Day 1: 25 November 2024

09:00 AM – 10:00 AM	Registration
10:00 AM – 11:00 AM	**Opening Ceremony** **Venue: Wasfi Al-Tal Hall, Building B** **Speech by the Dean of the Faculty: Prof. Shawkat Alkhazaleh** **Video about Jadara University, Faculty of Science,** **and Department of Mathematics** **Speech by President of Jadara University: Prof. Habes Hatamleh** **Distribution of Shields**
11:00 AM - 11:30 AM	**Conference Group Photo, Coffee Break**
11:30 AM - 12:00 PM	**Keynote Talk I: Prof. Dr. Chaudry Masood Khalique** **Department of Mathematical Sciences, North-West University,** **Mafikeng Campus, South Africa**
12:00 PM - 12:30 PM	**Keynote Talk II: Prof. Dr. Samir H. Saker,** **New Mansoura University, Dean of Faculty of Science, Egypt**

**12:30 PM – 1:30 PM	Session 1:** **Venue: Wasfi Al-Tal Hall, Building B**
12:30 – Abdelkader Gasmi University of M'sila, Algeria *Title: Modeling Infectious Disease Dynamics Using Markov Interval Chains*
12:45 – Aissa Djeriou University of M'sila, Algeria *Title: Boundedness of some bilinear operators on variable Morrey spaces*
01:00 – Mohammad Alakhrass University of Sharjah, United Arab Emirates *Title: Singular Value Inequalities Related to PPT*
01:15 – Muhammed Syam United Arab Emirates University, United Arab Emirates *Title: Numerical method for solving Blasius boundary layer model*

**1:30 PM – 2:15 PM	Session 2:** **Venue: Wasfi Al-Tal Hall, Building B**
01:30 – Mohammed Al refai Yarmouk University, Jordan *Title: Geometric Properties of Functions Through Fractional Derivatives: Analytical Results and Applications*

01:45 – Falalu Muhammed Nigeria Police Academy wudil kano, Nigeria *Title: Transmission dynamics of meningitis to determine the significance impact of vaccination, negative effect of carrier and control on children under 15 years in the north western Nigeria*	

02:00 – Mervat Elzawy Taibah University, Saudi Arabia *Title: A novel Method of Bertrand Curves in Euclidean space*	

| 02:30 PM – 03:30 PM | **Lunch Break** |

Day 2: 26 November 2024

09:30 AM – 10:00 AM	**Morning Coffee & Networking** **Venue: Wasfi Al-Tal Hall, Building B**
10:00 AM - 10:30 AM	**Keynote Talk: Prof. Dr. Samer Hamed Al Ghour** **Department of Mathematics and Statistics, Jordan University of Science and Technology, Jordan**

10:30 AM – 12:30 PM	**Parallel Sessions**

10:30 AM – 11:30 AM | Session 1: **Venue: Ibn Rushd Hall, Building A**	**10:30 AM – 11:30 AM | Session 2:** **Venue: Wasfi Al-Tal Hall, Building B**
10:30 – Heba Abou-Al-Foul Jadara University, Jordan *Title:Efficient Solutions of Burgers' Equation Using Sawi Transform Homotopy Perturbation Method*	10:30 – Marwan Al-Momani University of Sharjah, United Arab Emirates *Title: Ridge-Type Pretest and Shrinkage Estimation Strategies in Spatial Error Models with an Application to a Real Data Example*
10:45 – Maryam Hajjat Jadara University, Jordan *Title: Some results on fixed point in generalized metric spaces Via an auxiliary function*	10:45 – Firas Ahmed University of Sharjah, United Arab Emirates *Title: A Certain Subclass of Meromorphic Functions Defined by A Gaussian-Hurwitz hypergeometric Operator*
11:00 – Freihan zaza Jadara University, Jordan *Title: Exact and Numerical Solution of Fuzzy Diffusion Equations in Double Parametric Form of Fuzzy Number*	11:00 – Ayman Bateeha Irbid National University, Jordan *Title: Optimal Homotopy Asymptotic Method for Solving Linear and Non-Linear Systems of Differential Equations*
11:15 – Abedel-Karrem Alomari Yarmouk University, Jordan *Title: Approximate analytic solution for chaotic system with variable coefficients and time delay*	11:15 – Alaa Al-Kateeb Yarmouk University, Jordan *Title: General Properties of a Class of Generalized Fibonacci and Lucas Numbers*

