in Mathematics (Geometry and Topology)* *M.Sc. Degree in Mathematics* *B.Sc. Degree in Mathematics*	*King Saud University* *King Saud University* *King Saud University*	*2018* *2013* *2010*
Employment	Associate Professor Assistant Professor Assistant Lecturer Demonstrator	*IMSIU – Saudi Arabia* *IMSIU – Saudi Arabia* *IMSIU – Saudi Arabia* *IMSIU – Saudi Arabia*	*2022 -Present* *2018 – 2022* *2014 – 2018* *2010 - 2014*

Research and development projects over the last 5 years	*2022-2023, Principal Investigator, Geometry of Riemannian manifolds and submaifolds and special vector fields, Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), Research Group No. RG-21-09-09.*
Industry collaborations over the last 5 years	*None*
Patents and proprietary rights	*None*
Important publications over the last 5 years	- *Ibrahim Al-Dayel, Sharief Deshmukh, Olga Belova, A remarkable property of concircular vector fields on a Riemannian manifold,* - *Ibrahim Al-Dayel, Sharief Deshmukh, Gabriel-Eduard Vîlcu, Trans-Sasakian static spaces Results in Physics 31, 105009* - *Ibrahim Al-Dayel, Sharief Deshmukh, Mohd Danish Siddiqi, A characterization of GRW spacetimes, Mathematics 9 (18), 2209* - *Ibrahim Al-Dayel, M Ali Khan, Ricci curvature of contact CR-warped product submanifolds in generalized Sasakian space forms admitting nearly Sasakian structure, AIMS Mathematics 6 (3), 2132-2151* - *Sharief Deshmukh, Ibrahim Al-Dayel, Concircularity on GRW-space-times and conformally flat spaces, International Journal of Geometric Methods in Modern Physics 18 (08), 2150132* - *Sharief Deshmukh, Ibrahim Al-Dayel, Devaraja Mallesha Naik, On an Anti-Torqued Vector Field on Riemannian Manifolds. Mathematics 9 (18), 2201* - *Ibrahim Al-Dayel, Sharief Deshmukh, On Compact Trans-Sasakian Manifolds, Advances in Mathematical Physics 2022, 6.* - *Meraj Ali Khan, Ibrahim Aldayel, Ricci curvature inequalities for skew CR-warped product submanifolds in complex space forms. Mathematics 8 (8), 1317.* - *Ibrahim Al-Dayel, Estimation of Ricci Curvature for Hemi-SlantWarped Product Submanifolds of Generalized Complex Space Forms and Their Applications, Symmetry, 2023, 15, 1156* - *Ibrahim Al-Dayel, Value of first eigenvalue of some minimal hypersurfaces embedded in the unit sphere. AIMS Mathematics, 8 (11) (2023), 26532– 26542.*

Activities in specialist bodies over the last 5 years	*Saudi Society for Mathematics (SAMS)*	*Member*	*2019 - 2023*
	Saudi Society for Mathematics (SAMS)	*Member and Secretary*	*2023-2026*

Name	Khalid Masood		
Post	Associate Professor		
Academic career	Assistant Professor	KFUPM-Hafr al batin community college	2002
			Year
	Ph. D.	King Fahd Univ. of Petrol. & Minerals Dhahran KSA	Year
	Applied Mathematics		2002
	Mathematics	SUNY at Buffalo USA	1993
	BS (Mathematics and Phys.)	Govt. College Lahore Pakistan	1987
Employment	Associate Prof.	IMSIU	2021-to date
	Prof.	The Green Int. Univ. Lahore Pakistan	20019-2021
	Associate Prof.	Univ. of Hafr al Batin, KSA	2014-2018
	Associate Prof.	KFUPM-ACHB, KSA	2009-20014
	Assistant Prof		2002-2009
	Lecturer	KFUPM-HBCC, KSA	1996-2002
		KFUPM, KSA	
Research and development projects	Warped product submanifolds of almost contact metric manifolds; grant number IMSIU-RG23036 (In Progress).		
Industry collaborations	Nil		
Patents	Nil		
Important publications	2 publications		
Activities in specialist bodies over the last 5 years	Nil		

Name	Mahmoud Mohamed Abdelwahab		
Post	Associate Professor		
Academic career	Ph.D. Degree in applied statistics	Cairo university	2017
	M.Sc. Degree in applied statistics	Cairo university	2012
	B.Sc. Degree in Mathematics	Minya university	2005
Employment	Position	Employer	Period
	Associate Professor	IMSIU, Riyadh (KSA)	2023- Present
	Assistant Professor	IMSIU, Riyadh (KSA)	2022-2023
	Assistant Professor	Higher Institute of Administrative Sciences (EGY)	2018-2022
Research and development projects over the last 5 years	1. Mohammed Mousa Al-Zharani, Mohammed Ahmed Mubarak, Hassan Ahmed Rudayni, Amin Ahmed Al-Doaiss, Mahmoud Mohammed Abd-elwahab, Mohammed Saad Al-eissa (2023), Quercetin as a Dietary Supplementary Flavonoid Alleviates the Oxidative Stress Induced by Lead Toxicity in Male Wistar Rats. Nutrients journal. Volume 15, Issue 8.		
	2. Mohammed Al-Zharani, Mohammed Mubarak, Hassan Ahmed Rudayni, Mahmoud M. Abdelwahab, Mohammed Al-Eissa (2023), Intoxication Induced by Urea Containing Diets in Broiler Chickens: Effect on Weight Gain, Feed Conversion Ratio, Hematological and Biochemical Profiles, Advances in Bioscience and Biotechnology. Volume 14, Issue 3.		
	3. Mahmoud M. Abdelwahab, Anis Ben Ghorbal, Amal S. Hassan, Mohammed Elgarhy, Ehab M. Almetwally and Atef F. Hashem (2023), Classical and Bayesian Inference for the Kavya–Manoharan Generalized Exponential Distribution under Generalized Progressively Hybrid Censored Data. symmetry journal. Volume 15, Issue 6.		
	4. Mahmoud M. Abdelwahab, Khamis A. Al-Karawi and Hatem E. Semary (2023), Deep Learning-Based Prediction of Alzheimer's Disease Using Microarray Gene Expression Data, Biomedicines, Volume 11, Issue 10.		
	5. M. A. Abdelgawad, H. M. Barakat, M. M. Aabdelwahab, M. A. Zaky, I. A. Husseiny. (2023), Fisher Information and Shannon's Entropy for Record Values and Their Concomitants under Iterated FGM Family. Romanian Journal of Physics.		
	6. Mahmoud M. Abdelwahab, Mohamed R. Abonazel, Ali T. Hammad and Amera M. El-Masry (2024), Modified Two-Parameter Liu Estimator for Addressing Multicollinearity in the Poisson Regression Model. Axioms, Volume 13, Issue 1.		
	7. Mahmoud M. Abdelwahab (2024), Measures of Sample Skewness and Kurtosis for AR (1) Model with Missing Data with Applications in Economic Data, Journal of Statistics Applications & Probability.		
	8. A. H. Tedjani, Mahmoud M. Abdelwahab (2024), An Efficient Scheme to Solve Fourth Order Nonlinear Triply Singular Functional Differential equation, Advances in Differential Equations and Control Processes.		
	9. Mahmoud M. Abdelwahab, Khamis A. Al-Karawi, E. M. Hasanin and H. E. Semary, (2024), Autism Spectrum Disorder Prediction in Children Using Machine Learning, Journal of Disability Research, Volume 3, pp 1-9.		
	10. H. E. Semary, Khamis A. Al-Karawi3 and Mahmoud M. Abdelwahab, (2024), Using Voice Technologies to Support Disabled People, Journal of Disability Research, Volume 3, pp 21-30.		
Industry collaborations over the last 5 years	Time Series Models to Forecast Brent Crude Oil Prices and The Impact of Covid (19)		
	Saudi Arabia, for funding this research work through Grant No. (221412052).		

Name	Mohammed AbaOud		
Post	Associate Professor		
Academic career	*Ph.D.*	Wollongong University	*2014*
	MSc	Wollongong University	*2010*
	B.Sc.	King Saud University	*2007*
Employment	*Associate Professor*	*IMSIU- Saudi Arabia*	*2021-present*
	Assistant Professor	*IMSIU- Saudi Arabia*	*2015-2021*
	Teaching Assistant	*IMSIU- Saudi Arabia*	*2007-2013*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. Goard, J.; AbaOud, M. Pricing of Al-Urbun and a Class of Al-Istijrar Islamic Contracts under the Black–Scholes Framework. *Mathematics* **2024**, *12*, 252. https://doi.org/10.3390/math12020252. 2. Goard, J.; AbaOud, M. Pricing European and American Installment Options. *Mathematics* **2022**, *10*, 3494. https://doi.org/10.3390/math10193494 3. Aba Oud M, Almuqrin M. On the early detecting of the COVID-19 outbreak. J Infect Dev Ctries. 2021 Nov 30;15(11):1625-1629. doi: 10.3855/jidc.13914. PMID: 34898489. 4. Blyth, S. 2013. An Introduction to Quantitative Finance. Translated by M. AbaOud, Riyadh: IMAMU Press, 2019.		
Activities in specialist bodies over the last 5 years	-		

Name	Mohamed Abdelgawad Ahmed Salem
Post	Associate professor of Mathematical Statistics

Academic career	Ph.D. in Mathematical Statistics	C. China Normal University – Wuhan, China	2017
	M.Sc. in Mathematical Statistics	Benha University – Benha, Egypt	2012
	B.Sc. in Mathematics	Benha University – Benha, Egypt	2005

Employment	Associate Professor	IMSIU – Saudi Arabia	2023 – Present
	Assistant Professor	IMSIU – Saudi Arabia	2022-2023
	Assistant Professor	Benha University – Egypt	2017 – 2022
	Senior Lecture	Benha University– Egypt	2012-2017

Research and development projects over the last 5 years	2023-2024 Principal-Investigator, *Statistics inferences and estimation under concomitants generalized order statistics*, Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), grant number IMSIU-RG23114, SAR 120000.

Industry collaborations over the last 5 years	None

Patents and proprietary rights	None

Important publications over the last 5 years	- Fisher Information, Asymptotic Behavior, and Applications for Generalized Order Statistics and Their Concomitants Based on the Sarmanov Family. Axioms, 2023, 13,17. - Extropy and Some of Its More Recent Related Measures for Concomitants of K-Record Values in an Extended FGM Family. Mathematics,2023, 11(24), 4934. - Scrutiny of a More Flexible Counterpart of Huang–Kotz FGM's Distributions in the Perspective of Some Information Measures. Symmetry, 2023, 15(6), 1257. - Extropy and Some of Its More Recent Related Measures for Concomitants of K-Record Values in an Extended FGM Family. Mathematics, 2023, 11(24), 4934. - Medical Diagnosis under Effective Bipolar-Valued Multi-Fuzzy Soft Settings. *Mathematics*. 2023; 11(17):3747. - Cumulative Residual Tsallis Entropy-Based Test of Uniformity and Some New Findings. Mathematics. 2022; 10(5):771.

