Teaching Staff handbook

Imam Mohammad Ibn Saud Islamic University,College of Science,
Department of Mathematics and Statistics

2024

Post	The Male Section Page numbers	The Female Section Page numbers
Professors	4	61
Associate Professors	25	63
Assistant Professors	40	71
Lecturers	52	88
Teaching Assistant	59	108

The Male Section

Name	*Ahmad Alkhalaf*		
Post	*Professor*		
Academic career	*Doctorate* *Bachelor's degree in mathematics*	*Belarus University* *Aleppo university*	*1990* *1980*
Employment	*Assistant Professor* *Associate Professor* *Associate Professor* *Professor* *Professor*	*Al Baath university* *Al Baath university* *Teacher Faculty Dammam* *Al Baath university* *IMSIU*	*1990-1995* *1995-1999* *1999-22006* *22006-2011* *22011-Until 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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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* *N.A.*		

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	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *Chaourar, B., On the Broadcast Routing Problem, 4th Conference on Mathematical Sciences and Applications, Riyadh, Saudi Arabia, April 11-12, 2018.* 2. *Chaourar, B., The Kth TSP is Pseudolpoynomial when TSP is Polynomial, Discrete Mathematics, Algorithms and Applications 10 (5), 2018, 1850058.* 3. *Chaourar, B., A Min-Max Relation for Bases Packing of a Matroid, Discrete Mathematics, Algorithms and Applications 11 (6), 2019, 1950069.* 4. *Chaourar, B., Connected Max Cut is Polynomnial for Graphs without the Excluded Minor $K_5 \setminus e$, Journal of Combinatorial Optimization 40, 2020, 869-875, doi:10.1007/s10878-020-00637-6.* 5. *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*		
Employment	*Teaching assistant Habilitation* *Assistant teacher* *Assistant Professor* *Associate Professor* *Professor*	*Beni-Suef University Beni-Suef University* *Beni-Suef University, Imam University* *IMSIU* *IMSIU*	*1997* *2001* *2007* *2017* *2022*
Academic career	*Initial academic appointment*	*Institution*	*Year*
Important publications over the last 5 years	*1. 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).* *2. 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).* *3. 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.* *4. 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).* *5. Emad Solouma, Ibrahim Al-Dayel, Meraj Ali Khan and Mohamed Abdelkawy, Investigation of Special Type-ΠΠ 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	*N.A.*		

Name	*Fahir Talay Akyildiz*		
Post	*Professor of Applied Mathematics*		
Academic career	*Initial academic appointment*	*Ondokuz Mayis University, Turkiye*	*1993*
	Doctorate	*Applied Mathematics, Cardiff, Aberystwyth university, United Kingdom*	*1993*
	Undergraduate degree	*Ankara University,Turkiye*	*1983*
Employment	*Assistant -Associate Professor*	*On. May. University*	*1993-2008*
	Visiting Associate Professor	*Northern Illinois. Un*	*2004-2005*
	Research Associate Professor	*Khalifa University*	*2008-2011*
	Professor	*Gaziantep Univer.*	*2011-2017*
	Visiting Professor	*BIUST*	*2016-2017*
	Professor	*IMSIU*	*2017-now*
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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Faryad Ali*		
Post	*Professor of 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	1. *The International Research Partnership Program (RPP), No. IMSIU-RP23070 June 23 -May 2024, Amount 120,000 SAR.* 2. *The International Research Partnership Program (RPP), No. RP-21-09-04, July 22 -June 23, Amount 200,000 SAR.* 3. *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	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. ***F. Ali*** *and M. Al-Kadhi, Generating pairs for the Fischer group Fi_{23}, Algebra Colloquium,* ***27*** *(2020), no. 4, 713-730.* 2. ***F. Ali****, M. S. Shagari and A. Azam; Hybrid Fuzzy Contraction Theorems with Their Role in Integral Inclusions, Axioms* ***2022****, 11, 580.* 3. *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 of Mathematics*		
Academic career	*Initial academic appointment* Habilitation *[German post-doctoral qualification]* *Doctorate* *Undergraduate degree*	*University Paris Dauphine* *University Tunis El Manar* *Sorbonne University* *University Tunis El Manar*	*2004* *2009* *2004* *2000*
Employment	*Position* *Assistant* *Assistant/Associate/Full Professor* *Professor*	*Employer* *University Paris Dauphine* *University Tunis El Manar* *Imam Mohamed Ibn Saud Islamic University*	*Period* *2004-2006* *2006-2019* *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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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* *N.A.*		

Name	*Ibrahim Elbatal*		
Post	*Professor*		
Academic career	*Ph.D. in Mathematical Statistics* *M.Sc. in Mathematical Statistics* *B.Sc. in Mathematics*	*Cairo University* *Ain Shams University* *Ain Shams University*	*2002* *2000* *1986*
Employment	*Professor* *Professor* *Associate Professor* *Assistant Professor*	*IMSIU- Saudi Arabia* *Cairo University* *KSU, Riyadh (KSA)* *Cairo University*	*2016- Present* *2009-2016* *2004-2009* *1995 - 2004*
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 *(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.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

Name	*Ismail Djebali*		
Post	*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	*Professor*	*IMSIU, Saudi Arabia*	*2015- Present*
	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*
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	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.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

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*	*IMSIU*	*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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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*	*Role*	*Period*
	GAMM, Germany	*Member*	*1995-1999*
	AMS, EMS	*Member*	*2000-Present*