11:30 PM – 12:30 PM | Session 3: Venue: Ibn Rushd Hall, Building A	11:30 PM – 12:30 PM | Session 4: Venue: Wasfi Al-Tal Hall, Building B
11:30 – Sharaf Aldeen Albteiha Irbid National University, Jordan *Title: Novel Generalizations for Higher-Order Taylor Method via Fractional and q-Fractional Calculus*	11:30 – Hamzeh Alkasasbeh Ajloun National University, Jordan *Title: Mixed Convection in Casson Hybrid Nanofluid Flow over an Inclined Plate*
11:45 – Dua'a Albarakat Jadara University, Jordan *Title: Semi-Analytical Solutions for Kawahara and Fifth-Order KdV Equations using the Sawi Transform Homotopy Perturbation Method*	11:45 – Ayser Tahat Jerash University, Jordan *Title: Surface Data Visualization Using Rational Bi-Cubic Ball Functions*
12:00 – Iqbal Jebril Al-Zaytoonah University of Jordan, Jordan *Title: A Numerical Approach for Solving Fractional Linear Boundary Value Problems Using Shooting Method*	12:00 – Mus'ab Eyal Awwad Zarqa University, Jordan *Title: Double Alzughair Integral Transform*
12:15 – Anwar Bataihah Jadara University, Jordan *Title: Fixed point results in neutrosophic metric spaces via Geraghty functions*	12:15 – Gharib Gharib Zarqa University, Jordan *Title: The Integral Transform "GALM" and Its Applications on Partial Differential Equations*

12:30 PM – 01:00 PM	**Coffee Break**

1:00 PM – 2:00 PM | Session 5: Venue: Ibn Rushd Hall, Building A	1:00 PM – 2:00 PM | Session 6: Venue: Wasfi Al-Tal Hall, Building B
01:00 –Hamzeh Zureigat Jadara University, Jordan *Title: Numerical solution of Neutrosophic Fuzzy Quadratic Riccati Differential Equations by modified Daftardar-Gejji and Jafari Method*	01:00 – Alaa AlWadi Zarqa University, Jordan *Title: Enhanced Solutions to Differential Equations Using Numerical Iterative Approach*
01:15 – Belal Batiha Jadara University, Jordan *Title: A New Numerical Method to Solve Fuzzy Sine-Gordon Equation*	01:15 – Tareq Al-Sunna Zarqa University, Jordan *Title: Applications on the double Lapalce - Shehu transform in Solving Partial Integro Differential Equations*

01:30 – Wadei Alomari Jadara University, Jordan *Title: Double Fuzzy-Continuous Functions In Double Fuzzy Topological Spaces*	01:30 – Ammar Al-Tawil Jadara University, Jordan *Title: Fixed point results in ω_t-distance mappings for Geraghty type contractions*
01:45 – Areen Al-khateeb Jadara University, Jordan *Title: Modified Saulevâs Scheme for the Solution of Intuitionistic Fuzzy Time Fractional Diffusion Equation in Double Parametric Form of Fuzzy Number*	01:45 – Nabeel Amireh Zarqa University, Jordan *Title: Solving Linear Volterra Integral Equations of First Kind Using The GALM Transform*

02:00 PM – 03:00 PM **Venue: Wasfi Al-Tal Hall, Building B**	**Closing Remarks & Award Ceremony** • **Speech by the Dean of the Faculty: Prof. Shawkat Alkhazaleh** • **Distribution of Certificates** • **The Best Presentation Award**

03:00 PM – 04:00 PM	**Lunch Break**

Day 3: 27 November 2024

10:00 AM – 03:00 PM	**Free Day: Picnic to Umm Qais**
10:00 AM	Departure from the conference venue.
11:00 AM	Arrival at Umm Qais
11:00 AM – 12:30 PM	Explore the ancient Greco-Roman ruins, panoramic views of the Golan Heights, Explore the Ottoman Village, and Visit the Archaeological Museum
12:30 PM – 01:30 PM	Lunch in a local restaurant
01:30 PM – 02:30 PM	Free time to explore and relax in Umm Qais
02:30 PM	Departure back to the conference venue
03:00 PM	Arrival at the conference venue