Activities in specialist bodies over the last 5 years	Mathematica Slovaca	Reviewer	2019-Present
	Filomate	Reviewer	2019-Present
	Heliyon	Reviewer	2019-Present

Name	Mohamed Ahmed Sidaty		
Post	Professor of Analysis		
Academic career	Ph.D. in Functional Analysis	Faculty of Sciences–Rabat, Morocco	2005
	M.Sc. in Functional Analysis	Ecole Normale superieure – Rabat, Morocco	1989
	B.Sc. in Mathematics (OR track)	Ecole Normale superieure – Nouakchott, MRT	1986
Employment	Associate Professor	IMSIU – Saudi Arabia	2009– Present
	Associate Professor	ENS– Nouakchott, Mauritania	2005 – 2009
	Assistant Professor	ENS– Nouakchott, Mauritania	1989 – 2005
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	M. A. Ould Sidaty: Kothe dual of some vector-valued sequence spaces, European journal of pure and applied mathematics, Vol. 17, No. 1, 2024, 171-179. M. A. Ould Sidaty: Nuclearity of a Class of Vector-valued Sequence Spaces, European journal of pure and applied mathematics, vol. 16, No. 3, 2023, 1762-1771. M. A. Ould Sidaty: Duality in a class of vector Kothe-Orlicz spaces, Applied Mathematics & Information Sciences: Vol. 17: Iss. 4, 2023, 437-444. 4. M. A. Ould Sidaty: Reflexivity of vector-valued Kothe-Orlicz sequence spaces. Turk J Math, 42, (2018), 911-923.		
Activities in specialist bodies over the last 5 years	None		

Name	*Naif Mohammed Ayedh Alotaibi*		
Post	*Associate Professor*		
Academic career	*PhD in Mathematics and Statistics*	*University of Salford in UK*	*2018*
	Master of Science in Statistics	*King Saud University in SA*	*2009*
	Bachelor of Mathematics	*Teachers College - King Saud University in SA*	*2003*
Employment	*Associate Professor in the Department of Mathematics and Statistics*	*College of Sciences - IMSIU*	*From 28/08/1443H Until now*
	Assistant Professor in the Department of Mathematics and Statistics	*College of Sciences - IMSIU*	*1439H-1443H*
	Lecturer in the Department of Mathematics and Statistics	*College of Sciences - IMSIU*	*1431H - 1439H*
	Lecturer in Mathematics Department	*Teachers College - Riyadh*	*1429H-1431H*
	Assistant Teacher in Mathematics Department	*Teachers College - Riyadh*	*1424H -1429H*
Research and development projects over the last 5 years	***International Research Partnership**, One-year, funded by the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (grant number RP-21-09-05), Amount: (SAR200000)*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. *Scarf, P., Khare, A., & **Alotaibi, N**. (**2022**). On skill and chance in sport. IMA Journal of Management Mathematics, 33(1), 53-73.* 2. *Nafisah, I., Shrahili, M., **Alotaibi, N**., & Scarf, P. (**2019**). Virtual series-system models of imperfect repair. Reliability Engineering & System Safety, 188, 604-613.* 3. *Scarf, P., Shrahili, M**., Alotaibi, N**., Jobson, S., & Passfield, L. (**2019**). Modelling the effect of training on performance in road cycling: estimation of the Banister model parameters using field data. arXiv preprint arXiv:1902.02061.*		
Activities in specialist bodies over the last 5 years	-		

Name	Said El Manouni		
Post	Associate Professor		
Academic career	Assistant Professor (Math)	Fez University, Morocco	2000-2002
	Associate Researcher (Func. Anal. & Theory of PDEs)	Universities of: Magdeburg, TU-Berlin, FU-Berlin	2002-2006
		Fez University, Morocco	2000
	PhD (Func. Anal. & Theory of PDEs)		
	BSc (Math)	Fez University, Morocco	1994
Employment	Associate Professor	Imam University	2006-present
Research and development projects over the last 5 years	International Research Partnership, 1 year possibly extended, in collaboration with Florida Institute of Technology, USA, Amount: around 120000 SAR		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	1- **S. El Manouni** (with H. Hajaiej and P. Winkert), Bounded solutions to nonlinear problems in IRN involving the fractional Laplacian depending on parameters, Minimax Theory Appl. 2, No. 2, pp. 265-283 (2017). 2- **S. El Manouni** (with M. Chrif and H. Hjiaj), Parabolic Problems in Non-Standard Sobolev Spaces of Infinite Order, Le Matematiche, 73, No. 2, pp. 341-369 (2018). 3- **S. El Manouni** (with M. Chrif and H. Hjiaj), Parabolic anisotropic problems with lower order terms and integrable data, Differential Equations & Applications (DEA), 12(4), pp. 411- 442 (2020). 4- **S. El Manouni** (with M. Chrif and H. Hjiaj), On the study of strongly parabolic problems involving anisotropic operators in L^1, Monatsh. Math., 195, pp. 611-647 (2021). 5- **S. El Manouni** (with M. Greta and P. Winkert), Existence results for double phase problems depending on Robin and Steklov eigenvalues for the p-Laplacian, Adv. Nonlinear Anal., 11, pp. 304-320 (2022).		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	AMS, EMS	Member	2002-present

Name	*Waleed Eltayeb Ahmed*		
Post	*Associate Professor in Applied Mathematics*		
Academic career	*Ph.D. In Applied Mathematics* *M.Sc. In Industrial and Computational Mathematics* *B.Sc. (Honour), Joint subject in Mathematics and Computer Sciences*	*Faculty of Mathematical Science, University of Khartoum, Sudan.* *Faculty of Mathematical Science, University of Khartoum, Sudan.* *Faculty of Mathematical Science, University of Khartoum, Sudan*	*2013* *2008* *1998*
Employment	*Associate Professor*	*Imam Mohammad Ibn Saud Islamic University*	*2014 – till now*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	- *Ahmed, W. E. Ninety-Six Distinct Real Matrices for Representing a Quaternion Number. Journal of Mathematics, 2020. Article ID 2412491.* - *Ahmed, W. E. (2022). New Formula for Computing Quaternion Powers. Applied Mathematics, 13, 282-294.* - *Ahmed, W. E. (2021). Powers of Octonions. Applied Mathematics, 12, 75-84.* - *Ahmed, W. E. (2019). A modern Method for Constructing the S-Box of Advanced Encryption Standard. Applied Mathematics, 10, 234-244.* - *Ahmed, W. E. (2019). On Rijndael ByteSub Transformation. Applied Mathematics, 10, 113-118.* - *Elzupir AO, Ahmed WE. H test for exclusion: A guide to an intervention approach to lessen the risk of aflatoxin contaminated foods in sorely contaminated regions. J Food Saf. 2019, e12692.*		
Activities in specialist bodies over the last 5 years	-		

Name	*AKM Azad*		
Post	*Assistant professor of Biostatistics, AI & Data Science*		
Academic career	*PHD in Mathematics*	Monash University, Australia	*2017*
	Master's degree	Gwangju Institute of Science & Technology, South Korea	*2012*
	Bachelor's degree in computer science & engineering	*University of Dhaka, Bangladesh*	*2008*
Employment	Assistant professor	IMSIU -Saudi Arabia	2022-present
	Lecturer – Level B (equiv. Assistant Professor)	Swinburne University of Technology Sydney - Australia	2019-2022
	Data Scientist	Children's Medical Research Institute, Sydney, Australia	2021-2022
Research and development projects over the last 5 years	- International Research Partnership, 2023		
Important publications over the last 5 years	1) Hasan MM, Hossain MM, Rahman MM, **Azad AK**, Alyami SA, Moni MA. *FP-CNN: Fuzzy pooling-based convolutional neural network for lung ultrasound image classification with explainable AI*. **Computers in Biology and Medicine**. 2023 Oct 1; 165:107407. 2) Batin MA, Islam M, Hasan MM, **Azad AK**, Alyami SA, Hossain MA, Miklavcic SJ. *WheatSpikeNet: an improved wheat spike segmentation model for accurate estimation from field imaging*. **Frontiers in Plant Science**. 2023;14. 3) Aurna NF, Yousuf MA, Taher KA, **Azad AK**, Moni MA. *A classification of MRI brain tumor based on two stage feature level ensemble of deep CNN models*. **Computers in biology and medicine**. 2022 Jul 1; 146:105539. 4) **Azad AK**, Fatima S, Capraro A, Waters SA, Vafaee F. *Integrative resource for network-based investigation of COVID-19 combinatorial drug repositioning and mechanism of action*. **Patterns**. 2021 Sep 10;2(9). 5) **Azad AK**, Alyami SA. *Discovering novel cancer bio-markers in acquired lapatinib resistance using Bayesian methods*. **Briefings in Bioinformatics**. 2021 Sep;22(5): bbab137. 6) **Azad AK**, Dinarvand M, Nematollahi A, Swift J, Lutze-Mann L, Vafaee F. *A comprehensive integrated drug similarity resource for in-silico drug repositioning and beyond*. **Briefings in bioinformatics**. 2021 May; 22 (3): bbaa126.		

Name	Ali Tedjani		
Post	Assistant professor of Mathematics in Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia.		
Academic career	Assistant Professor of Mathematics	Riyadh College of Technology	1999-2013
	Doctor of Philosophy in Numerical Analysis	Pierre and Marie Curie (Paris VI) University, France	1991
	M.Sc. in Numerical Analysis	Pierre and Marie Curie (Paris VI) University, France	1986
Employment	Assistant professor	Imam Mohammad Ibn Saud Islamic University	2014 to date
Research and development projects over the last 5 years	The research priorities of Imam Mohammad Ibn Saud Islamic University (IMSIU). Some Aspects of Graphs of specific rings and specific modules. 2023|2024 - IFP-IMSIU-2023026, 30000 SR.		
Important publications over the last 5 years	Recent publications from a total of 8 publications. M.A.Abdekawy, E.M.Soluma,A.H.Tedjani and E.Hassan: Spectral collaction technique for solving fractional generalized Cattaneo model, International Journal of Modern Physics C (IJMPC). Published 2023/5/17. 2350155 A. H. Tedjani, Aly R. Seadawy, Syed T. R. Rizvi, Emad Solouma, Construction of Hamiltonina and optical solitons along with bifurcation analysis for the perturbed Chen–Lee–Liu equation, Optical and Quantum Electronics, Published online October 07, 2023. A. H. Tedjani, Numerical treatment via the spectral collocation method for Casson–Williamson nanofluid flow due to a stretching sheet with slip conditions, Case Studies in Thermal Engineering 51, 103588, October 07, 2023. A. H. Tedjani, Aly R. Seadawy, Syed T. R. Rizvi, Emad Solouma, Construction of chirped propagation with Jacobi elliptic functions for the nonlinear Schrödinger equations with quadratic nonlinearity with inter-modal and spatio-temporal dispersions, The European Physical Journal Plus. Published online November 03, 2023. Eric Ngondiep1, Ali. H. Tedjani, Unconditional stability and fourth-order convergence of a two-step time split explicit/implicit scheme for two - dimensional nonlinear unsteady convection-diffusion-reaction equation, Advanced in Applied Mathematics and Mechanics. Accepted Jun 10, 2023.		