Name	*Maged Zakaria Youssef Abouelyamin*		
Post	*Professor, Department of Mathematics and Statistics, College of Science, Imam Mohammad Ibn Saud Islamic University (IMSIU), Riyadh, Saudi Arabia*		
Academic career	*Ph. D. degree* *Master's degree* *B.Sc.*	*Ain Shams University* *Ain Shams University* *Ain Shams University*	*2000* *1997* *1991*
Employment	*Associate Professor / Professor* *Assistant Professor/ Associate Professor* *Assistant Professor* *Lecturer* *Demonstrator*	*IMSIU, Riyadh (KSA)* *Teachers College, King Saud University, Saudi Arabia* *Ain Shams University* *Ain Shams University* *Ain Shams University*	*2013 - Present* *2003-2013* *2000-2003* *1997-2000* *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.* *MSc* *B.Sc.*	*Aligarh Muslim University, India* *MJP Rohil Khand University, India* *MJP Rohil Khand University, India*	*2006* *2000* *1998*
Employment	*Professor* *Professor* *Associate Professor* *Assistant Professor* *Assistant Professor*	*IMSIU, Saudi Arabia* *University of Tabuk, Saudi Arabia* *University of Tabuk, Saudi Arabia* *University of Tabuk, Saudi Arabia* *TIET, Patiala, India*	*10.01.2023 up to now* *2021- 2023* *2013-2021* *2010-2013* *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	*Professor*		
Academic career	*Ph.D. Degree in Pure Mathematics (Numerical Analysis and Approximation Theory)* *M.Sc. Degree in Applied Mathematics* *B.Sc. Degree in Mathematics*	*Beni-Suef University* *Beni-Suef University* *Cairo univeristy*	*2012-2014* *2007-2011* *1999-2003*
Employment	*Professor* *Associate Professor* *Assistant Professor* *Associate Professor* *Assistant Professor* *Lecturer* *Demonstrator* *Demonstrator*	*IMSIU, Riyadh (KSA)* *IMSIU, Riyadh (KSA)* *IMSIU, Riyadh (KSA)* *BSU, Beni-suef (Egypt)* *BSU, Beni-suef (Egypt)* *BSU, Beni-suef (Egypt)* *BSU, Beni-suef (Egypt)* *Cairo University (Egypt)*	*2023- Present* *2020-2023* *2016-2020* *2020-Present* *2014-2020* *2011-2014* *2005-2011* *2004-2005*
Research and development projects over the last 5 years	1. *Fractional inverse problems RG-21-09-05, 2021, 120000 SR.* 2. *Spectral collocation* method for fractional generalized Cattaneo model*, 2022, 30000 SR.* 3. *IFP-IMSIU20210, 2022, 30000 SR.*		
Important publications over the last 5 years	1. *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).* 2. *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.* 3. *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	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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. IMSIU*	*University Council*	*25/10/1433-11/7/1441*
	2. IMSIU	*Secretary General of Research Chairs*	*11/22/1440 -- 11/7/1441 AH*
	3. IMSIU	*Dean of the Deanship of Scientific Research*	*11/5/1440 -- 11/7/1441 AH*
	4. IMSIU		*11/5/1440 -- 11/7/1441 AH*
	5. IMSIU	*Dean of the College of Scienc*	*25/10/1433 ---2/12/1439 AH.*

Name	*Mohamed Hmisi*		
Post	*Professor*		
Academic career	*Assistant Professor* *Habilitation [German post-doctoral qualification] Potential Analysis (PA)* *Doctorate (PA)* *Undergraduate degree (PA)*	*University Tunis Elmanar*	*1978* *1992* *1984* *1979*
Employment	*Professor*	*IMSIU*	*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	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *Hmissi M., Mokchaha F.: On some random densities for random maps. Journal of difference equations and applications, Vol. 24, No. 1, 127-137 (2018).* 2. *M. Hmissi, C.N. Jmailli: On Representation of Excessive Measures for S-subordinated Markov processes. Markov Processes and Related Fields 26, 901-914 (2020).* 3. *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).* 4. *Hmissi M., Mokchaha F.: On Random Maps Correlated with Random Densities. Int. J. Appl. Math.* *Vol. 35. No. 6, 887-901 (2022).* 5. *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* *N.A.*		

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* *Doctorate (Approximate Methods for Solving Nonlinear Coupled Systems of PDEs)*	*Benha* *Benha*	*1996* *2009*
Employment	*Professor*	*IMSIU*	*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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Moussa Benoumhani*
Post	*Professor of 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: N.A.* *Partners: N.A.*
Patents and proprietary rights	*N.A.*
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 of Mathematics*		
Academic career	*PhD. in Numerical Analysis* *M.Sc. in Numerical Analysis* *Bachelor of Mathematics*	*University Paris 6* *University Paris 6* *University of Constantine*	*1995* *1995* *1987*
Employment	*Professor* *Associate Professor* *Assistant Professor* *Assistant Professor* *Assistant Professor*	*IMSIU* *IMSIU* *IMSIU* *ESIEE, Paris* *University Paris 6*	*2023-Present* *2008-2023* *2001-2008* *1997-2001* *1995-1997*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *N. Kerdid, Asymptotic analysis of stretching modes for a folded plate, submitted to AIMS Mathematics, Vol. 8, Issue 10 (2023), p. 23974-23988.* 2. *N. Kerdid, Asymptotic analysis of high frequency modes for thin elastic plates, AIMS Mathematics, Vol. 8, Issue 8 (2023), p. 18618-18630.* 3. *N. Kerdid, On the linearized system of elasticity in the half-space, AIMS Mathematics, Vol. 7, Issue 8 (2022), p.14991-15001.* 4. *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.* 5. *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* *N.A.*		

Name	*Rubayyi Turki Alqahtani*		
Post	*Professor of Applied mathematic*		
Academic career	*PhD.* *Master* *Bachelor's*	*Wollongong University* *Wollongong University* *King Saud University*	*2013* *2009* *2007*
Employment	*Position:* *Professor*	*Employer:* *Imam Mohammad Ibn Saud Islamic University*	*Period:* *2017-Now*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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 *N.A.*	Role	Period

Name	*Sami Mongi Mohamed Baraket*		
Post	*Professor*		
Academic career	*Habilitation [German post-doctoral qualification] (PDE's)* *Doctorate (PDE's)* *Bachelor (Fundamental)*	*Faculty of Sciences of Tunis* *ENS, Cachan, France* *Faculty of Sciences of Tunis*	*1998* *1994* *1990*
Employment	*Professor*	*IMSIU*	*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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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* *M. Sc. in Mathematics* *B. Sc. in Mathematics*	*Paris 6 University-France* *Limoges University France* *USTHB University-Algeria*	*1994* *1990* *1989*
Employment	*Professor* *Professor* *Associate Professor* *Assistant Professor*	*IMSIU -Saudi Arabia* *ULBM - Algeria* *ULBM - Algeria* *ULBM - Algeria*	*2014 – Present* *2013-2014* *2009-2013* *2006-2009*
Research and development projects over the last 5 years	1. *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.* 2. *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: N.A.* *Partners: N.A.*		
Patents and proprietary rights	*N.A.*		
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	*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*	*IMSIU*	*2019 - Present*
	Associate Professor	*IMSIU*	*2012- 2019*
	Assistant Professor	*IMSIU*	*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	*Associate Professor of Mathematics*		
Academic career	Habilitation *[German post-doctoral qualification]*	*Al-Imam University*	*2007*
	Doctorate (Approximation in Besov-Orlicz norm of the solution of stochastic differential equations)	*Caddi Ayyad University*	*2000*
	Undergraduate degree (Mathematics and Statistics)	*Caddi Ayyad University*	*1994*
Employment	*Position:*	*Employer*	*Period*
	Associate Professor	*IMSIU*	*2007 to Present*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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* *N.A.*		

