

KINGDOM OF SAUDI ARABIA  
MINISTRY OF EDUCATION  
JAZAN UNIVERSITY  
Faculty of Science  
Department of *Mathematics*



المملكة العربية السعودية  
وزارة التعليم  
جامعة جازان  
كلية العلوم  
قسم الرياضيات

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## **Research Seminars in the Mathematics Department**

***(Research Seminars, 2016-2021)***

**Academic year 2016-2017:**

No	Name	Date	Title
1.	Mr. Raed Qahiti	August 30, 2016	An Analytic Solution Technique for PDE's. Separation of variables in polar coordinate.
2.	Dr. Ismail Ibedou	October 16, 2016	Graded Fuzzy Separation Axioms.
3.	Dr. Zico Mutum	November 24, 2016	Mathematical Model for Threat Sampling in Cloud Computing.
4.	Dr. Seid Toum	December 05, 2016	External problem in function theory.
5.	Dr. Ali Koam	December 12, 2016	Equivariant Hochschild Cohomology.
6.	Dr. Abd El Moneam	March 15, 2017	On the Asymptotic Behavior of Some Nonlinear Difference Equations.
7.	Dr. Ramadan Sabra	April 17, 2017	The Algebra $A(E)$ .

**Academic year 2017-2018:**

No	Name	Date	Title
1.	Dr. Prakash Rajendran	11 October, 2017	Spectral subspaces for a commutative Banach algebra.
2.	Dr. Nageswara Rao	25 October, 2017	Eigenvalues for Iterative Systems of Nonlinear Fractional Order Boundary Value Problems with p-Laplacian.
3.	Dr. Said Bourazza	13 November, 2017	Introduction to Landscape Analysis.
4.	Dr. Muhammed Shehata	22 November, 2017	Time-Optimal Control Problem for Some Hyperbolic System.
5.	Dr. Shakir Ali (KAU)	07 December, 2017	A certain class of additive maps in rings and algebras.
6.	Mr. Anwar M. Alhazmi	14 February, 2018	Problems on Discrete Mathematical Modeling.
7.	Dr. Abdul Haseeb	28 February, 2018	On a Quarter-sym. metric connection in an Lorentzian Para-Saskian Manifolds.
8.	Dr. Yasser Salah	15 March, 2018	Entanglement and Geometric Phase of Multi-Qubit Systems
9.	Prof. Dr. Mobin Ahmad	28 March, 2018	A New Method for Finding an Optimal Solution for Transportation Problem.
10.	Dr. Habib Yazidi	11 April, 2018	The effect of a discontinuous weight for a critical Sobolev PDE.
11.	Dr. Manoj Singh	25 April, 2018	On Some Properties of a Generalization of Bessel-Maitland Function.

**Academic year 2018-2019:**

No	Name	Date	Title
1.	Mr. Qaseem Tawhari	19 September, 2018	Master of Science in Mathematics And Statistics Taught Courses Awarded By Western Illinois University
2.	Dr. Mahamoud Bakhit	10 October, 2018	Certain Banach Spaces of Quaternion-Valued Functions.
3.	Dr. Idir Mechai	24 October, 2018	Finite Element Approximation Solution of Volterra Integro-Differential Equations System of the Second Kind.
4.	Prof. Dr. Salah Abbas	07 November, 2018	Fuzzy Ideal Topological Spaces.
5.	Dr. Yashpal Singh	30 January, 2019	A Compromise Allocation in Multivariate Stratified Sampling in Presence of Non-Response.
6.	Dr. Hashim Khan	13 February, 2019	Effect of Inter Asperity Cavitation on Thermal Elastohydrodynamic Lubrication of Line Contact Rough Surfaces.
7.	Prof. Saad Al-Tabili	27 February, 2019	On Growth Triangular Graphs.
8.	Dr. Mousa Hunul	05 March, 2019	Determination of Time-Dependent Coefficient for a Weakly Degenerate Heat Equation.
9.	Dr. Akram Nemri	03 April, 2019	On Heat and Wave Polynomials and Q-Analogous.
10.	Dr. Abullah Ahmadini	16 May, 2019	Imprecise statistical methods for accelerated life testing.

**Academic year 2019-2020:**

No	Name	Date	Title
1.	Dr. Mohammed Hassan	17 October, 2019	Common fixed point theorems in fuzzy metric-like spaces employing common property (e.a).
2.	Dr. Muhammed Tamsir	20 November, 2019	A collocation technique based on modified form of cubic trigonometric b-spline basis functions for Fisher's reaction-diffusion equations.
3.	Dr. Tahar Bouali	19 February, 2020	Existence of weak solution for impulsive fractional problem via Browder theorem.

\*Comparatively less activities due to pandemic.

**Academic year 2020-2021:**

<b>No</b>	<b>Name</b>	<b>Date</b>	<b>Title</b>
1.	Dr. Hassan Almusawa.	01 September, 2020	Symmetry Algebras of the Canonical Lie Group Geodesic equations in dimension five.
2.	Dr. Abdullah Zaagan.	01 September, 2020	Bayesian approach of joint models of longitudinal outcomes and informative time.
3.	Mr. Mohsin Alzidani	10 September, 2020	Fitted linear regression model.
4.	Dr. Abdallah Nassr	11 November, 2020	Fuzzy pre-irresolute mappings.
5.	Dr. Shah Alam Siddiqui	18 November, 2020	Relativistic significance of Cone harmonic curvature tensor
6.	Prof. Dr. Mobin Ahmad Syed	09 December, 2020	A New Method for Finding Basic Feasible Solution of Transportation problem and its Comparison with Other Methods.
7.	Mr. Mohammad Mogri	28 January, 2021	Standing waves for the nonlinear Schrödinger equations
8.	Dr. Raed Qahiti	05 May, 2021	Mathematical Modelling and Investigation of Tumour-Immune Interactions: The Importance of Metabolism