Name	Alnadhief H. A. Alfedeel
Post	Assistant Professor of Applied Mathematics

Academic career	Ph.D. Applied Mathematics	University of Cape Town	2013
		University of Cape Town	2009
	M.Sc. in Applied Mathematics		

Employment	Assistant Professor	IMSIU -Saudi Arabia	2019 – Present
	Associate Professor	Khartoum University-Sudan	2013-2019

Research and development projects over the last 5 years	Application of spectral method on Nano fluid flow governed by highly non-linear differential equations. • One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number RG-21-09-51)/for the amount of SAR150000. Mathematical Modeling of Certain Epidemic Models Using Fractional Calculus • One-year project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number RG-21-09-18)/for the amount of SAR150000. •
Industry collaborations over the last 5 years	Project title: NA Partners: NA
Patents and proprietary rights	NA
Important publications over the last 5 years	For more information about research productivity: Google Scholar Link: Alnadhief H. A. Alfedeel (AHA Alfedeel) - Google Scholar ORCID iD: 0000-0002-8036-268X Web of Science ID: EJB-7253-2022

Name	*Atef Faragalla Hashem Faragalla*		
Post	*Assistant Professor*		
Academic career	*Ph.D. in Mathematical Statistics*	Beni-Suef University, Egypt	*2018*
	M.Sc. in Mathematical Statistics	Beni-Suef University, Egypt	*2014*
	B.Sc. in Mathematics	Beni-Suef University, Egypt	*2008*
Employment	*Assistant Professor*	*IMSIU, Riyadh (KSA)*	*3/2022 - Present*
	Assistant Professor	Beni-Suef University, Egypt	*2018-2022*
	Lecture	Beni-Suef University, Egypt	*2010-2018*
Important publications over the last 5 years. *(Selected recent publications from a total of approx. 185 articles)*	1. Abdel-Hamid, A.H and Hashem, A.F. (2021) Inference for the Exponential Distribution under Generalized Progressively Hybrid Censored Data from Partially Accelerated Life Tests with a Time Transformation Function. Mathematics, 9(13):1510. 2. Hashem, A.F., Alyami, S.A., and Abdel-Hamid, A.H. (2022) Inference for A Progressive-Stress Model Based on Ordered Ranked Set Sampling Under Type-II Censoring. Mathematics, 10(15): 2771. 3. Hashem, A.F., and Abdel-Hamid, A.H. (2023) Statistical Prediction Based on Ordered Ranked Set Sampling Using Type-II Censored Data from the Rayleigh Distribution under Progressive-Stress Accelerated Life Tests. Journal of Mathematics, vol. 2023, Article ID 5211682, 19 pages. 4. Alotaibi, N., Hashem, A.F., Elbatal, I., Alyami, S.A., Al-Moisheer, A.S., and Elgarhy, M. (2022) Inference for a Kavya–Manoharan inverse length biased exponential distribution under progressive-stress model based on progressive type-II censoring. Entropy, 24(8), 1033. 5. Yousef, M.M., Alyami, S.A., and Hashem, A.F. (2022) Statistical Inference for a Constant-Stress Partially Accelerated Life Tests Based on Progressively Hybrid Censored Samples from Inverted Kumaraswamy Distribution. PLOS One, 17(8): e0272378.		

Name	Azedine Grine		
Post	Assistant Professor of Statistics		
Academic career	Ph.D. in Statistics	Paris VI University- Paris, France	1985
	M.Sc. in Statistics	Paris VI University – Paris, France	1983
	B.Sc. in Mathematics	H. Boumediene University – Algiers, Algeria	1982
Employment	Assistant Professor Assistant Professor Assistant Professor Assistant Professor	IMSIU – Saudi Arabia Laval University-Canada Blida University – Algeria Rene Descartes University-Paris - France	2005 – Present 1998 – 2005 1992 – 1998 1985 – 1992
Research and development projects over the last 5 years	2023-2024 Principal-Investigator, *Physics & Mathematics*, Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), grant number IMSIU-RG23081.		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	• A bivariate Distribution with a Two-parameters exponential Conditional-American journal of applied Mathematics and Statistics, Vol.6 No.5,201-209,2018 • A pseudo-Bivariate weibull-G family – Advanced and Applications in statistics 53(5),473-486,2018. • Blow-up solution for a 4-dimensional semilinear elliptic system of Liouville type in some general cases., doi.org/10.1186/s13661-024-01828-4, 2024 • Last energy nodal solution for a weighted (N,p)-Schrodinger problem involving a continous potential under exponential growth nonlinearity , doi.org/10.1186/s 13661-024-01829- 3,2024 • Medical application with an extended Ailamujia inverted-Weibull Model:Properties:Estimation and Simulation-Alexandria Engineering Journal to appear (accepted)		
Activities in specialist bodies over the last 5 years	None		

Name	Ehab M. Almetwally		
Post	Assistant Professor		
Academic career	Ph.D. in Mathematical Statistics	Cairo University	2023
	M.Sc. in Mathematical Statistics	Cairo University	2019
	B.Sc. in Statistics	Zagazig University	2016
Employment	Assistant Professor	IMSIU, Riyadh (KSA)	2023 - Present
	Assistant Professor	Delta University for Science and Technology	2022-2023
	Lecture	Delta University for Science and Technology	2019-2022

Important publications over the last 5 years (Selected recent publications from a total of approx. 185 articles)	1-Bivariate step-stress accelerated life test for a new three-parameter model under progressive censored schemes with application in medical. AIMS Mathematics, 2024. 9(2): 3521–3558. 2-Progressive Type-II hybrid censored schemes based on maximum product spacing with application to Power Lomax distribution. Physica A: Statistical Mechanics and its Applications, 2020, 553, 124251. 3-Bayesian and Non-Bayesian Estimation for a New Extension of Power Topp–Leone Distribution under Ranked Set Sampling with Applications. Axioms, 2023, 12 (722), 1-33 4- Stress–Strength Reliability Analysis for Different Distributions Using Progressive Type-II Censoring with Binomial Removal. Axioms 2023, 12(11),1-23 5. A new extended Rayleigh distribution with applications of COVID-19 data. Results in Physics, 2021, 23, 104012. 6-On Odd Perks-G Class: Properties, Regression model, Discretization,Bayesian and Non Bayesian Estimation and Applications. Symmetry, 14 (5), 1-29.

Name	*Foued Aloui*		
Post	*Assistant Professor of mathematics in college of science IMSIU*		
Academic career	*PhD in Mathematics (Differential Geometry)*	*Sousse University*	*2018*
	Master's degree in mathematics	*Kairouan University*	*2013*
	Bachelor's degree in mathematics	*Kairouan Universitry*	*2010*
Employment	*Asssistant Professor*	*IMSIU*	*2022-present*
	Assistant Professor	*ESSTHS, Tunisia*	*2019-20202*
	Research	*ESSTHS, Tunsia*	*2013-2019*
Research and development projects over the last 5 years	*International Research Partnership Agreement,* *Period: 1 years, 2023-2024.*		
Important publications over the last 5 years	*1- Contact CR-Warped product submanifold od a Sasakian space form with semi-symmetric metric connection. Symmetry* **2024**, *16* (2), 190. *2- Ricci Curvature Inequalities for contact CR-Warped product Submanifolds of an Odd Dimensional Sphere Admitting a Semi-Symmetric Metric Connection. Symmetry,* **2024**, *16 (1), 19p.* *3- Poisson Doubly Warped Product Manifolds, MDPI,* **2023**, *11(3), 14P.* *4- Geometry of tangent Poisson Lie-Groups, MDPI,* **2023**, *11(1), 18p.* *5- Reduced Riemannian Poisson manifolds and Riemannian Poisson-Lie groups, Diff Geo and its application,* **2020**, *68, 18p.*		

Name	Lotfi Jlali		
Post	Assistant professor of mathematics		
Academic career	PHD in Mathematics (Partial Differential Equations)	University El Manar, Tunisia	2017
	Master degree in mathematics	King Saud University, Saudi Arabia	2013
	Bachelor degree in mathematics	University El Manar, Tunisia	2007
Employment	Assistant professor	IMSIU -Saudi Arabia	2022-present
	Assistant professor	KSU- Saudi Arabia	2018-2022
Research and development projects over the last 5 years	-International Research Partnership Agreement, Period: 1 years, 2023-2024. -Research financing agreement (Research Priorities of Imam University).		
Important publications over the last 5 years	1. Jlali Lotfi and Benameur Jamel. "Long time decay of Incompressible Convective Brinkman-Forchheimer in L2(R3) ". Demonstratio Mathematica preprint (2024). 2. M.kiranre, D. Ala, Jlali Lotfi. Blowing-up solutions fort he More-Gibson-Thompson equation with visco-elastic memory and an external force, Authorea. October 03,2023. **DOI.1**0.22541/au.169633267.71677201/v1. 3. M. Kirane, A. Nabti, Jlali Lotfi « Absence of Global Solutions to Wave Equations with Structural Damping and Non-linear Memory. Reviews in Communications in Nonlinear Science and Numerical Simulation.Oct 2023. 4. Jlali, Lotfi. "Long time decay for 3D Navier-Stokes equations in Fourier-Lei-Lin spaces: "Open Mathematics, vol. 19, no.1, 2021, pp. 898-908. https://doi.org/10.1515/math-2021-0060 5. Benameur, Jamel and Jlali, Lotfi. "Long time decay of 3D-NSE in Lei-Lin-Gevrey spaces: "Mathematica Slovaca, vol. 70, no. 4, 2020, pp. 877-892. https://doi.org/10.1515/ms-2017-0400		

Name	Mahmoud ZAKY		
Post	*Assistant Professor*		
Academic career	*Ph.D. in Mathematics (Numerical Analysis)*	*Beni-Suef University*	*2018*
	M.Sc. in Mathematics (Numerical Analysis)	*Beni-Suef University*	*2015*
	B.Sc. in Mathematics	*Beni-Suef University*	*2011*
Employment	*Assistant Professor*	*IMSIU, Riyadh (KSA)*	*2023 - Present*
	Visiting Researcher	*KSU, Riyadh (KSA)*	*2021-2022*
	Post-Doctoral Fellow	*NU, Kazakhstan*	*2021-2022*
	Researcher	*NRC, Egypt*	*2018 - Present*
	Assistant	*Zewail University, Egypt*	*2016-2017*
	Assistant	*NRC, Egypt*	*2015-2018*
Important publications over the last 5 years *(Selected recent publications from a total of approx. 113 articles)*	*1. On the Rothe-Galerkin spectral discretisation for a class of variable fractional-order nonlinear wave equations, KV Bockstal, MA Zaky, AS Hendy Fractional Calculus and Applied Analysis 26 (2023), 2175–2201.* *2. Graded mesh discretization for coupled system of nonlinear multi-term time-space fractional diffusion equations, AS Hendy, MA Zaky Engineering with Computers 38 (2022), 1351–1363.* *3. On the existence and uniqueness of solutions to a nonlinear variable order time-fractional reaction–diffusion equation with delay, K Van Bockstal, MA Zaky, AS Hendy Communications in Nonlinear Science and Numerical Simulation 115 (2022), 10675.5* *4. Semi-implicit Galerkin–Legendre spectral schemes for nonlinear time-space fractional diffusion–reaction equations with smooth and nonsmooth solutions, MA Zaky, AS Hendy Journal of Scientific Computing 82 (2020), 1-27.* *5. Recovery of high order accuracy in Jacobi spectral collocation methods for fractional terminal value problems with non-smooth solutions, MA Zaky Journal of Computational and Applied Mathematics 357 (2019), 103-122.* *6. Existence, uniqueness and numerical analysis of solutions of tempered fractional boundary value problems, MA Zaky Applied Numerical Mathematics 145 (2019), 429-457.*		

Name	Md Aquib		
Post	Assistant Professor (Differential Geometry and Differentiable Manifolds)		
Academic career	Ph. D	Jamia Millia Islamia, Delhi, India	2018
	MSc	Jamia Millia Islamia, Delhi, India	2014
	B.Sc.	Jamia Millia Islamia, Delhi, India	2012
Employment	Assistant Professor	IMSIU, Saudi Arabia	12.11.2023 up to now
	Post Doctorate	Hangzhou Normal University, China	01. 01. 2023 to 31.10.2023
	Assistant Professor	SVC, University of Delhi, India	01. 01. 2021 to 30. 12. 2022
	Assistant Professor	University of Delhi, Delhi, India	17. 08. 2020 to 28. 11. 2020
	Assistant Professor	Jamia Millia Islamia (SF), Delhi, India	17.07.2019 to 31.05.2021
	Assistant Professor	Jamia Millia Islamia, Delhi, India	07. 08. 2018 to 31. 05. 2020

| Important publications over the last 5 years | 1. Mohd. Aquib, Mohamd Saleem Lone, Crina Neacsu and Gabriel-Eduard Vilcu, On δ-Casorati curvature invariants of Lagrangian submanifolds in quaternionic Kaehler manifolds of constant q-sectional curvature, Rev. Real Acad. Cienc. Exactas Fis. Nat. Ser. A-Mat, (2023) 117:107.
2. Mohd. Aquib, M. Aslam, M. H. Shahid, Bounds on Ricci curvature for doubly warped products pointwise bi-slant submanifolds and applications to Physics, Filomat, 37 (2) (2023).
3. Mohd. Aquib, S. Uddin, M. H. Shahid, Ricci curvature for pointwise semi-slant warped products in non-Sasakian generalized Sasakian space forms and its applications, Hacettepe Journal of Mathematics and Statistics, 51 (6) (2022), 1535 – 1549. DOI: 10.15672/hujms.1034883.
4. Mohd. Aquib, A. Mihai, I. Mihai, S. Uddin, Some obstructions to doubly warped product immersions in generalized complex space forms, Symmetry, 14 (2022), 1747. https://doi.org/ 10.3390/sym14081747.
5. Meraj Ali Khan, Ali H. Al-Khaldi, and Mohd. Aquib, Estimation of eigenvalues for the α-Laplace operator on pseudo-slant submanifolds of generalized Sasakian space forms, AIMS Mathematics, 7(9) (2022), 16054–16066.
6. Mohd Aquib, Meraj Ali Khan, Adela Mihai and Ion Mihai, Some pinching results for Bi-slant submanifolds in S-space forms, Mathematics, 10 (9) (2022), 1538.
7. Ali H. Al-Khaldi, Meraj Ali Khan, Mohd. Aquib, and Lamia Saeed Alqahtani, Estimation of eigenvalues for the ψ-Laplace operator on Bi-slant submanifolds of Sasakian space forms, Frontier in Physics, 10:870119 (2022).