Name	*Abdelouahed El Khalil*		
Post	*Associated Professor of Mathematics*		
Academic career	*PhD* *High Studies Diploma* *Master* *Bachelor*	*University of Fez, Morocco* *University of Fez, Morocco* *University of Fez, Morocco* *University of Fez, Morocco*	*1999* *1996* *1994* *1963*
Employment	*Associated Professor* *Assistant Professor* *Assistant Professor* *Assistant Professor* *Lecturer*	*IMSIU -Saudi Arabia* *IMSIU -Saudi Arabia* *Polytechnic School of Montreal, Canada* *Faculty of Science, Fez, Morocco* *Faculty of Science, Fez, Morocco*	*2011 – to date* *2007-2011* *2003-2006* *1999-2003* *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	1. *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.* 2. *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.* 3. *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.* 4. *On the spectrum of Robin boundary p-Laplacian problem AE Khalil Moroccan Journal of Pure and Applied Analysis 5 (2), 279–293* 5. *A Weighted Eigenvalue Problems Driven by both (·) -Harmonic and (·) -Biharmonic Operators M Laghzal, A El Khalil, A Touzani Communications in Mathematics 2020 (0011), 14.* 6. *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	*N.A.*		

Name	*Anis Ben Ghorbal*		
Post	*Associate Professor*		
Academic career	*Ph.D. in Mathematics* *M.Sc. in Mathematics* *B.Sc. in Mathematics*	*Henri Poincaré University Nancy 1, France* *Louis Pasteur University Strasbourg1, France* *Faculty of Sciences of Tunis, University of Tunis 2, Tunisia*	*2001* *1997* *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	1. *2023-2024 Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), grant number IMSIU-RP23014.* 2. *2023-2024 Deanship of Scientific Research at Imam Mohammad Ibn Saud Islamic University (IMSIU), grant number IFP-IMSIU-2023009.* 3. *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	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*1. M Shrahili, AS Hassan, EM Almetwally, A Ben Ghorbal, I Elbatal: Alpha power moment exponential model with applications to biomedical science, Scientific Programming, 2022* *2. A Ben Ghorbal: On Properties of Length-Biased Exponential Model, Mathematical Problems in Engineering 2022.* *3. 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.* *4. S Baraket, A Ben Ghorbal, A Jeribi: Generalized lower characteristic involving measures of non-strict singularity, Topological Algebra and its Applications 11 (1), 2023.* *5. 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	*N.A.*		

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*
	B.Sc. in Mathematics	*Umdorman Islamic University*	*2003*
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	1. *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.* 2. *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.* 3. *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: N.A.* *Partners: N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *Generalization of Inequalities in Metric Spaces with Applications, Journal of Applied Mathematics and Physics, 2023, 11, 2923-2931. ISSN: 2327-4379.* 2. *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.* 3. *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	*N.A.*		

Name	*Fehaid Salem Alshammari*		
Post	*Associate Professor of 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	1. *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)* 2. *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)* 3. *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	*N.A.*		

Name	*Hatem Elsayed Semary*		
Post	*Associated Professor*		
Academic Career	*Ph.D. in Statistics* (*Biostatistics and Demography)* *M.Sc. in Applied Statistic* *(Operations Research)* *B.Sc. in Applied Statistics*	 *Cairo University* *Zagazig University* *Tanta University*	 *2015* *2011* *2000*
Employment	*Associated Professor* *Associated Professor* *Assistant Professor* *Lecturer*	*IMSIU, Riyadh (KSA)* *Zagazig University* *Zagazig University* *Zagazig University*	*2022 -Present* *2021 -Present* *2015-2021* *2011-2015*
Important Publications Over the last 5 years *(Selected recent publications from a total of approx. 23 articles)*	1. *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.* 2. *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.* 3. *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.* 4. *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.* 5. *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.* 6. *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.* 7. *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.* 8. *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.* 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. Vol. 3, 2023-0064, P. 1-9.* 10. *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)*	*King Saud University, KSA*	*2018*
	M.Sc. Degree in Mathematics	*King Saud University, KSA*	*2013*
	B.Sc. Degree in Mathematics	*King Saud University, KSA*	*2010*
Employment	*Associate Professor*	*IMSIU- Saudi Arabia*	*2022- Present*
	Assistant Professor	*IMSIU- Saudi Arabia*	*2018-2022*
	Teaching Assistant	*IMSIU- Saudi Arabia*	*2014-2018*
	Demonstrator	*IMSIU- Saudi Arabia*	*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	*Project title: N.A.* *Partners: N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *Ibrahim Al-Dayel, Sharief Deshmukh, Mohd Danish Siddiqi, A characterization of GRW spacetimes, Mathematics 9 (18), 2209.* 2. *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.* 3. *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.* 4. *Sharief Deshmukh, Ibrahim Al-Dayel, Devaraja Mallesha Naik, On an Anti-Torqued Vector Field on Riemannian Manifolds. Mathematics 9 (18), 2201.* 5. *Ibrahim Al-Dayel, Sharief Deshmukh, On Compact Trans-Sasakian Manifolds, Advances in Mathematical Physics 2022, 6.* 6. *Meraj Ali Khan, Ibrahim Aldayel, Ricci curvature inequalities for skew CR-warped product submanifolds in complex space forms. Mathematics 8 (8), 1317.* 7. *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* *Ph. D.* *Applied Mathematics* *Mathematics* *BS (Mathematics and Phys.)*	*KFUPM-Hafr al batin community college* *King Fahd Univ. of Petrol. & Minerals Dhahran KSA* *SUNY at Buffalo USA* *Govt. College Lahore Pakistan*	*2002* *2002* *1993* *1987*
Employment	*Associate Professor* *Professor* *Associate Professor* *Associate Professor* *Assistant Professor* *Lecturer*	*IMSIU* *The Green Int. Univ. Lahore Pakistan* *Univ. of Hafr al Batin, KSA* *KFUPM-ACHB, KSA* *KFUPM-HBCC, KSA* *KFUPM, KSA*	*2021-to date* *20019-2021* *2014-2018* *2009-20014* *2002-2009* *1996-2002*
Research and development projects	*Warped product submanifolds of almost contact metric manifolds; grant number IMSIU-RG23036 (In Progress).*		
Industry collaborations	*N.A.*		
Patents	*N.A.*		
Important publications	*2 publications*		
Activities in specialist bodies over the last 5 years	*N.A.*		

