

## Programme of the Conference

<b>Registration</b>	10:00 – 10.30 AM <b>(Department of Mathematics, Seminar Hall)</b>	
<b>Inaugural Ceremony</b>	10: 30 – 11. 10 AM <b>(Department of Mathematics, Lecture Hall)</b>	
	Welcome Address/ Opening Remarks	Dr. M A Khanday
	About the Department of Mathematics	Dr. B. A. Zargar
	About Kashmir Mathematical Society	Prof. W. M. Shah
	Keynote Address on S. Ramanujan	Prof. M. H. Gulzar
	Vote of thanks	Dr. M. I. Bhat
<b>High Tea</b>	11.10 – 11.20 AM	
<b>Technical Session-I</b>	11.20 – 12.00 Noon <b>(Department of Mathematics, Lecture Hall)</b>	
<b>Invited Talk – 1</b>	<b>Speaker:</b> Professor W. M. Shah (11. 20 – 11. 40) <b>(Rolle’s Theorem)</b>	Chairperson, Prof. M. H. Gulzar
<b>Invited Talk – 2</b>	<b>Speaker:</b> Dr. M. Abdullah Mir (11.40 – 12: 00) <b>(Predatory open access publishing and a note on Ankeny Rivlin theorem)</b>	
<b>Paper Presentations</b>	12.00 – 1.00 PM	
<b>Dr. Bilal A Chat</b>	A Havel-Hikimi type procedure for a graphic sequence to be potentially semi-graphic	Chairperson: Prof. N. A. Rather
<b>Dr. Aasma Rafiq</b>	Mathematical models for drug diffusion in human tissues	
<b>Dr. Kaisar Ahmad</b>	Classical and Bayesian estimation for Erlang distribution and its Applications	
<b>Dr. Bilal A. Bhat</b>	Statistical Models and their application in Forecasting Pilgrimage Tourists’ Arrival in Kashmir	
<b>Dr. Farooq Ah Sheikh</b>	Dirichlets averages of the extended Mittag-Leffler Function	
<b>Mr. Aijaz A Malla</b>	On the upper dimension of zero divisor of graphs	
<b>Dr. Mushtaq A Bhat</b>	On spectra and energy of digraphs	
<b>Mr. Faizan Danish</b>	Optimum stratification under Neyman allocation for two stratifying variables using Mathematical Programming Approach	
<b>Mr. Shahnawaz Ahmad Rather</b>	On Betti numbers of edge ideals of crown graphs	
<b>Dr. Nadeem Ah Dar</b>	Generalized Derivations in Rings with Involution	
<b>Dr. Hilal Ah Ganai</b>	Sum of signless Laplacian eigenvalues of a graph	
<b>Dr. Mohamad Saleem Lone</b>	Some characterizations of revolution surfaces in three dimensional pseudo-Galilean spaces $G_3^1$	
<b>Lunch Break</b>	1: 00 – 1: 40 PM	
<b>Technical Session-II</b>	1:40-2:20 PM	
<b>Invited Talk-3</b>	<b>Speaker:</b> Dr. B. A. Zargar (1:40-2:00 PM) <b>(Recent Developments in the History of Mathematics)</b>	Chairperson: Prof. W. M. Shah
<b>Invited Talk-4</b>	<b>Speaker:</b> Dr. M. A. Khanday (2:00-2.20 PM) <b>(Recent trends in Applied Mathematical Modeling)</b>	