REVIEW BOOK CHAPTERS PUBLISHED:

1. Luis M. Fernández, Mohd. Aquib, P. Bansal, The slant submanifolds in the setting of metric f -manifolds, In: Chen, BY., Shahid, M.H., Al-Solamy, F. (eds) Contact Geometry of Slant Submanifolds. Springer, Singapore, 2022. |

Name	Mohammed Messaoudi		
Post	Assistant Professor of Computer Science		
Academic career	Ph.D. in Computer Science	University of Durham - England	1994
	MPhil in Computer Science	University of Durham - England	1990
	BSc in Computer Science	University of Oran - Algeria	1986
Employment	Position	Employer	Period
	Assistant Professor	IMSIU-KSA	2004-Present
	Consulant	Alleyne Inc.-Canada	2000-2004
	Assistant Professor	Institute of Public Administration	1988-2000
	Software Developer	Arabian Advanced Systems-KSA	1986-1988
Research and development projects over the last 5 years	"Arabic Automatic Text Translation Interface". Grant from the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU).		
Industry collaborations over the last 5 years	N/A		
Patents and proprietary rights	N/A		
Important publications over the last 5 years	• Mohammed Messaoudi. Developing the transliteration interface for Arabic text. International Journal of Computer Applications. Foundation of Computer Science, 244 5th Avenue, # 1526, New York, NY 10001, USA. Vol.975. 2013. • Mohammed Messaoudi. A Model for Viewpoint Control in Requirements Elicitation. Journal of Computer Science and Technology Studies. Vo. 4, No. 1, 2022. • Mohammed Messaoudi. A Model for Requirements Validation through Viewpoint Control. International Journal of Computer Applications, Vol. 184, issue 4, 2022.		
Activities in specialist bodies over the last 5 years	None		

Name	Youssef Lazar		
Post	Assistant Professor in Mathematics		
Academic career	BSc in Mathematics	Paris 12 University (France)	2004
	M.Sc. Mathematics	Paris 6 University (France)	2008
	PhD Mathematics	University of East Anglia (UK)	2013
Employment	Assistant Prof.	Dept of Mathematics and Statistics College of Science – IMSIU-Riyadh (KSA)	2015-Now
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	On the density of S-integral points near some projective G-varieties Annales Fennici Mathematici (2023). Explicit solutions to the Oppenheim conjecture for indefinite ternary forms. Acta Arithmetica (2022).		
Activities in specialist bodies over the last 5 years	None		

Name	*Abdullah Alhejji*		
Post	*Lecturer in Mathematics*		
Academic career	*BSc in Applied Mathematics* *Msc Mathematics*		
Employment	*Lecturer*	*Dept of Mathematics and Statistics* *College of Science - IMSIU*	
Research and development projects over the last 5 years	*None*		
Industry collaborations over the last 5 years	*None*		
Patents and proprietary rights	*None*		
Important publications over the last 5 years	*None*		
Activities in specialist bodies over the last 5 years	*None*		

Name	Abdulmohsen Alharthi		
Post	Lecturer in Applied Mathematics		
Academic career	PhD Computational Mathematics	KAUST	present
	MS Applied & Computational Mathematics	Rochester Institute of Technology	2022
			2015
	BS Mathematics	IMSIU	
Employment	Lecturer	IMSIU	2022
Research and development projects over the last 5 years	Arabic Large Language Model, 5 years, Partners KACST KAU KAUST SRIBD CUHK,10M		
Industry collaborations over the last 5 years	Arabic Large Language Model SDAIA, STC		
Patents and proprietary rights	NONE		
Important publications over the last 5 years	Huang, H., Yu, F., Zhu, J., Sun, X., Cheng, H., Song, D., Chen, Z., Alharthi, A., An, B., Liu, Z. and Zhang, Z., 2023. AceGPT, Localizing Large Language Models in Arabic. arXiv preprint arXiv:2309.12053.		
Activities in specialist bodies over the last 5 years	Organisation Role Period NONE		

Name	Abdurahman M aldukeel		
Post	Lecturer in Mathematics and Statistics Department		
Academic career	BSc in Applied Mathematics	King Saud Universtiy	2004
	MSc in Applied Statistics	Micqure University	2009
Employment	Tutor/Teaching Assistant	Dept of Mathematics and Statistics College of Science – IMSIU	2005-2009
	Lecturer	College of Science – IMSIU	2009-Now
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	None		
Activities in specialist bodies over the last 5 years	None		

Name	Almonther Mohammed Z Alarfaj		
Post	Lecturer in Applied Mathematics		
Academic career	M.Sc. in Applied mathematics	IMSIU – Saudi Arabia	2018
	B.Sc. in Mathematics	KSU – Saudi Arabia	2010
Employment	Lecturer	IMSIU – Saudi Arabia	2019-till now
	Teaching Assistant	IMSIU – Saudi Arabia	2010-2019
Research and development projects over the last 5 years	Application of spectral method on Nano fluid flow governed by highly non-linear differential equations. Project funded the Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU) (grant number IMSIU- RG-21-09-51)/for the amount of SAR120000		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	• Local Existence and Blow-Up of Solutions for Wave Equation • the Fractional Laplacian with Nonlinear Source Term, Axioms 2023, 12, 343. Issue: 4. • Existence and Qualitative Properties of Solution for a Class of Nonlinear Wave Equations with Delay Term and Variable-Exponents Nonlinearities, Axioms 2023, 12(5), 444. ISSN: 2075-1680. • Classical Solutions for the Generalized Kawahara–KdV System, (MDPI), Symmetry 2023, 15, 1159, ISSN: 2073-8994 For more information about research productivity: https://scholar.google.com/citations?hl=en&user=FEZkRvgAAAAJ		
Activities in specialist bodies over the last 5 years	None		

Name	Asim Abdulrahman Alawfi		
Post	Lecturer in Mathematics		
Academic career	PhD in Mathematics	University of Exeter	2020-present
	MSc in Mathematics	The University of Queensland	2016
	Graduate Diploma in Mathematical Sciences	The University of Adelaide	2014
	Bachelor Degree in Pure Mathematics	Taibah University	2008
Employment	Lecturer	IMSIU	2010-present
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	- Attended and presented: "***Tracking symmetry-breaking in a model for hearing with delay***" at Participate in British Applied Mathematics Colloquium Bristol 2023, 03-05 April 2023. - Attended and presented "Mathematics of models with delay for auditory streaming" atLMS Workshop on the Mathematics of Delayed Phenomena — Theory, Numerics and Applications, 22-23 March 2023, Northumbria University, Newcastle upon Tyne.		

Name	Salah omer Abdalla Ali		
Post	Lecturer		
Academi ccareer	-PhD in Computer Science -M.Sc. in Computer Science -B.Sc. in Mathematics Education -B.Sc. Computer and Information Systems	-Omdurman Islamic University – Sudan -Faculty of Mathematical Sciences and Computer - University of Gazira -Faculty of Education - University of Sudan for Science and Technology -Sudan International University	2018 2007 2005 2002
Employment	- lecturer in Mathematics Department -numbers of Sudanese universities, including: University of Juba. Sudan International University. Imam Al - Mahdi University. College of Computer Experts - Teaching in the Ministry of Education and a number of public and private secondary schools	IMSIU – Saudi Arabia Sudan Sudan	2013 up to now 2005-2013 2005-2013
Important publications over the last 5 years	Mathematical Modeling of Certain Epidemic Models Using Fractional Calculus Develop a data mining model to support strategic decision-making https://www.youtube.com/@Dr.SalahOmerEDU قناة د. صالح عمر التعليمية)مئخصصة ني نٍشر المحاضرات العلٍمية والٱلكٱادٌمٌية- بالتٌركٌيز على مؤررات جامعة اإلمام محمد بن سعود اإلسالمية(Preparation of a series of knowledge in computer science for secondary school students - Sudan. Deposit number (782-2009). Preparation of series painter in computer science for students' secondary stage - Sudan - 2012 m.		

Name	*Yasser Khashman Almoteri*		
Post	*Lecturer of Applied Mathematics*		
Academic career	Ph.D. in Biomathematics	New Jersey Inst. Techn. – USA	2023
	M.Sc. in Applied Mathematics	New York University – USA	2017
	B.Sc. in Applied Mathematics	IMSIU – Saudi Arabia	2011
Employment	Lecturer	IMSIU – Saudi Arabia	2017 – Present
	Teaching Assistant	IMSIU – Saudi Arabia	2011 – 2017
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	Almoteri, Y. K., and Lushi, E., *BACTERIAL MOTION AND SPREAD IN POROUS ENVIRONMENTS*, The New Jersey Institute of Technology's Electronic Theses & Dissertations Project, 2023.		
Activities in specialist bodies over the last 5 years	None		

Name	Sulaiman Saleh Alwabel		
Post	Teaching assistant		
Academic career	BS in Mathematics	Qassim University	2014
	MS in mathematical science	University of Central Florida	2023
Employment	Teacher	College of Science – Ministry of education	2014-2017
	Teaching assistant	College of Science – IMSIU	2017-Now
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	None		
Activities in specialist bodies over the last 5 years	None		

The Female department

Name	*Farida Mokchaha.*		
Post	*Professor, Mathematics*		
Academic career	*Initial academic appointment* Habilitation *[German post-doctoral qualification]* *Doctorate)* *Undergraduate degree*	*Assistant, FST, Tunis* *Faculty of Sciences, Tunis* *Faculty of Sciences, Tunis* *Faculty of Sciences, Tunis*	*Year: 1986* *Year: 2005* *Year: 1993* *Year: 1985*
Employment	*Position: Professor*	*Employer: IMSU*	*Period: since 2014*
Research and development projects over the last 5 years	*Research focus:* *Random Dynamical Systems – Random Maps - Ergodicity – Markov Processes*		
Industry collaborations over the last 5 years			
Patents and proprietary rights			
Important publications over the last 5 years	*Selected recent publications:* *On Random Maps Correlated with Random Densities. International Journal of Applied Mathematics 35 (6) 887 – 901 – 2022.* *On Random Dynamical Systems Generated by White Noise Time Change of Deterministic Dynamical Systems. Journal of Probability and Statistics, 2022-7 – 2022.* *On the Equivalence Between Ergodicity and Weak Mixing for Operators Semigroups. International Journal of Applied Mathematics 36 (2) 145 –153 – 2023.*		
Activities in specialist bodies over the last 5 years	-		