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	*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.* *MSc* *B.Sc.*	*Wollongong University* *Wollongong University* *King Saud University*	*2014* *2010* *2007*
Employment	*Associate Professor* *Assistant Professor* *Teaching Assistant*	*IMSIU- Saudi Arabia* *IMSIU- Saudi Arabia* *IMSIU- Saudi Arabia*	*2021-present* *2015-2021* *2007-2013*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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* *M.Sc. in Mathematical Statistics* *B.Sc. Degree in Mathematics*	*C. China Normal University – Wuhan, China* *Benha University, Benha, Egypt* *Benha University, Benha, Egypt*	*2017* *2012* *2005*
Employment	*Associate Professor* *Assistant Professor* *Assistant Professor* *Senior Lecture*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *Benha University, Benha, Egypt* *Benha University, Benha, Egypt*	*2023- Present* *2022-2023* *2017-2022* *2012-2017*
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	1. *Fisher Information, Asymptotic Behavior, and Applications for Generalized Order Statistics and Their Concomitants Based on the Sarmanov Family. Axioms, 2023, 13,17.* 2. *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.* 3. *Scrutiny of a More Flexible Counterpart of Huang–Kotz FGM's Distributions in the Perspective of Some Information Measures. Symmetry, 2023, 15(6), 1257.* 4. *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.* 5. *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	*Associate Professor*
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	*N.A.*
Industry collaborations over the last 5 years	*N.A.*
Patents and proprietary rights	*N.A.*
Important publications over the last 5 years	1. *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.* 2. *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.* 3. *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	*N.A.*

Name	*Naif Mohammed Ayedh Alotaibi*		
Post	*Associate Professor*		
Academic career	*PhD in Mathematics and Statistics* *Master of Science in Statistics* *Bachelor of Mathematics*	*University of Salford in UK* *King Saud University in SA* *Teachers College - King Saud University in SA*	*2018* *2009* *2003*
Employment	*Associate Professor* *Assistant Professor* *Lecturer* *Lecturer* *Teaching Assistant*	*College of Sciences – IMSIU* *College of Sciences – IMSIU* *College of Sciences – IMSIU* *Teachers College – Riyadh* *Teachers College - Riyadh*	*28/08/1443-H Until now* *1439H-1443H* *1431H - 1439H* *1429H-1431H* *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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Said El Manouni*		
Post	*Associate Professor*		
Academic career	*Assistant Professor (Math)* Associate Researcher *(Func. Anal. & Theory of PDEs)* *PhD (Func. Anal. & Theory of PDEs)* *BSc (Math)*	*Fez University, Morocco* *Universities of: Magdeburg, TU-Berlin, FU-Berlin* *Fez University, Morocco* *Fez University, Morocco*	*2000-2002* *2002-2006* *2000* *1994*
Employment	*Associate Professor*	*IMSIU*	*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	*N.A.*		
Patents and proprietary rights	*N.A.*		
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 of 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	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *Ahmed, W. E. Ninety-Six Distinct Real Matrices for Representing a Quaternion Number. Journal of Mathematics, 2020. Article ID 2412491.* 2. *Ahmed, W. E. (2022). New Formula for Computing Quaternion Powers. Applied Mathematics, 13, 282-294.* 3. *Ahmed, W. E. (2021). Powers of Octonions. Applied Mathematics, 12, 75-84.* 4. *Ahmed, W. E. (2019). A modern Method for Constructing the S-Box of Advanced Encryption Standard. Applied Mathematics, 10, 234-244.* 5. *Ahmed, W. E. (2019). On Rijndael ByteSub Transformation. Applied Mathematics, 10, 113-118.* 6. *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	*N.A.*		

Name	*Akm Azad*		
Post	*Assistant Professor of Biostatistics, AI and Data Science*		
Academic career	*PhD in Mathematics* *Master's degree* *Bachelor's degree in computer science & engineering*	*Monash University, Australia* *Gwangju Institute of Science & Technology, South Korea* *University of Dhaka, Bangladesh*	*2017* *2012* *2008*
Employment	*Assistant professor* *Lecturer – Level B (equiv. Assistant Professor)* *Data Scientist*	*IMSIU -Saudi Arabia* *Swinburne University of Technology Sydney - Australia* *Children's Medical Research Institute, Sydney, Australia*	*2022-present* *2019-2022* *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* *Doctor of Philosophy in Numerical Analysis* *M.Sc. in Numerical Analysis*	*Riyadh College of Technology* *Pierre and Marie Curie (Paris VI) University, France* *Pierre and Marie Curie (Paris VI) University, France*	*1999-2013* *1991* *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. 2023l2024 - IFP-IMSIU-2023026, 30000 SR.*		
Important publications over the last 5 years	*Recent publications from a total of 8 publications.* *1. 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.* *2. 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.* *3. 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.* *4. 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.* *5. 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* *M.Sc. in Applied Mathematics* — *University of Cape Town* — *2009*
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.* 1. *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* 2. *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* *M.Sc. in Mathematical Statistics* *B.Sc. in Mathematics*	*Beni-Suef University, Egypt* *Beni-Suef University, Egypt* *Beni-Suef University, Egypt*	*2018* *2014* *2008*
Employment	*Assistant Professor* *Assistant Professor* *Lecture*	*IMSIU, Riyadh (KSA)* *Beni-Suef University, Egypt* *Beni-Suef University, Egypt*	*3/2022 – Present* *2018-2022* *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* — *IMSIU, Saudi Arabia* — *2005 – Present* *Assistant Professor* — *Laval University, Canada* — *1998 – 2005* *Assistant Professor* — *Blida University, Algeria* — *1992 – 1998* *Assistant Professor* — *Rene Descartes University-Paris, France* — *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	*N.A.*
Patents and proprietary rights	*N.A.*
Important publications over the last 5 years	*1. A bivariate Distribution with a Two-parameters exponential Conditional-American journal of applied Mathematics and Statistics, Vol.6 No.5, 201-209, 2018.* *2. A pseudo-Bivariate weibull-G family – Advanced and Applications in statistics 53(5), 473-486, 2018.* *3. 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* *4. 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* *5. 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	*N.A.*