<b>Paper presentations</b>	<b>2:20-5:30 PM</b>	
<b>Mr. Rayees Ahmad</b>	New type of generalized $\beta$ -difference sequence space	Chairperson: Prof. M. H. Gulzar
<b>Mr. Ashiq Hussain Bhat</b>	Characterization of New Generalized Fuzzy Information Measure and its Bounds	
<b>Mr. Mohmad Imran Bhat</b>	Properties of zero divisor graphs determined by annihilator ideals	
<b>Mr. Ahsan ul Haq</b>	Mathematical modeling on burn/cold injuries on the peripheral regions of human body	
<b>Dr. Uma Tul Samee</b>	Oriented graphs and football sequences	
<b>Mr. Manzoor Ah Wali</b>	On some generalizations of Brown's conjecture	
<b>Mr. Irfan Ahmed Faiq</b>	Location of zeros of polynomials	
<b>Dr. Mehraj Ahmad Lone</b>	Hemislant submanifolds of cosympetic manifolds	
<b>Mr. Saqib Mubarak</b>	Mathematical models on the transport of drug in tumors	
<b>Ms. Bisma Zahoor</b>	An iterative algorithm for solving a class of variational inclusions in Banach spaces	
<b>Ms Sumeera Shafi</b>	Perturbed Mann iterative scheme for a class of variational inclusions	
<b>Mr. Adil Rahid</b>	A new continuous lifetime distribution for parallel system: Model, properties and applications	
<b>Ms. Saima Manzoor</b>	Properties of new generalized useful Fuzzy information measure	
<b>Ms. Safina Peerzada</b>	Properties of new generalized fuzzy information measure	
<b>Mr. Bilal Ah Bhat</b>	Characterization of new generalized weighted (useful) residual entropy	
<b>Mr. Zahoor Ahmad</b>	A new four parameter discrete distribution with applications	
<b>Mr. Sofi Mudasir</b>	On weighted generalized inverse Weibull distribution	
<b>Mr. Aijaz Ahmad Wani</b>	On an integral inequality of M.A. Malik	
<b>Mr. Imtiaz Hussain Dar</b>	On some inequalities concerning rate of growth of polynomials	
<b>The tea will be served during presentations</b>		
<b>Dr. Shakeel Ahmed</b>	On some new type of generating functions of Generalized Poission-Charlier polynomials	
<b>Ms. Uzma Jan</b>	Baysian approach in estimation of scale parameter for the Laplace distribution	
<b>Ms. Kawsar Fatima</b>	A new generalized standard inverted exponential distribution with application to life time data	
<b>Ms. Saima Nazir Naqash</b>	Structural Properties of Exponentiated Generalized Inverse Rayleigh Distribution	
<b>Dr. Shahoor Khan</b>	Niloptent Values in Prime Rings with Generalized Derivations	
<b>Dr. Tanveer Ah Tarray</b>	A NIMBLE TWO – STAGE STRATIFIED RANDOMIZED RESPONSE STRATEGY	

<b>Ms. Lubna Wali</b>	A Remark on Cauchy's Classical Theorem for Polynomials	
<b>Mr. Sabzar Ah Mir</b>	Some robust ratio type estimation in simple random sampling using Huber M estimation in survey sampling	
<b>Mr. Altaf Hussain Haji</b>	A Study on the backwardness of the Jammu and Kashmir state using various Indicators	
<b>Mr. Tasaduq Hussain Khan</b>	Group Inverse of $2 \times 2$ Block Matrices Over Minkowski Space	
<b>Dr. Khursheed Ah Bhat</b>	Efficiency improvement in biological modeling by orthogonal regression	
<b>Dr. S. Maqbool</b>	A class of Modified Ratio Estimator using Co-efficient of Kurtosis and Tri-Mean	
<b>Dr. Imtiyaz Qayoom</b>	Statistical Models and Their Application in Predicting Fish Production of Jammu and Kashmir State	
<b>Ms. Asifa Ali</b>	Attitudes of Students towards Information Technology and Applied Mathematics in Kashmir Valley	
<b>Ms. Asifa Wali</b>	Morphometry and length-weight study on rainbow trout <i>Oncorhynchus mykiss</i> Walbaum, 1792 (Salmoniformes: Salmonidae) from Kashmir using Regression Analysis	
<b>Ms. Ishrat Mohamad</b>	Application of Statistical Techniques in comparing reproductive characteristics in farmed and wild females of Scale carp, <i>Cyprinus carpio</i> var <i>communis</i> during spawning season in Kashmir	
<b>Mr. Bilal Ahmad Para</b>	A New Generalization of Fisk distribution with Applications in Engineering and Medical Science	
<b>Dr. Namreen Rasool</b>	Mathematical modeling on conservation and production of animal species	
<b>Dr. Tariq Raja</b>	On Ratio type Estimators in Stratified Sampling	
<b>Dr. Suriya Jabeen</b>	Entropy analysis of size biased generalized gamma distribution	
<b>Dr. S.N.Z. Geelani</b>	A study on forests and traditional use of medicinal plants in Kashmir valley: A sample survey	
<b>Valedictory/ Certificate Distribution</b>	5:30-5.45 pm ( <b>Department of Mathematics, Seminar Hall</b> )	

Organizing Secretary  
**(Dr. Mukhtar Ah. Khanday)**