Name	Lamiaa Sabry Gad Diab		
Post	Professor		
Academic career	Ph. D. in Mathematical Statistics		2004
	M.Sc. in Mathematical Statistics	Al-Azhar University	1999
	B.Sc. in Mathematics		1993
Employment	Professor	IMSIU, Riyadh (KSA)	March2023-present
	Professor and head of mathematic dep.	Al-Azhar University	2017-2023
	Associated professor	Al-Azhar University	2012-2017
	Associated professor	KSU, Riyadh (KSA)	2011-2012
	Assistant professor	KSU, Riyadh (KSA)	2007-2011
	Assistant professor	Al-Azhar University	2004-2007
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	CONCOMITANTS FOR CASE-I OF GENERALIZED ORDER STATISTICS AND ITS DUAL FROM LAI AND XIE EXTENSIONS 1- Reliability Analysis and Its Applications for a Newly Improved Type-II Adaptive Progressive Alpha Power Exponential Censored Sample. , Ibrahim Elbatal , Mazen Nassar , Anis Ben Ghorbal, Lamiaa Sabry Gad Diab and AhmedElshahhat4, symmetry,v.15, no.2137, P. 1-28, 2023, MDPI. 3-Stress-Strength Reliability Analysis for Different Distributions Using Progressive Type-II Censoring with Binomial Removal. Elbatal, Ibrahim and Hassan, Amal S and Diab, L.S. and Ben Ghorbal, Anis and Elgarhy, Mohammed and El-Saeed, Ahmed R. Axioms V. 12, no.11. p.1054. 2023.MDPI 4- APKOWL: An Automatic Approach to Enhance the Malware Detection. Aboshady, Doaa and Ghannam, Naglaa E and Elsayed, Eman K and Diab, L.S. Mobile Networks and Applications, p.1-12,2023. Springer 5-Residual and Past Entropies of Concomitants from Lai and Xie Extensions of Case-II of Generalized Order Statistics and its Dual. A. Gamal, S. M. EL-Arishy, L. S. Diab and Mohamed Said Mohamed, Journal of Statistics Applications & Probability International Journal, 2024. 6- CONCOMITANTS FOR CASE-I OF GENERALIZED ORDER STATISTICS AND ITS DUAL FROM LAI AND XIE EXTENSIONS. Gamal, A and Diab, L.S. and Mohamed, Mohamed Said, Pakistan Journal of Statistics, v. 40, no.1, 2024.		
Activities in specialist bodies over the last 5 years	-		

Name	Abeer Saleh Alnahdi		
Post	Assistant Professor		
Academic career	PhD in Applied Mathematics	University of Leeds	2015
	MSc in Mathematics	University of Leeds	2010
	BSc in Mathematics	King Abdulaziz University	2006
Employment	Associate professor	IMSIU, Riyadh (KSA)	2016- Present
Important publications over the last 5 years Selected recent publications from a total of approx. (30 articles)	1- Mathematical Modeling of Breast Cancer Based on the Caputo–Fabrizio Fractal-Fractional Derivative, Fractal and Fractional, 2023, 7 (11), 805. 2- Nonlinear dynamics of estrogen receptor-positive breast cancer integrating experimental data: A novel spatial modeling approach, Mathematical Biosciences and Engineering: MBE, 2023, 20 (12), 21163-21185. 3- Couple stress ternary hybrid nanofluid flow in a contraction channel by means of drug delivery function, Mathematics and Computers in Simulation, 2023, 210, 103-119. 4- Numerical investigations of the fractional-order mathematical model underlying immune-chemotherapeutic treatment for breast cancer using the neural networks, Fractal and Fractional, 2022, 6 (4), 184 5- Study of the Atangana-Baleanu-Caputo type fractional system with a generalized Mittag-Leffler kernel, AIMS Mathematics, 2021, 7 (2), 2001-2018. 6- Localized patterns in periodically forced systems: II. Patterns with nonzero wavenumber, SIAM Journal on Applied Dynamical Systems, 2018, 17 (2), 1478-1502.		

Name	Fozia Farooq		
Post	Associate Professor		
Academic career	PhD in Mathematics	ASSMS GC University	2010
	Master's degree in mathematics	GC University	2004
	Bachelor's degree in mathematics	University of Punjab	2002
Employment	Position	Employer	Period
	Associate Professor	IMSIU- Saudi Arabia	Since 2022
	Assistant Professor	IMSIU- Saudi Arabia	Since 2012-2022
	Assistant Professor	Lahore College Women University	2010-2012
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	• Topological indices of novel drugs used in blood cancer treatment and its QSPR modeling, AIMS Mathematics (2022). • Integrated effects of water stress and plastic film mulch on yield and water use efficiency of grain maize crop under conventional and alternate furrow irrigation method, Research Square (2022). • Numerical and Theoretical Investigation to Estimate Darcy Friction Factor in Water Network Problem Based on Modified Chun-Hui He's Algorithm and Applications, Mathematical Problems in Engineering (2022). • Implication of forced convective flow of nanofluid towards an exponentially stretched surface: Non-similar transformations, SAGE Publications (2022). • Topological Indices of Novel Drugs Used in Diabetes Treatment and Their QSPR Modeling, Journal of Mathematics (2022). •Topological Properties of Nano Sheets Based on Octa Graphene, Journal of Mathematics (2022). • Topological Descriptors and QSPR Models of Drugs used in Blood Cancer. Punjab University Journal of Mathematics, 55(1) (2023). • QSPR Modeling of Fungicides Using Topological Descriptors International Journal of Analytical Chemistry, 2023.		
Activities in specialist bodies over the last 5 years	None		

Name	*Ghaliah Yahya Alhamzi*
Post	*Associate Professor* in Noncommutative Geometry

Academic career	*Ph. D. in Noncommutative Geometry*	*Swansea University- UK*	*2016*
	MSc in Mathematics and Computing for Finance	*Swansea University- UK*	*2005*
	B.Sc. in Mathematics	*Jazan University*	*2004*

Employment	*Associate Professor*		*2023*
	Assistant Professor	*Imam Mohammad Ibn Saud Islamic University*	*2016-2023*
	Lecturer		*2016*
	Teaching Assistant.		*2013-2016*

Research and development projects over the last 5 years	-
Industry collaborations over the last 5 years	-
Patents and proprietary rights	-
Important publications over the last 5 years	1- *Alhamzi, G. and Beggs, E., 2022. The Exponential Map for Hopf Algebras. SIGMA. Symmetry, Integrability and Geometry: Methods and Applications, 18,* 2- *Alhamzi, G. and Beggs, E., 2023. Differentiating the State Evaluation Map from Matrices to Functions on Projective Space. Symmetry, 15(2), p.474.p.017.* 3- *Omran, S., Masmali, I. and Alhamzi, G., 2023. Banach fixed point theorems in generalized metric space endowed with the Hadamard product. Symmetry, 15(7), p.1325.* 4-*Alhamzi, G., Dubey, R.S., Alkahtani, B.S.T. and Saini, G.L., 2023. Analytical Solutions for a Generalized Nonlinear Local Fractional Bratu-Type Equation in a Fractal Environment. Fractal and Fractional, 8(1), p.15.*
Activities in specialist bodies over the last 5 years	-

Name	Ibtehal Abdullah Alazman		
Post	*Associate Professor of Mathematics*		
Academic career	*Ph.D. in Mathematics*	*King Saud University, Riyadh, Saudi Arabia*	*2019*
	MSc. in Mathematics	*King Saud University, Riyadh, Saudi Arabia*	*2010*
	B.Sc. in Mathematics	*King Saud University, Riyadh, Saudi Arabia*	*2006*
Employment	*Associate Professor*	*IMSIU- Saudi Arabia*	*2023-present*
	Assistant Professor	*IMSIU- Saudi Arabia*	*2019-2023*
	Lecturer	*IMSIU- Saudi Arabia*	*2011-2019*
	Teaching Assistant	*IMSIU- Saudi Arabia*	*2007-2011*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	*1.Albalawi, K.S.; Alazman, I.; Prasad, J.G.; Goswami, P. Analytical Solution of the Local Fractional KdV Equation. Mathematics 2023, 11, 882.* *2. I Alazman, M Jleli (Instantaneous Blow-Up for Evolution Inequalities of Sobolev Type with Nonlinear Convolution Terms) Discrete and Continuous Dynamical Systems - Series S Feb 2023.* *3. I Alazman, M Jleli, B Samet (Systems of Nonlinear Delay Integral Equations: Positive Solutions Comparison Theorems and Data Dependence) Fractals Dec 2022.* *4. I. Alazman, M. Jleli, B. Samet, (On the absence of global solutions to two-times-fractional differential inequalities involving Hadamard-Caputo and Caputo fractional derivatives) AIMS Mathematics Jan 2022.* *5. I Alazman, BST Alkahtani SA Wani (Certain Properties of Δh Multi-Variate Hermite Polynomials) – Symmetry Mar 2023.*		
Activities in specialist bodies over the last 5 year	-		

Name	Ibtisam Mohammed Aldawish
Post	Associate professor

Academic career	Doctor of Philosophy (Mathematics) (Complex Analysis)	National University of Malaysia (UKM), Malaysia I	2015
		National University of Malaysia (UKM), Malaysia	2012
	Master of Science (Mathematics)		
	Bachelor's degree in mathematics (Pure Mathematics)	Princess Nora bint Abdul Rahman University, Riyadh	2004

Employment	Associate professor	IMISIU Riyadh (KSA)	2022-presen
	Assistant Professor	IMISIU Riyadh (KSA)	2015-2022
	Teaching Assistant	IMISIU Riyadh (KSA)	2005-2009

Research and development projects over the last 5 years	-
Industry collaborations over the last 5 years	-
Patents and proprietary rights	-

Important publications over the last 5 years	1- 2023 published paper in journal Axioms, MDPI, with title "Applications of Shell-like Curves Connected with Fibonacci Numbers. Axioms 2023, 12(7), 639; https://doi.org/10.3390/axioms12070639.
	2- 2023 published paper in the journal Symmetry, MDPI, with the title "Complex-Variable Dynamic System of Layla and Majnun Model with Analytic Solutions". Symmetry 2023, 15(8), 1557; https://doi.org/10.3390/sym15081557
	3- 2023 published paper in the journal Symmetry, MDPI, with the title "Boundedness in Bloch space of symmetric domain for a class of multivalent meromorphic functions given by fractional integral". Symmetry 2023, 15(9), 1761; https://doi.org/10.3390/sym15091761
	4-2023, published paper in the journal Symmetry, MDPI, with the title" On a new Ma-Minda class of analytic functions created by a roulette curve formula".
	Symmetry 2023, 15(10), 1913; https://doi.org/10.3390/sym15101913
	5-2023, published paper in journal Methodxs, with title "Studies on new K-symbol analytic functions generated by a modified K-symbol Riemann-Liouville fractional calculus ".doi: 10.1016/j.mex.2023.102398.