Name	*Ehab M. Almetwally*		
Post	*Assistant Professor*		
Academic career	*Ph.D. in Mathematical Statistics* *M.Sc. in Mathematical Statistics* *B.Sc. in Statistics*	*Cairo University* *Cairo University* *Zagazig University*	*2023* *2019* *2016*
Employment	*Assistant Professor* *Assistant Professor* *Lecturer*	*IMSIU, Riyadh (KSA)* *Delta University for Science and Technology* *Delta University for Science and Technology*	*2023 - Present* *2022-2023* *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)* *Master's degree in mathematics* *Bachelor's degree in mathematics*	*Sousse University* *Kairouan University* *Kairouan Universitry*	*2018* *2013* *2010*
Employment	*Assistant Professor* *Assistant Professor* *Research*	*IMSIU* *ESSTHS, Tunisia* *ESSTHS, Tunsia*	*2022-present* *2019-20202* *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)* *Master's degree in mathematics* *Bachelor's degree in mathematics*	*University El Manar, Tunisia* *King Saud University, Saudi Arabia* *University El Manar, Tunisia*	*2017* *2013* *2007*
Employment	*Assistant professor* *Assistant professor*	*IMSIU, Saudi Arabia* *KSU, Saudi Arabia*	*2022-Present* *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 for the 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)* *M.Sc. in Mathematics (Numerical Analysis)* *B.Sc. in Mathematics*	*Beni-Suef University* *Beni-Suef University* *Beni-Suef University*	*2018* *2015* *2011*
Employment	*Assistant Professor* *Visiting Researcher* *Post-Doctoral Fellow* *Researcher* *Assistant* *Assistant*	*IMSIU, Riyadh (KSA)* *KSU, Riyadh (KSA)* *NU, Kazakhstan* *NRC, Egypt* *Zewail University, Egypt* *NRC, Egypt*	*2023 - Present* *2021-2022* *2021-2022* *2018 - Present* *2016-2017* *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.* 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.*		

<table>
<tr><td>Name</td><td colspan="3">Md Aquib</td></tr>
<tr><td>Post</td><td colspan="3">Assistant Professor (Differential Geometry and Differentiable Manifolds)</td></tr>
<tr><td>Academic career</td><td>Ph. D
MSc
B.Sc.</td><td>Jamia Millia Islamia, Delhi, India
Jamia Millia Islamia, Delhi, India
Jamia Millia Islamia, Delhi, India</td><td>2018
2014
2012</td></tr>
<tr><td>Employment</td><td colspan="3">IMSIU, Saudi Arabia
Assistant Professor — 12.11.2023 up to now
Post Doctorate — Hangzhou Normal University, China — 01. 01. 2023 - 31.10.2023
Assistant Professor — SVC, University of Delhi, India — 01. 01. 2021 - 30. 12. 2022
Assistant Professor — University of Delhi, Delhi, India — 17. 08. 2020 - 28. 11. 2020
Assistant Professor — Jamia Millia Islamia (SF), Delhi, India — 17.07.2019 - 31.05.2021
Assistant Professor — Jamia Millia Islamia, Delhi, India — 07. 08. 2018- 31. 05. 2020</td></tr>
<tr><td>Important publications over the last 5 years</td><td colspan="3">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.</td></tr>
</table>

Name	*Mohammed Messaoudi*		
Post	*Assistant Professor of Computer Science*		
Academic career	*Ph.D. in Computer Science* *MPhil in Computer Science* *BSc in Computer Science*	*University of Durham* *EnglandUniversity of Durham* *England University of Oran* *Algeria*	*1994* *1990* *1986*
Employment	*Position* *Assistant Professor* *Consulant* *Assistant Professor* *Software Developer*	*Employer* *IMSIU-KSA* *Alleyne Inc.-Canada* *Institute of Public Administration* *Arabian Advanced Systems-KSA*	*Period* *2004-Present* *2000-2004* *1988-2000* *1986-1988*
Research and development projectsover 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 collaborationsover the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publicationsover the last 5 years	1. *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.* 2. *Mohammed Messaoudi. A Model for Viewpoint Control in Requirements Elicitation. Journal of Computer Science and Technology Studies. Vo. 4, No.1, 2022.* 3. *Mohammed Messaoudi. A Model for Requirements Validation through Viewpoint Control. International Journal of Computer Applications, Vol. 184, issue 4, 2022.*		
Activities in specialistbodies over the last 5 years	*N.A.*		

Name	*Youssef Lazar*		
Post	*Assistant Professor of Mathematics*		
Academic career	*BSc in Mathematics* *M.Sc. Mathematics* *PhD Mathematics*	*Paris 12 University (France)* *Paris 6 University (France)* *University of East Anglia (UK)*	*2004* *2008* *2013*
Employment	*Assistant Professor*	*Dept of Mathematics and Statistics College of Science – IMSIU-Riyadh (KSA)*	*2015-Now*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *On the density of S-integral points near some projective G-varieties Annales Fennici Mathematici (2023).* 2. *Explicit solutions to the Oppenheim conjecture for indefinite ternary forms. Acta Arithmetica (2022).*		
Activities in specialist bodies over the last 5 years	*N.A.*		

Name	*Abdullah Alhejji*		
Post	*Lecturer of Mathematics*		
Academic career	*BSc in Applied Mathematics* *Msc in Mathematics*		
Employment	*Lecturer*	*Dept of Mathematics and Statistics College of Science - IMSIU*	
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*N.A.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

Name	*Abdulmohsen Alharthi*		
Post	*Lecturer of Applied Mathematics*		
Academic career	*PhD Computational Mathematics* *MS Applied & Computational Mathematics* *BS Mathematics*	*KAUST* *Rochester Institute of Technology* *IMSIU*	*present* *2022* *2015*
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	*N.A.*		
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* *N.A.*		

Name	*Abdurahman M aldukeel*		
Post	*Lecturer in Mathematics and Statistics Department*		
Academic career	*BSc in Applied Mathematics* *MSc in Applied Statistics*	*King Saud Universtiy* *Micqure University*	*2004* *2009*
Employment	*Tutor/Teaching Assistant* *Lecturer*	*Dept of Mathematics and Statistics College of Science, IMSIU* *College of Science, IMSIU*	*2005-2009* *2009-Now*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*N.A.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

Name	*Almonther Mohammed Z Alarfaj*		
Post	*Lecturer of 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	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *Local Existence and Blow-Up of Solutions for Wave Equation.* 2. *the Fractional Laplacian with Nonlinear Source Term, Axioms 2023, 12, 343. Issue: 4.* 3. *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.* 4. *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	*N.A.*		

Name	*Asim Abdulrahman Alawfi*		
Post	*Lecturer of 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's degree in Pure Mathematics	*Taibah University*	*2008*
Employment	*Lecturer*	*IMSIU*	*2010-Present*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*N.A.*		
Activities in specialist bodies over the last 5 years	1. *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.* 2. *Attended and presented "Mathematics of models with delay for auditory streaming" at LMS 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*		
Academic career	*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 andComputer - University of Gazira* *Faculty of Education - University of Sudan forScience 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	1. *Mathematical Modeling of Certain Epidemic Models Using Fractional Calculus* *2. Develop a data mining model to support strategic decision-making* *3. https://www.youtube.com/@Dr.SalahOmerEDU* *4.Preparation of a series of knowledge in computer science for secondary school students - Sudan. Deposit number (782-2009).* 5. *Preparation of series painter in computer science for students' secondary stage - Sudan - 2012.*		

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	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Sulaiman Saleh Alwabel*		
Post	*Teaching Assistant*		
Academic career	*BSc in Mathematics* *MSc in mathematical science*	*Qassim University* *University of Central Florida*	*2014* *2023*
Employment	*Teacher* *Teaching assistant*	*College of Science, Ministry of education* *College of Science, IMSIU*	*2014-2017* *2017-Present*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*N.A.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

The Female Section

Name	*Farida Mokchaha.*		
Post	*Professor of 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*	*1986* *2005* *1993* *1985*
Employment	*Position:* *Professor*	*Employer:* *IMSIU*	*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	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*Selected recent publications:* 1. *On Random Maps Correlated with Random Densities. International Journal of Applied Mathematics 35 (6) 887 – 901 – 2022.* 2. *On Random Dynamical Systems Generated by White Noise Time Change of Deterministic Dynamical Systems. Journal of Probability and Statistics, 2022- 7 – 2022.* 3. *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	*N.A.*		

Name	*Lamiaa Sabry Gad diab*		
Post	*Professor*		
Academic career	*Ph. D. in Mathematical Statistics* *M.Sc. in Mathematical Statistics* *B.Sc. in Mathematics*	*Al-Azhar University*	*2004* *1999* *1993*
Employment	*Professor* *Professor and head of mathematic dep.* *Associated Professor* *Associated Professor* *Assistant Professor* *Assistant Professor*	*IMSIU, Riyadh (KSA)* *Al-Azhar University* *Al-Azhar University* *KSU, Riyadh (KSA)* *KSU, Riyadh (KSA)* *Al-Azhar University*	*March 2023-present* *2017-2023* *2012-2017* *2011-2012* *2007-2011* *2004-2007*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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.* *2. 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* *3. 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* *4. 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.* *5. 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	*N.A.*		

Name	*Abeer Saleh Alnahdi*		
Post	*Assistant Professor*		
Academic career	*PhD in Applied Mathematics* *MSc in Mathematics* *BSc in Mathematics*	*University of Leeds* *University of Leeds* *King Abdulaziz University*	*2015* *2010* *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	*Associate Professor*	*IMSIU- Saudi Arabia*	*Since 2022*
	Assistant Professor	*IMSIU- Saudi Arabia*	*2012-2022*
	Assistant Professor	*Lahore College Women University*	*2010-2012*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	*1. Topological indices of novel drugs used in blood cancer treatment and its QSPR modeling, AIMS Mathematics (2022).* *2. 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).* *3. 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).* *4. Implication of forced convective flow of nanofluid towards an exponentially stretched surface: Non-similar transformations, SAGE Publications (2022).* *5. Topological Indices of Novel Drugs Used in Diabetes Treatment and Their QSPR Modeling, Journal of Mathematics (2022).* *6. Topological Properties of Nano Sheets Based on Octa Graphene, Journal of Mathematics (2022).* *7. Topological Descriptors and QSPR Models of Drugs used in Blood Cancer. Punjab University Journal of Mathematics, 55(1) (2023).* *8. QSPR Modeling of Fungicides Using Topological Descriptors International Journal of Analytical Chemistry, 2023.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

Name	*Ghaliah Yahya Alhamzi*		
Post	*Associate Professor in Noncommutative Geometry*		
Academic career	*Ph. D. in Noncommutative Geometry* *MSc in Mathematics and Computing for Finance* *B.Sc. in Mathematics*	*Swansea University, UK* *Swansea University, UK* *Jazan University*	*2016* *2005* *2004*
Employment	*Associate Professor* *Assistant Professor* *Lecturer* *Teaching Assistant*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia*	*2023* *2016-2023* *2016* *2013-2016*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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- 2.* 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	*N.A.*		

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	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Ibtisam Mohammed Aldawish*		
Post	*Associate professor*		
Academic career	*Doctor of Philosophy (Complex Analysis)* *Master of Science (Mathematics)* *Bachelor's degree in mathematics (Pure Mathematics)*	*National University of Malaysia (UKM), Malaysia I* *National University of Malaysia (UKM), Malaysia* *Princess Nora bint Abdul Rahman University, Riyadh*	*2015* *2012* *2004*
Employment	*Associate professor* *Assistant Professor* *Teaching Assistant*	*IMISIU, Riyadh (KSA)* *IMISIU, Riyadh (KSA)* *IMISIU, Riyadh (KSA)*	*2022-Present* *2015-2022* *2005-2009*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Kholoud Saad Albalawi*		
Post	*Associate Professor of Mathematics*		
Academic career	*Ph.D. in Mathematics* *MSc. in Mathematics* *B.Sc. in Mathematics*	*King Saud University, Riyadh, Saudi Arabia* *Imam Abdulrahman Bin Faisal University Dammam, Saudi Arabia*	*2015* *2007* *2001*
Employment	*Associate Professor* *Assistant Professor* *Lecturer* *Teaching Assistant*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia*	*2023-present* *2015-2023* *2009-2015* *2007-2009*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Mohammadi begum jeelani shaikh*		
Post	*Associate professor*		
Academic career	*Habilitation [German post-doctoral qualification] -Applied mathematics* *Doctorate- Numerical methods* *Undergraduate degree- Applied mathematics*	*IMSIU* *BSP UNIVERSITY, India* *OU UNIVERSITY, India*	*2014* *2012* *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	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *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.* 2. *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.* 3. *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.* 4. *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.* 5. *Analyzing a SEIR-Type Mathematical Model of SARS-COVID-19 Using Piecewise Fractional Order OperatorsNH Alharthi, MB Jeelani Preprints, 2023.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