Activities in specialist bodies over the last 5 years	-

Name	Kholoud Saad Albalawi		
Post	Associate Professor of Mathematics		
Academic career	Ph.D. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2015
	MSc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2007
	B.Sc. in Mathematics	Imam Abdulrahman Bin Faisal University Dammam, Saudi Arabia	2001
Employment	Associate Professor	IMSIU- Saudi Arabia	2023-present
	Assistant Professor	IMSIU- Saudi Arabia	2015-2023
	Lecturer	IMSIU- Saudi Arabia	2009-2015
	Teaching Assistant	IMSIU- Saudi Arabia	2007-2009
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. **Albalawi, K.S.;** *Alazman, I.; Prasad, J.G.; Goswami, P. Analytical Solution of the Local Fractional KdV Equation. Mathematics* **2023,** *11, 882.* 2. **Albalawi, K.S.;** Alazman, I. On Study of Modified Caputo–Fabrizio Omicron Type COVID-19 Fractional Model. *Fractal Fract.* **2022,** *6,* 517. 3. **Albalawi, K.S.;** Bin-Asfour, M.; Vetro, F. Remarks on Nonlocal Dirichlet Problems. *Mathematics* 2022, *10,* 1546.		
Activities in specialist bodies over the last 5 years	-		

Name	*Mohammadi begum jeelani shaikh*		
Post	*Associate professor*		
Academic career	*Initial academic appointment- Assistant Professor*	*Institution - IMSIU*	*Year -2014*
	Habilitation [German post-doctoral qualification] -Applied mathematics	*Institution-*	*Year*
	Doctorate- Numerical methods	*Institution -BSP UNIVERSITY -India*	*Year -2012*
	Undergraduate degree- Applied mathematics	*Institution- OU UNIVERSITY -India*	*Year-2006*
Employment	*Position-Associate professor*	*Employer-IMSIU*	*Period-2014 -present*
Research and development projects over the last 5 years	*Nonlinear analysis* *Duration -1-year, Amount-1.50000 sar* *Mathematical modeling of covid 19 in Saudi Arabia* *Duration- 2 years Amount- 1.50000 sar*		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	▪ *A unified matrix approach to the Legendre–Sheffer and certain hybrid polynomial sequences* *SA Wani, T Nahid, K Hussain, MB Jeelani* *The Journal of Analysis, 1-25, 2023.* ▪ *Al2O3-Cu\Ethylene Glycol-Based Magnetohydrodynamic Non-Newtonian Maxwell Hybrid Nanofluid Flow with Suction Effects in a Porous Space: Energy Saving by Solar Radiation* *A Mdi begum* *Symmetry, 2023.* ▪ *Certain Novel Fractional Integral Inequalities via Fuzzy Interval Valued Functions* *M Vivas-Cortez, RS Ali, H Saif, MB Jeelani, G Rahman, Y Elmasry* *Fractal and Fractional 7 (8), 580, 2023.* ▪ *A fractional model of COVID-19 in the frame of environmental transformation with Caputo fractional derivative* *NH Alharthi, MB Jeelani* *Advances and Applications in Statistics 88 (2), 225-244, 2023.* ▪ *Analyzing a SEIR-Type Mathematical Model of SARS-COVID-19 Using Piecewise Fractional Order Operators* *NH Alharthi, MB Jeelani* *Preprints, 2023.*		
Activities in specialist bodies over the last 5 years	-		

Name	Nadiyah Hussain Alharthi		
Post	Associate Professor of Mathematics		
Academic career	Ph.D. in Applied Mathematic	Institution Florida Institute of technology, Florida, USA.	Dec 2013
	MSc. in applied Mathematics.	Institution Florida Institute of technology, Florida, USA.	May 2011
	B.Sc. in Mathematics	Umm Al-Qura University, Taif, KSA.	2001
Employment	Associate Professor	IMSIU- Saudi Arabia	2023-present
	Assistant Professor	IMSIU- Saudi Arabia	2015-2023
	Teacher	High-School, Taif, Saudi Arabia	2004-2008
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	• Nadiyah Hussain Alharthi1, Kholoud Saad Albalawi and Francesca Vetro, Mountain pass solution for the weighted Dirichlet $(p(z), q(z))$-problem.Boundary value Problem Journal, 2022 (1), 2022:38. • Nadiyah Hussain Alharthi1, Kholoud Saad Albalawi, ANALYSIS OF PIECEWISE COVID-19 MODEL WITH ASYMPTOMATIC AND SYMPTOMATIC POPULATIONS WITH WANING IMMUNITY UNDER SINGULAR AND NONSINGULAR KERNELS, Fractals, Vol.30, No.8, 2240209, (2022). • Nadiyah Hussain Alharthi, Abdon Atangana, and Badr S. Alkahtani, Numerical analysis of some partial differential equations with fractal-fractional derivative, AIMS Mathematics, 8(1): 2240–2256, 2022.		
Activities in specialist bodies over the last 5 years	-		

Name	*Amal Ibrahim Alabdullatif*		
Post	*Assistant Professor of Mathematics*		
Academic career	*Ph.D. in Hyperbolic Geometry*	*University of Southampton, UK*	*2017*
	Master in Topology	*PNU, Riyadh, Saudi Arabia*	*2008*
	Bachelor's degree in mathematics	*PNU, Riyadh, Saudi Arabia*	*2002*
Employment	*Assistant Professor*	*IMSIU- Saudi Arabia*	*2017 – present*
	Lecturer	*IMSIU- Saudi Arabia*	*2009 – 2017*
	Teaching Assistant	*IMSIU- Saudi Arabia*	*2008 – 2009*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Amani Salem Baazeem		
Post	Assistant Professor of Mathematics		
Academic career	Ph.D. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2019
	MSc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2010
	B.Sc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2004
Employment	Assistant Professor	IMSIU- Saudi Arabia	2019-present
	Lecturer	IMSIU- Saudi Arabia	2010-2018
	Teaching Assistant	IMSIU- Saudi Arabia	2006-2009
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. Baazeem, A.S.; Nawaz, Y.; Arif, M.S.; Abodayeh, K.; AlHamrani, M. A. Modelling Infectious Disease Dynamics: A Robust Computational Approach for Stochastic SIRS with Partial Immunity and an Incidence Rate. *Mathematics* **2023**, *11*, 4794. https://doi.org/10.3390/math11234794 2. Baazeem, A. S.; Arif, M.S.; Abodayeh, K. An Efficient and Accurate Approach to Electrical Boundary Layer Nanofluid Flow Simulation: A Use of Artificial Intelligence. *Processes* **2023**, *11*, 2736. https://doi.org/10.3390/pr11092736 3. Baazeem, A.S.; Nawaz, Y.; Arif, M.S. Finite Difference Modeling of Time Fractal Impact on Unsteady Magneto-hydrodynamic Darcy–Forchheimer Flow in Non-Newtonian Nanofluids with the q-Derivative. *Fractal Fract.* **2024**, *8*, 8. https://doi.org/10.3390/fractalfract8010008		
Activities in specialist bodies over the last 5 years	-		

Name	Areej Abdulaziz Abdullah Bin Sultan		
Post	Assistant Professor of Mathematics		
Academic career	Ph. D in Mathematics (Partial Differential Equations)	College of Science, King Saud University, Riyadh, Saudi Arabia	2023
	MSc. in Pure Mathematics (Differential Equations)	College of Science, Princes Noura bint Abdulrahman University, Riyadh, Saudi Arabia	2009
	B. Sc. in Mathematics	College of Science and Education, Princes Noura University, Riyadh, Saudi Arabia	2003
Employment	Assistant Professor	IMISIU	2023-present
	Lecturer	IMISIU	2013-2023
	Teacher Assistant	IMISIU	2012-2013
	Lecturer	Shaqra University	2009-2012
	Teacher Assistant	Shaqra University	2005-2009
	Teacher	Ministry of education	2003-2005
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. Bin Sultan, A., Jleli, M., Samet, B. et al. On the critical behavior for time-fractional pseudo-parabolic-type equations with combined nonlinearities. Bound Value Probl **2022**, 19 (2022). 2. Bin Sultan, A., Jleli, M. and Samet, B. Nonexistence of Global Solutions to Time-Fractional Damped Wave Inequalities in Bounded Domains with a Singular Potential on the Boundary. Fractal Fract. **2021**, 5(4), 258. 3. Bin Sultan, A., Jleli, M. and Samet, B. A system of wave inequalities with inverse-square potentials in an exterior domain. Applicable Analysis. 2024,103:4, 843-857.		
Activities in specialist bodies over the last 5 years	-		

Name	Asma Hassn Althagafi		
Post	*Assistant Professor of Mathematics*		
Academic career	*Ph.D. in Statistics*	*King Saud University, Riyadh, Saudi Arabia*	*2023*
	MSc. in *Statistics*	*King Saud University, Riyadh, Saudi Arabia*	*2016*
	B.Sc. in Mathematics	*King Saud University, Riyadh, Saudi Arabia*	*2012*
Employment	*Assistant Professor*	*IMSIU- Saudi Arabia*	*2024*
	Lecturer	*IMSIU- Saudi Arabia*	*2016-2024*
	Teaching Assistant	*IMSIU- Saudi Arabia*	*2012-2016*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	1. *Asma Althagafi and Mohamed Abdelkader. Two-Dimensional Moran Model. Sym- metry, 15:1–24, 2023* 2. *Rafik Aguech, Asma Althagafi, and Cyril Banderier. Height of walks with resets, the Moran model, and the discrete Gumbel distribution. S´emin. Lothar. Combin., 87B (12):1–36, 2023.* 3. *Althagafi, Asma H. (2018). Estimation of L-geometric discrete Rayleigh model. Advances and Applications in Statistics, 52(5), 281-306.*		
Activities in specialist bodies over the last 5 years	-		

Name	*Eman Aljbli*		
Post	*Applied Mathematics (Differential Equations)*		
Academic career	*Doctorate (Applied Mathematics)* *Master's degree (Applied Mathematics)* *Bachelor's degree (Mathematics)*	*University of East Anglia* *King Saud University* *Princess Norah University*	*2020* *2012* *2005*
Employment	*Assistant Professor* *Lecturer* *Teaching Assistant*	*IMSIU* *IMSIU* *IMSIU*	*2021-present* *2014-2021* *2012-2014*
Research and development projects over the last 5 years	*NA*		
Industry collaborations over the last 5 years	*Project title/NA* *Partners/NA*		
Patents and proprietary rights	*Title/NA*	*Year/NA*	
Important publications over the last 5 years	*NA*		
Activities in specialist bodies over the last 5 years	*Organisation/NA*	*Role/NA*	*Period/NA*

Name	Faten Labassi		
Post	Assistant Professor		
Academic career	PhD in Mathematics	University of Tunis El Manar	2013
	Master's degree in mathematics	University of Tunis El Manar	2009
	Bachelor's degree in mathematics	University of Tunis El Manar	2007
Employment	Position	Employer	Period
	Assistant Professor	IMSIU- Saudi Arabia	Since 2019
	Assistant Professor	University of Tunis El Manar	2016-2019
	Assistant	University of Tunis El Manar	2013-2016
	Contractual Assistant	University of Tunis El Manar	2009-2013
Research and development projects over the last 5 years	-Euler characteristic on locally compact stratified spaces -Stratified group actions		
Industry collaborations over the last 5 years	-None		
Patents and proprietary rights	-None		
Important publications over the last 5 years	Combinatorial Invariants on Stratifiable Spaces 2, S Kallel, F Labassi arXiv preprint arXiv:2211.16546, 2022.		
Activities in specialist bodies over the last 5 years	-None		

Name	Ines Ben Omrane		
Post	Assistant professor in Mathematics		
Academic career	Ph.D. in Mathematics	*University Manar Tunis, Tunisia*	*2010*
	M.Sc. in Engineering Mathematics	Ecole Polytechnique de Tunisie.	*2005*
		University Manar Tunis, Tunisia	
	Bachelor of Mathematics		*2002*
Employment	Assistant Professor	*Imam University*	*2011-Present*
	Assistant Professor	*Carthage University Tunis, Tunisia*	*2010-2011*
	Assistant	*University Manar Tunis, Tunisia*	*2009-2010*
	Assistant	*Tunis University, Tunisia*	*2007-2009*
	Assistant	*University Manar Tunis, Tunisia*	*2006-2007*
Research and development projects over the last 5 years	On some problems about regularity criteria on the Micropolar Fluid Equations, Deanship of Scientific Research, IMSIU.		
Important publications over the last 5 years	*I. Ben Omrane, M. Ben Slimane, S. Gala, M.A. Ragusa. A weak-L^p Prodi–Serrin type regularity criterion for the micropolar fluid equations in terms of the pressure, Ricerche mat (2023).https://doi-org.sdl.idm.oclc.org/10.1007/s11587-023-00829-2.* *I. Ben Omrane, M. Ben Slimane, S. Gala, M. A. Ragusa. Regularity results for solutions of micropolar fluid equations in terms of the pressure[J]. AIMS Mathematics, 2023, 8(9): 21208-21220.* *I. Ben Omrane, S. Gala, M.A. Ragusa. A new regularity criterion for the 3D incompressible Boussinesq equations in terms of the middle eigenvalue of the strain tensor in the homogeneous Besov spaces with negative indices). Evolution Equations and Control Theory, 2023, 12(6): 1688-1701. doi: 10.3934/eect.2023032* *I. Ben Omrane: On the blow up criterion for the 3D nematic liquid crystal flows involving the second eigenvalue of the deformation tensor, Applied Mathematics & Information Sciences, Volume 17, No. 4 (2023), PP: 539-545.* *I. Ben Omrane: On the fractional fractal analysis of multivariate pointwise Lipschitz oscillating regularity, Information Sciences Letters, vol. 12, No. 6 (2023), PP: 2215-2226.*		