Name	*Nadiyah Hussain Alharthi*		
Post	*Associate Professor of Mathematics*		
Academic career	*Ph.D. in Applied Mathematic* *MSc. in Applied Mathematics* *B.Sc. in Mathematics*	*Florida Institute of Technology, Florida, USA* *Florida Institute of Technology, Florida, USA* *Umm Al-Qura University, Taif, KSA.*	*Dec 2013* *May 2011* *2001*
Employment	*Associate Professor* *Assistant Professor* *Teacher*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *High-School, Taif, Saudi Arabia*	*2023-present* *2015-2023* *2004-2008*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
Important publications over the last 5 years	1. *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.* 2. *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).* 3. *Nadiyah Hussain Alharthi, Abdon Atangana, and Badr S. Alkahtani, Numerical analysis of some partial differential equation with fractal-fractional derivative, AIMS Mathematics, 8(1): 2240–2256, 2022.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

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

Name	*Amani Salem Baazeem*		
Post	*Assistant Professor of Mathematics*		
Academic career	*Ph.D. in Mathematics* *MSc. in Mathematics* *B.Sc. in Mathematics*	*King Saud University, Riyadh, Saudi Arabia* *King Saud University, Riyadh, Saudi Arabia* *King Saud University, Riyadh, Saudi Arabia*	*2019* *2010* *2004*
Employment	*Assistant Professor* *Lecturer* *Teaching Assistant*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia*	*2019-Present* *2010-2018* *2006-2009*
Research and development projects over the last 5 years	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

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	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

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	*N.A.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

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	*N.A.*		
Industry collaborations over the last 5 years	*Project title/ N.A.* *Partners/ N.A.*		
Patents and proprietary rights	*Title/ N.A.*		*Year/ N.A.*
Important publications over the last 5 years	*N.A.*		
Activities in specialist bodies over the last 5 years	*Organisation/ N.A.*	*Role/ N.A.*	*Period/ N.A.*

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	1. *Euler characteristic on locally compact stratified spaces.* 2. *Stratified group actions.*		
Industry collaborations over the last 5 years	*N.A.*		
Patents and proprietary rights	*N.A.*		
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	*N.A.*		

Name	*Ines Ben Omrane*		
Post	*Assistant Professor of Mathematics*		
Academic career	*Ph.D. in Mathematics* *M.Sc. in Engineering Mathematics* *Bachelor of Mathematics*	*University Manar Tunis, Tunisia* *Ecole Polytechnique de Tunisie.* *University Manar Tunis, Tunisia*	*2010* *2005* *2002*
Employment	*Assistant Professor* *Assistant Professor* *Assistant* *Assistant* *Assistant*	*IMSIU* *Carthage University Tunis, Tunisia* *University Manar Tunis, Tunisia* *Tunis University, Tunisia* *University Manar Tunis, Tunisia*	*2011-Present* *2010-2011* *2009-2010* *2007-2009* *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	1. *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.* 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.* 3. *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* 4. *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.* 5. *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* *Master in Functional Analysis)* *Bachelor's degree Mathematics*	*Western Michigan University* *Princess Nora University* *Princess Nora University*	*2017* *2010* *2005*
Employment	*Teaching Assistant* *Lecturer* *Assistant professor* *Graduate student coordinator in Mathematics Department.* *Vice dean of TCED*	*IMSIU* *IMSIU* *IMSIU* *IMSIU* *IMSIU*	*2009-2011* *2011-2017* *2017-2018* *2018-2020*
Research and development projects over the last 5 years	1. *Master thesis in "Solution of Some Parabolic Abstract Non-Linear Differential Equations".* 2. *Structures of Derived Graphs, Western Michigan University, 2017.* 3. *On 3-Line Graphs and Z-Graphs, 2017.* 4. *On the connectedness of 3-line graphs, 2018.* 5. *On the Planarity of Generalized Line Graphs, 2018.*		
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	*Khulud Abbas Alyousef*		
Post	*Assistant Professor, Head of the Sciences department in Applied College in Huraymila.*		
Academic career	*Doctorate (Ordinary Differential Equations)* *Master's degree (Algebra)* *Undergraduate degree (Mathematics)*	*University of Nebraska-Lincoln-USA* *University of Sam Houston State University* *King Faisal University*	*2012* *2008* *2005*
Employment	*Position* *Assistant Professor*	*Employer* *Imam Muhammad bin Saud Islamic University*	*Period*
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	*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* *Teaching Assistant*	*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	*NA*		
Industry collaborations over the last 5 years	*NA*		
Patents and proprietary rights	*NA*		
Important publications over the last 5 years	1. *KS Albalawi,* ***M Bin-Asfour****, F Vetro, Remarks on Nonlocal Dirichlet Problems,* Mathematics *2022,* 10*, 1546.* 2. ***M Bin Asfour****, Eman Almuhur α-CONTINUOUS FUNCTIONS AND COUNTABLY A-COMPACT SETS IN IDEAL TOPOLOGICAL SPACES, Journal of Southwest Jiaotong University, 2022.* 3. *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	*NA*		

Name	*Nasreen Ebrahim Almohanna*		
Post	*Assistant Professor of mathematics*		
Academic career	*Ph.D. in Graph Theory* *Master of Arts Mathematics* *Master in Topology* *Bachelor's degree Mathematics*	*Western Michigan University,* *Western Michigan University,* *Princess Nora University* *Princess Nora University*	*2019* *2018* *2009* *2003*
Employment	*Assistant professor* *Lecturer* *Teaching Assistant*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia*	*2019-Present* *2010-2019* *2009-2010*
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	1. *Nasreen Almohanna,Uniformly connected graphs, 2019.* 2. *Nasreen Almohanna, Drake Olejniczak and Ping Zhang, Hamiltonian-Connected Graphs with Additional Properties, 2019.*		
Activities in specialist bodies over the last 5 years	*NA*		

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	*NA*		
Industry collaborations over the last 5 years	*NA*		
Patents and proprietary rights	*NA*		
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	*NA*		

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 Ibn Saud Islamic University* *College of Engineering Sciences* *Hafr Al-Batin University* *Sudan International University*	*09/2019 up to now* *09/2018 -09/2019* *02/2017 - 08/2018* *2015- 2017*
Important publications over the last 5 years	1. *Existence and Asymptotic Stability of the Solution for the Timoshenko Transmission System with Distributed Delay. Axioms 2023, 12(9), 833.* 2. *Well-Posedness and Energy Decay Rates for a Timoshenko-Type System with Internal Time-Varying Delay in the Displacement. Symmetry 2023, 15(10), 1878.* 3. *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 of Applied Numerical Computing*		
Academic career	*PhD* *M.Sc.* *BSc*	*The University of Manchester, UK* *The University of Manchester, UK* *Princess Noura University, KSA*	*2014* *2008* *2003*
Employment	*Assistant Professor* *Lecturer*	*IMSIU* *IMSIU*	*2014 – Now* *2004 - 2007*
Research and development projects over the last 5 years	*NA*		
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	*NA*		
Important publications over the last 5 years	*NA*		
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*	
Employment	*Position:* *Assistant professor*	*Employer:* *IMSIU*	*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	*NA*		
Patents and proprietary rights	*NA*		
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	*NA*		