Name	Khawlah Hamad Alhulwah		
Post	Assistant professor of mathematics		
Academic career	Ph.D. in Graph Theory	Western Michigan University	2017
	Master in Functional Analysis)	Princess Nora University	2010
	Bachelor's degree Mathematics	Princess Nora University	2005
Employment	• Teaching Assistant.	Imam Mohammad Ibn Saud Islamic University	2009-2011
	• Lecturer.		2011-2017
	• Assistant professor.		
	• Graduate student coordinator in Mathematics Department.		2017-2018
	• Vice dean of TCED		2018-2020.
Research and development projects over the last 5 years	• Master thesis in "Solution of Some Parabolic Abstract Non-Linear Differential Equations". • Structures of Derived Graphs, Western Michigan University, 2017. • On 3-Line Graphs and Z-Graphs, 2017. • On the connectedness of 3-line graphs, 2018. • On the Planarity of Generalized Line Graphs, 2018.		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Khulud Abbas Alyousef		
Post	Assistant Professor, Head of the Sciences department in Applied College in Huraymila.		
Academic career	Doctorate (Ordinary Differential Equations)	University of Nebraska-Lincoln-USA	2012
	Master's degree (Algebra)	University of Sam Houston State University	2008
	Undergraduate degree (Mathematics)	King Faisal University	2005
Employment	Position Assistant Professor	Employer Imam Muhammad bin Saud Islamic University	Period
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	*Maram Humoud Alossaimi*		
Post	*Assistant Professor of Mathematics*		
Academic career	*Ph.D. Non-commutative algebra, Poisson algebras* *M.Sc. in Pure Mathematic and Mathematical Logic* *B.Sc. in Mathematic*	*Sheffield University, UK* *Manchester University, UK* *King Saud University, KSA*	*2022* *2017* *2012*
Employment	*Assistant Professor* *Lecturer* *Assistant lecturer*	*IMSIU- Saudi Arabia* *IMSIU- Saudi Arabia* *IMSIU- Saudi Arabia*	*2023-Present* *2019-2023* *2013-2019*
Research and development projects over the last 5 years	*NA*		
Industry collaborations over the last 5 years	*Project title: NA* *Partners: NA*		
Patents and proprietary rights	*NA*		
Important publications over the last 5 years	*NA*		
Activities in specialist bodies over the last 5 years	*NA*		

Name	Mona Ibraheem Bin-Asfour		
Post	Assistant professor of Mathematics		
Academic career	Ph.D. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2014
	MSc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2006
	B.Sc. in Education and Science (Mathematics)	Education College	2001
	Assistant Professor	IMSIU- Saudi Arabia	2015-present
	Lecturer	IMSIU- Saudi Arabia	2009-2015
	Lecturer	KSU- Saudi Arabia	2006-2007
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	- KS Albalawi, **M Bin-Asfour**, F Vetro, Remarks on Nonlocal Dirichlet Problems, Mathematics 2022, 10, 1546. **M Bin Asfour**, Eman Almuhur α-CONTINUOUS FUNCTIONS AND COUNTABLY A-COMPACT SETS IN IDEAL TOPOLOGICAL SPACES, Journal of Southwest Jiaotong University, 2022. - E Almuhur , E A. Abuhijleh, G Alafifi, A Alkouri, **M Bin-Asfour**, Freezing Sets Invariant-based Characteristics of Digital Images, Wseas Transactions on Mathematics, 2023, 22, 354-358.		
Activities in specialist bodies over the last 5 years	-		

Name	Nasreen Ebrahim Almohanna		
Post	Assistant professor of mathematics		
Academic career	• Ph.D. in Graph Theory.	Western Michigan University,	2019
	• Master of Arts Mathematics	Western Michigan University,	2018
	• Master in Topology	Princess Nora University	2009
	• Bachelor's degree Mathematics	Princess Nora University	2003
Employment	Assistant professor	IMSIU-Saudi Arabia	2019-present
	Lecturer	IMSIU-Saudi Arabia	2010-2019
	Teaching Assistant	IMSIU-Saudi Arabia	2009-2010
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	Nasreen Almohanna,Uniformly connected graphs, 2019. Nasreen Almohanna, Drake Olejniczak and Ping Zhang, Hamiltonian-Connected Graphs with Additional Properties, 2019.		
Activities in specialist bodies over the last 5 years	-		

Name	Nouf Abdulrahman Alswedan Alqahtani		
Post	Assistant Professor of Mathematics		
Academic career	Ph.D. in Mathematics	University of York United Kingdom	2022
	MSc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2010
	B.Sc. in Mathematics	Princess Noura bint Mohammed University, Saudi Arabia	2005
Employment	Assistant Professor	IMSIU- Saudi Arabia	2022-present
	Lecturer	IMSIU- Saudi Arabia	2010-2014
	Teaching Assistant	IMSIU- Saudi Arabia	2006-2010
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	Alqahtani, Nouf, Dandan Yang, and Victoria Gould. "Graph products of semigroups." Southeast Asian Bull. Math. 45 (2021): 571-598.		
Activities in specialist bodies over the last 5 years	-		

Name	Safaa Mohamed Mirgani		
Post	Assistant Professor, College of Science, Department of Mathematics		
Academic career	• **Ph.D.** | *Applied Mathematics.* • **M.Sc.** | *Science Mathematics>* • **Bachelor of Science** | Mathematic	• Omdurman Islamic University, • Khartoum University, • Sudan University	• *2017* • *2013* • *2010*
Employment	• *ASSISTANT PROFESSOR* • *Assistant Professor* • *LECTURER* • *LECTURER*	• *Imam Muhammad Bin Saud Islamic University* • *College of Engineering Sciences* • *Hafr Al-Batin University* • *Sudan International University*	• *09/2019 up to now* • *09/2018 to 09/2019* • *02/2017 to 08/2018* • *2015 to 2017*
Important publications over the last 5 years	• *Existence and Asymptotic Stability of the Solution for the Timoshenko Transmission System with Distributed Delay. Axioms 2023, 12(9), 833.* • *Well-Posedness and Energy Decay Rates for a Timoshenko-Type System with Internal Time-Varying Delay in the Displacement. Symmetry 2023, 15(10), 1878.* • *Well-Posedness and Energy Decay Rates for a Timoshenko-Type System with Internal Time-Varying Delay in the Displacement.Symmetry 16(10).*		

Name	*Shaimaa Mohammed Aljuhani*		
Post	*Assistant professor in Applied Numerical Computing*		
Academic career	PhD	The University of Manchester	*2014*
	M.Sc.	The University of Manchester	*2008*
	BSc	Princess Noura University	*2003*
Employment	Assistant professor	Imam University	2014 – Now
		Imam University	2004 - 2007
	Lecturer		
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	*King Abdulaziz city for science and technology (KACST)* *GAUSSIAN PROCESS REGRESSION IN MACHINE LEARNING*		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	*Science and technology unit (a unit established between KACST and IMAM University)*	*Director*	*2 years*

Name	*Shams Alyusof*		
Post	*Assistant professor*		
Academic career	*Ph.D. in mathematics (Operator Theory)* M.Sc. in Mathematics *M.Sc. in Mathematics (Functional Analysis)* *Bachelor's degree in mathematics*	*George Mason University, VA, USA.* *George Mason University, VA, USA.* *King Saud University, Riyadh, Saudi Arabia.* *Princess Nora University, Riyadh, Saudi Arabia*	*Year* *Year* *Year* *Year*
Employment	*Position: Assistant professor.*	*Employer: Imam University.*	*Period 2007-Present.*
Research and development projects over the last 5 years	*its and technology Information (IFP-IMSIU-2023066), 12 months, SA 30.*		
Industry collaborations over the last 5 years	*N/A*		
Patents and proprietary rights	*N/A*		
Important publications over the last 5 years	*(2023) - EssenEal Norms of Weighted ComposiEon Operators from AnalyEc FuncEon Spaces into Iterated* *Weighted-Type Banach Spaces* *S Alyusof, F Colonna* *Mediterranean Journal of MathemaEcs 20 (1), 51* *(2023)- Notes on Frames in Weighted Hardy Spaces and Generalized Weighted* *Composition Operators* *Shams Alyusof* *IRC 2023* *XVII. international research conference proceedings.* *July 17-18, 2023, Tokyo Japan* *international scholarly and scientific research & innovation.* *(2023)- Surjective Isometries of Multiplication Operators and Weighted Composition Operators on nth Weighted-Type Banach Spaces of Analytic Functions.* *S Alyusof* *Contemporary Mathematics, 1204-1209.*		
Activities in specialist bodies over the last 5 years	*N/A*		

Name	*Sobia Sultana*		
Post	*Assistant Professor*		
Academic career	*PhD in Pure Mathematics*	*ASSMS, GCU*	*2009*
	MSc in Mathematics	*University of the Punjab*	*2002*
	BSc in Mathematics	*University of the Punjab*	*2000*
Employment	*Assistant Professor*	*IMSIU, Riyadh (KSA)*	*2014- Present*
Important publications over the last 5 years	1. *Some further extensions considering discrete proportional fractional operators.* *Saima Rashid, Sobia Sultana, Yeliz Karaca, Aasma Khalid, Yu-Ming Chu Fractals, Volume: 30, Issue: 1, Pages: 2240026* 2. *New Developments in Weighted n-Fold Type Inequalities via Discrete Generalized $\hbar$-Proportional Fractional Operators.* *Saima Rashid, Elbaz I Abouelmagd, Sobia Sultana, Yu-Ming Chu Fractals, Volume: 30, Issue: 2, Pages: 2240056 (16 pages).* 3. *A novel analytical view of time-fractional Korteweg-De Vries equations via a new integral transform* *Saima Rashid, Aasma Khalid, Sobia Sultana, Zakia Hammouch, Rasool Shah, Abdullah M Alsharif Symmetry, Volume: 13, Issue: 7, Pages: 1254* 4. *An approximate analytical view of physical and biological models in the setting of Caputo operator via Elzaki transform decomposition method Saima Rashid, Khadija Tul Kubra, Sobia Sultana, Praveen Agarwal, MS Osman Journal of Computational and Applied Mathematics, Volume: 413, Issue: 1, Pages: 114378* 5. *Some inequalities for a new class of convex functions with applications via local fractional integral Hu Ge-JiLe, Saima Rashid, Fozia Bashir Farooq, Sobia Sultana Volume: 2021* 6. *New formulation for discrete dynamical type inequalities via h-discrete fractional operator pertaining to nonsingular kernel Maysaa Al Qurashi, Saima Rashid, Sobia Sultana, Hijaz Ahmad, Khaled A Gepreel Mathematical Biosciences and Engineering, Volume: 18, Issue: 2, Pages: 1794-1812*		

Name	Abeer Alsohaim		
Post	Lecturer		
Academic career	Master of science in Mathematics	IMSIU	2018
	Bachelor of science in Applied mathematics	IMSIU	2016
Employment	Lecturer	IMISU	2019-Now
	Teaching assistant	IMISU	2018-2019
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	FT Akyildiz, AFA AlSohaim, N Kaplan, Electro-osmotic and Pressure-Driven Flow in an Eccentric Microannulus, Zeitschrift fur Naturforschung A, Volume 74, Jun 2019, Pages 513-521. DOI: https://doi.org/10.1515/zna-2018- 0483.		
Activities in specialist bodies over the last 5 years	NA		

Name	*Alaa Fahad Alharbi*		
Post	*Lecturer*		
Academic career	*Master of Science: Financial Mathematics* Bachelor of Science: Mathematics	*University of Dayton* *Riyadh University for Girls (Now" PNU ")*	*2016* *2007*
Employment	*Position* Lecturer Teaching assistant	*Employer* *IMISU* *Shaqra University*	*Period* *2022- now* *2007-2022*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Ashwaq Ishak Khayyat		
Post	Lecturer of Mathematics		
Academic career	MSc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2009
	B.Sc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	2003
Employment	Lecturer	IMSIU- Saudi Arabia	2010-present
	Teaching Assistant	IMSIU- Saudi Arabia	2009-2010
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	None		
Activities in specialist bodies over the last 5 years	None		

Name	Amsha Fasial Alsubaie		
Post	Lecture		
Academic career	M.Sc. in Mathematics	King Saud University, Riyadh, Saudi Arabia	Year: 2014
	B.Sc. in Mathematics		Year 2012
Employment	Position	Employer	Period
	Lecture	IMSIU- Saudi Arabia	from 2016 until now
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5 years	NA		

Name	Asma Ahmed Almushaikih		
Post	Lecturer in Math department		
Academic career	Initial academic appointment	Institution : Qassim University	Year: 2008-2012
	Initial academic appointment	Institution : Imam University	Year: 2012-2013
	Lecturer	Institution : Imam University	Year: 2013 till now
Employment	Position: Lecturer in Math dept	Employer: Imam university	Period: 2013 till now
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	None		
Activities in specialist bodies over the last 5 years	None		

Name	Balsam Alsohaibani		
Post	Lecturer		
Academic career	Bachelor's degree in mathematics	Princess Noura University	2004
	Master's degree in mathematics	King Saud University	2010
Employment	Teaching Assistant IMAM University	College of science IMAM University	2005
	Lecturer IMAM University	College of science IMAM University	2010
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Dalal Abdullah Hamed AL Zahrani		
Post	*Lecturer*		
	M.Sc. in Mathematics	*King Saud University, Riyadh, Saudi Arabia*	*2013*
	B.Sc. in Mathematics	*King Saud University, Riyadh, Saudi Arabia*	*2011*
Employment	*Lecturer*	*IMSIU- Saudi Arabia*	*2014-present*
	Teaching Assistent	*IMSIU- Saudi Arabia*	*2013*
Research and development projects over the last 5 years	*NA*		
Industry collaborations over the last 5 years	*NA*		
Patents and proprietary rights	*NA*		
Important publications over the last 5 years	*NA*		
Activities in specialist bodies over the last 5 years	*NA*		

Name	Eman Alhazani		
Post	Lecturer		
Academic career	Ph.D. (in process)	KSU	2020- Until now
	Master's degree	KSU	2011
	Bachelor's degree	Prince Nora University	2001
Employment	Position	Employer	Period
	Lecturer	Imam Muhammad Ibn Saud Islamic University	
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		-
Important publications over the last 5 years	1/ https://www.mdpi.com/2075-1680/12/7/689 2/ https://www.mdpi.com/2227-7390/11/23/4803		
Activities in specialist bodies over the last 5 years	Organisation -	Role -	Period -

Name	Hind Almadi		
Post	Lecturer		
Academic career	Master's degree in mathematics	Kind Saud University	2015
	Bachelor's degree in mathematics	Princess Noura University	2009
Employment	Lecturer	IMSIU -college of science	2017
	Teaching Assistant	IMSIU -college of science	2014
	Teaching Assistant	Princess Noura University-college of science	2010
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Huda Bedah Albedah		
Post	Lecturer		
Academic career	MSc.in Mathematics	IMSIU, Riyadh, Saudi Arabia	2019
	B. SC.in Mathematics	Majmaah university	2004
Employment	Lecturer	IMSIU, Riyadh, Saudi Arabia	2019-Now
	Teaching Assistant	IMSIU, Riyadh, Saudi Arabia	2013-2019
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Mae Ahmed AL-Hamrani		
Post	*Lecturer*		
Academic career	M.Sc. in Mathematics	*PNU, Riyadh, Saudi Arabia*	*2011*
	Computer Diploma	*IMSIU- Saudi Arabia*	*2006*
	B.Sc. in Mathematics	*PNU, Riyadh, Saudi Arabia*	*2004*
Employment	*Lecturer*	*IMSIU- Saudi Arabia*	*2012-present*
	Teaching Assistent	*IMSIU- Saudi Arabia*	*2011*
Research and development projects over the last 5 years	*NA*		
Industry collaborations over the last 5 years	*NA*		
Patents and proprietary rights	*NA*		
Important publications over the last 5 years	*Modelling Infectious Disease Dynamics: A Robust Computational Approach for Stochastic SIRS with Partial Immunity and an Incidence Rate* *https://doaj.org/article/36141918a40a4e2f848bc1b9a2caa295*		
Activities in specialist bodies over the last 5 years	*NA*		

Name	*Manal Mohammed Abdullah Aldhaban*		
Post	Lecturer		
Academic career	Bachelor's Degree Master's Degree	*Riyadh University* University of Massachusetts - LOWELL	*2007* *2020*
Employment	Lecturer Teaching Assistant	IMSIU Shaqra University	*2022- present* *2009-2021*
Research and development projects over the last 5 years	*NA*		
Industry collaborations over the last 5 years	*NA*		
Patents and proprietary rights	*NA*		
Important publications over the last 5 years	*NA*		
Activities in specialist bodies over the last 5 years	*NA*		

Name	Maha Shaiban Alanazi		
Post	Lecturer		
Academic career	Teaching assistant	Imam Muhammad Ibn Saud Islamic University	2017
	Bachelor's degree of since and education in the field of: Mathematics	Prince Sattam Bin Abdulaziz University	2006-2010
	Master's degree in mathematics	Imam Muhammad Ibn Saud Islamic University	2017
Employment	Position	Employer	Period
	High school mathematics teacher	Fursan Aljazeera	2011-2014
	Teaching assistant	Imam Muhammad Ibn Saud Islamic University	2017-Now
	Lecturer		
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Modhi AbdulJalil Al-Buraykan		
Post	Lecturer of Mathematics		
Academic career	B.Sc. in Mathematics	IMSIU, Riyadh, Saudi Arabia	1434(2013)
	MSc. in Mathematics	IMSIU, Riyadh, Saudi Arabia	1437(2016)
Employment	Teaching Assistant	IMSIU- Saudi Arabia	1434-1438 (2013-2017)
	Lecturer	IMSIU- Saudi Arabia	1438-now (2017-now)
Research and development projects over the last 5 years	None		
Industry collaborations over the last 5 years	None		
Patents and proprietary rights	None		
Important publications over the last 5 years	None		
Activities in specialist bodies over the last 5 years	None		

Name	Nadia Mohammed Ali Alamri		
Post	Lecturer		
Academic career	Master's degree in pure mathematics.	Taibah University, college of science	2019
	Educational Diploma in Teaching mathematics	Taibah University, college of education	2015
	Bachelor's degree in mathematics	Tabuk University, college of science	2013
Employment	Lecturer	IMIMSIU – college ofscience	2021
	Teaching Assistant	IMIMSIU – college ofscience	2018
Research and development projects over the last 5 years	Non-characteristic Heisenberg group domains, with Prof. Dr. Najoua Gamara , 2020.		
Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5years	NA		

Name	*Rabab Ali Alghamdi*				
Post	*Lecturer*				
Academic career	(Ph.D in *Differential Equations* (Iam still stdying)	*College of Science, King Abdul Aziz University, Jeddah, Saudi Arabia*	*12|2022-* Till now		
	MSc. in Mathematics	*College of Science, King Saud University, Riyadh, Saudi Arabia*	2017		
	B. Sc. in Mathematics	*College of Science, Princes Noura University, Riyadh, Saudi Arabia*	2010		
Employment	*Lecturer*	*IMISIU*	2019-present		
	Teacher Assistant	*IMISIU*	2013-2019		
Research and development projects over the last 5 years	-				
Industry collaborations over the last 5 years	-				
Patents and proprietary rights	-				
Important publications over the last 5 years	-R. T Alqahtani; A Ajbar; S.K Bhowmik; R.A. Alghamdi Study of Static and Dynamic Behavior of a Membrane Reactor for Hydrogen Production. Processes 2021, 9, 2275. https://doi.org/10.3390/pr9122275				
Activities in specialist bodies over the last 5 years	-				

Name	Rasha Hamad Alyousef		
Post	*PhD Student. (currently),*		
Academic career	*Master's degree (Art of Mathematics)* *Bachelor's degree (Mathematics)*	*Central Michigan University* *College of Education, Huraymila*	*2016* *1425-1426*
Employment	*Position*	*Employer*	*Period*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	*Alyousef, R. (2019). Teaching and Learning Mathematics Online. Multi-Knowledge Electronic Comprehensive Journal for Education & Science Publications (MECSJ), (20).* *Alyousef, R. (2019). Formal Power Series the Lagrange-Burmann Theo. Multi-Knowledge Electronic Comprehensive Journal for Education & Science Publications (MECSJ), (20).*		
Activities in specialist bodies over the last 5 years	-		

Name	Rehab Nasser Saud Al Rami		
Post	*Lecturer*		
Academic career	M.Sc. in Mathematics	*King Saud University, Riyadh, Saudi Arabia*	*2011*
	B.Sc. in Mathematics	*King Saud University, Riyadh, Saudi Arabia*	*2006*
Employment	*Lecturer*	*IMSIU- Saudi Arabia*	*2013-present*
	Teaching Assistant	*IMSIU- Saudi Arabia*	*2012-2013*
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		

Name	Sharifah Saeed Alamri		
Post	Lecturer of Math		
Academic career	Master's degree in Math	Imam Muhammad ibn Saud Islamic University (IMSIU)	2017
	Bachelor's degree in Math	Riyadh University	2008
Employment	Position Lecturer	Employer IMSIU- Saudi Arabia	Period from 2022 until now
	Teaching Assistant	Science College in Hurimela, IMSIU	2009
Research and development projects over the last 5 years	NA		
Industry collaborations over the last 5 years	NA		
Patents and proprietary rights	NA		
Important publications over the last 5 years	NA		
Activities in specialist bodies over the last 5 years	NA		

Name	Wejdan Abdulaziz Altowim		
Post	Lecturer		
Employment	Teaching assistant	Prince Norah university	2011-2015
	Teaching assistant	Imam Mohammed ibn Saud university	2016
	Lecturer	Imam Mohammed ibn Saud university	2019
Employment	BSc in mathematics	Prince Norah university	2008
	MSc. In mathematics	Imam Mohammed ibn Saud university 2019	
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	Working at ETEC		

Name	Sahar Saad Ahmad Alzahrani		
Post	Teaching Assistant		
Academic career	MSc. In Mathematics and Statistics (Operational Research, Applied Statistics and Financial Risk)	Cardiff University, UK	2023
	Diploma of Computer Applications	Imam Mohmmad Ibn Saud Islamic University	2010
	B.Sc. of Science and Education in Mathematics	Princess Noura bint Abdul Rahman University	2004
Employment	Teaching Assistant	Imam Mohmmad Ibn Saud Islamic University	2018 – present
	Math Teacher	Ministry of Education	2012-2018
	Educational Supervisor	Ministry of Education	2016
	Math Teacher	Dar Al Uloom Private School	2005-2012
Research and development projects over the last 5 years	-		
Industry collaborations over the last 5 years	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	-		
Activities in specialist bodies over the last 5 years	-		