Name	*Sobia Sultana*		
Post	*Assistant Professor*		
Academic career	*PhD in Pure Mathematics* *MSc in Mathematics* *BSc in Mathematics*	*ASSMS, GCU* *University of the Punjab* *University of the Punjab*	*2009* *2002* *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 ħ ˆ-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* *Bachelor of science in Applied Mathematics*	*IMSIU* *IMSIU*	*2018* *2016*
Employment	*Lecturer* *Teaching assistant*	*IMISU* *IMISU*	*2019-Now* *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 in Financial Mathematics* *Bachelor of Science in 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	*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	*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	*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	*Amsha Fasial Alsubaie*		
Post	*Lecturer*		
Academic career	*M.Sc. in Mathematics* *B.Sc. in Mathematics*	*King Saud University,* *Riyadh, Saudi Arabia*	*2014* *2012*
Employment	*Position* *Lecturer*	*Employer* *IMSIU, Saudi Arabia*	*Period* *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* *Initial academic appointment* *Lecturer*	*Qassim University* *IMSIU* *IMSIU*	*2008-2012* *2012-2013* *2013 till now*
Employment	*Position:* *Lecturer in Math dept*	*Employer:* *IMSIU*	*Period:* *2013 till 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	*Balsam Alsohaibani*		
Post	*Lecturer*		
Academic career	*Bachelor's degree in mathematics* *Master's degree in mathematics*	*Princess Noura University* *King Saud University*	*2004* *2010*
Employment	*Teaching Assistant* *Lecturer*	*College of science Imam University* *College of science Imam University*	*2005* *2010-present*
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	*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 Assistant	*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)* *Master's degree* *Bachelor's degree*	*King Saud University, Riyadh, Saudi Arabia* *King Saud University, Riyadh, Saudi Arabia* *Prince Nora University*	*2020- Until now* *2011* *2001*
Employment	*Position* *Lecturer*	*Employer* *Imam Muhammad Ibn Saud Islamic University*	*Period*
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	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 *NA*	Role	Period

Name	*Hind Almadi*		
Post	*Lecturer*		
Academic career	*Master's degree in mathematics* *Bachelor's degree in mathematics*	*King Saud University* *Princess Noura University*	*2015* *2009*
Employment	*Lecturer* *Teaching Assistant* *Teaching Assistant*	*IMSIU* *IMSIU* *Princess Noura University*	*2017-present* *2014* *2010*
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	*Huda Bedah Albedah*		
Post	*Lecturer*		
Academic career	*M.Sc. Degree in Mathematics* *B.Sc. Degree in Mathematics*	*IMSIU, Riyadh,* *Saudi Arabia* *Majmaah university*	*2019* *2004*
Employment	*Lecturer* *Teaching Assistant*	*IMSIU- Saudi Arabia* *IMSIU- Saudi Arabia*	*2019- Present* *2013-2019*
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	*N.A.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

Name	*Mae Ahmed AL-Hamrani*		
Post	*Lecturer*		
Academic career	*M.Sc. in Mathematics* *Computer Diploma* *B.Sc. in Mathematics*	*PNU, Riyadh, Saudi Arabia* *IMSIU- Saudi Arabia* *PNU, Riyadh, Saudi Arabia*	*2011* *2006* *2004*
Employment	*Lecturer* *Teaching Assistant*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia*	*2012-Present* *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	*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 / *Lecturer*	*Imam Muhammad Ibn Saud Islamic University*	*2017-Present*
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	*Modhi AbdulJalil Al-Buraykan*		
Post	*Lecturer of Mathematics*		
Academic career	*B.Sc. in Mathematics* *MSc. in Mathematics*	*IMSIU, Riyadh, Saudi Arabia* *IMSIU, Riyadh, Saudi Arabia*	*1434(2013)* *1437(2016)*
Employment	*Teaching Assistant* *Lecturer*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia*	*1434-1438 (2013-2017)* *1438-Present (2017-Present)*
Research and development projects over the last 5 years	*NA*		nt
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	*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*	*IMSIU*	*2021*
	Teaching Assistant	*IMSIU*	*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)* *M.Sc. Degree in Mathematics* *B.Sc. Degree in Mathematics*	*College of Science, King Abdul Aziz University, Jeddah, Saudi Arabia* *King Saud University, KSA* *College of Science, Princes Noura University, Riyadh, Saudi Arabia*	*2022-Till now* *2017* *2010*
Employment	*Lecturer* *Teaching Assistant*	*IMSIU- Saudi Arabia* *IMSIU- Saudi Arabia*	*2019- Present* *2013-2019*
Research and development projects 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		
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	*N.A.*		
Activities in specialist bodies over the last 5 years	*N.A.*		

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	*NA*		
Industry collaborations over the last 5 years	*NA*		
Patents and proprietary rights	*NA*		
Important publications over the last 5 years	1. *Alyousef, R. (2019). Teaching and Learning Mathematics Online. Multi-Knowledge Electronic Comprehensive Journal for Education & Science Publications (MECSJ), (20).* 2. *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	*NA*		

Name	*Rehab Nasser Saud Al Rami*		
Post	*Lecturer*		
Academic career	*M.Sc. in Mathematics* *B.Sc. in Mathematics*	*King Saud University, Riyadh, Saudi Arabia* *King Saud University, Riyadh, Saudi Arabia*	*2011* *2006*
Employment	*Lecturer* *Teaching Assistant*	*IMSIU, Saudi Arabia* *IMSIU, Saudi Arabia*	*2013-Present* *2012-2013*
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	*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*	*Employer*	*Period*
	Lecturer	*IMSIU, Saudi Arabia*	*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*
Academic career	*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	*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	*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)* *Diploma of Computer Applications* *B.Sc. of Science and Education in Mathematics*	*Cardiff University, UK* *Imam Mohmmad Ibn Saud Islamic University* *Princess Noura bint Abdul Rahman University*	*2023* *2010* *2004*
Employment	*Teaching Assistant* *Math Teacher* *Educational Supervisor* *Math Teacher*	*Imam Mohmmad Ibn Saud Islamic University* *Ministry of Education* *Ministry of Education* *Dar Al Uloom Private School*	*2018 – Present* *2012-2018* *2016* *2005-2012*
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*		