

## IPMC PROGRAMME

<b>Friday, 17 August 2018</b>		
<b>08:30</b>	<b>Registration</b>	
<b>09:30 – 11:00</b>	<b>Inauguration</b>	
<b>11:00 – 11:20</b>	<b>Refreshment</b>	
Session Chair: Prof. Dr. Ghulam Mustafa		
<b>11:30 – 12:10</b>	<b>Dr. Dinesh Panthi</b> On Some Fixed-Point Results in Dislocated Metric Space	
<b>12:20 – 13:00</b>	<b>Prof. Dr. Sarwar Jahan Abbasi</b> Solution of an open problem posed by Abbasi on the study of ideals in matrix near rings	
<b>13:00 – 14:30</b>	<b>Lunch and Prayers</b>	
	Session Chair: Prof. Dr. S. Jahan Abbasi	Session Chair: Dr. Zafar Ullah
<b>14:30 – 14:50</b>	<b>Dr. Muhammad Rafiq</b> Numerical Analysis for Role of Media and Treatment on an Infectious Disease Dynamics	<b>Dr. Nageeb ur Rehman</b> Quandles and their Permutation Signature
<b>15:00 – 15:20</b>	<b>Dr. Farkhanda Afzal</b> Triangular Decompositions of differential polynomial sets	<b>Dr. Mohsan Raza</b> Differential subordination for analytic functions
<b>15:30 – 15:50</b>	<b>Dr. Sardar Muhammad Hussain</b> A Matrix solver approach for polygonal inhomogeneities using line-doublers	<b>Dr. Muhammad Riaz</b> Generalized m-polar Fuzzy Set with Applications
	Session Chair: Dr. Muhammad Riaz	Session Chair: Dr. Muhammad Sadiq Hashmi
<b>16:00 – 16:20</b>	<b>Dr. Zafar Ullah</b> TT-Derivations in lattice	<b>Dr. Muhammad Umer Shuaib</b> On Some Characterizations of o-fuzzy subgroups
<b>16:30 – 16:50</b>	<b>Ms Anum Abbas</b> On The (De)Homogenization of Sagbi Bases for Free Associative Algebras	<b>Mr. Asad Ghafur</b> A discussion on rational learning Have we formed a world view
<b>17:00 – 17:20</b>	<b>Miss Laila Latif Gill</b> Sum Algebraic characteristics of t-intuitionistic fuzzy subgroup	<b>Mr. Muhammad Asghar Ali</b> Numerical Analysis of Tuberculosis Transmission with Recurrent Infection, Vaccination and Time Delay
<b>17:40</b>	<b>City Sight Seeing</b>	
Activities coloured blue will take place in <b>Hall A</b>		
Activities coloured red will take place in <b>Hall B</b>		

## Saturday, 18 August 2018

Session Chair: Dr. Naqeeb ur Rehman

<b>09:00 - 09:40</b>	<b>Prof. Dr. Qaiser Mushtaq</b>	
<b>09:50 - 10:30</b>	<b>Prof. Dr. Muhammad Ayub Khan Yousuf Zai</b>	
	Session Chair: Dr. Muhammad Sadiq Hashmi	Session Chair: Dr. Farkhanda Afzal
<b>10:50 - 11:10</b>	<b>Dr. Ghulam Abbas</b> Gravitational Collapse in Einstein-Gauss-Bonnet Gravity	<b>Dr. Abdul Ghaffar</b> The family of 2n-point binary non-stationary subdivision schemes
<b>11:20 - 11:40</b>	<b>Dr. Mehwish Bari</b> fractal generation by 7-point approximating subdivision scheme	<b>Dr. Pakeeza Ashraf</b> Positivity and monotonicity preservation of subdivision scheme.
<b>11:50 -12:10</b>	<b>Dr. Muhammad Sadiq Hashmi</b> Numerical treatment of Hunter Saxton equation using cubic trigonometric B-spline collocation method	<b>Dr. Amir khan</b> Stochastic SIQS epidemic model
<b>12:20 –12:40</b>	<b>Dr. Salma Shaheen</b> Injectivity in the Category of GHS-acts	<b>Dr. Muhammad Awais Yousaf</b> Alternating Quotients of a Bianchi Group
<b>12:50 -14:00</b>	<b>Lunch and Prayer</b>	
	Session Chair: Dr. Abdul Ghaffar	Session Chair: Dr. Mehwish Bari
<b>14:10 - 14:30</b>	<b>Dr. Abdul Raheem</b> Antimagic labeling of the union of trees	<b>Dr. Azhar Hussain</b> Fixed point results via simulation function with applications
<b>14:40 -15:00</b>	<b>Dr. Asghar Ali</b> Mathematical Modeling of earthquake causality and damage cost	<b>Dr. Nargis khan</b> Thermophoresis particle deposition and internal heat generation on MHD flow
<b>15:10 - 15:30</b>	<b>Dr. Rashida Hussain</b> Bitcoin and Mathematics	<b>Dr. Muhammad Adil Khan</b> Majorization Theorems for Strongly Convex Functions
<b>15:40 - 16:00</b>	<b>Nadia Khan</b> An ideal theoretic proof of power of power integral basis	<b>Mr. Muhammad Adeel</b> Finite Topological Spaces
<b>16:10 – 16:30</b>	<b>Mr. Muhammad Asghar</b> Family of $\alpha$ -ary univariate subdivision schemes generated by Laurent polynomial	<b>Ms Nazia Jabeen</b> Analogues of Groebner Bases In A Polynomial Ring With Countably Infinite Indeterminates
<b>16:50</b>	<b>City Sight Seeing &amp; Conference Dinner</b>	

Activities coloured blue will take place in **Hall A**

Activities coloured red will take place in **Hall B**

## Sunday, 19 August 2018

Session Chair: Dr. Muhammad Ayub Khan Yousuf Zai

<b>09:00 - 09:40</b>	<b>Prof. Dr. Toru Nakahara</b>	
<b>09:50 - 10:30</b>	<b>Prof. Dr. Ghulam Mustafa</b>	
	Session Chair: Dr. Muhammad Awais Yousaf	Session Chair: Dr. Azhar Hussain
<b>10:50 - 11:10</b>	<b>Dr. Amna Kalsoom</b> Some Fixed-Point Results	<b>Dr. Muhammad Arshad</b> Error estimates of mixed multiscale approach for second order nonlinear problems
<b>11:20 - 11:40</b>	<b>Mr. Zain Ul Abadin Zafar</b> A non-integer order dengue internal transmission model	<b>Dr. Abdul Razaq</b> The number of circuits of length 4 in $PSL(2, \mathbb{Z})$ -space
<b>11:50 - 12:10</b>	<b>Dr. Syeda Tehmina Ejaz</b> Subdivision Based Algorithm for the Numerical Solution of nonlinear SPBVP's	<b>Dr. Anum Shafiq</b> Statistical study of non-Newtonian liquid over a vertical exponentially stretched plate
<b>12:20 - 12:50</b>	<b>Dr. Gauhar Rahman</b> Further Extension of Fractional Derivative Operator Of Riemann-Liouville	<b>Dr. Shakoor Muhammad</b> Strict Infeasibility and Pareto Optimality
<b>13:00 - 14:15</b>	<b>Lunch and Prayer</b>	
	Session Chair: Dr. Syeda Tehmina Ejaz	Session Chair: Dr. Amna Kalsoom
<b>14:20 - 14:40</b>	<b>Mrs. Maryam Nazir</b> Best estimates for the norm of pre-schwarzian derivative of bi-univalent functions	<b>Mr. Nasir Mehmood</b> New Bounds for Shannon, Relative and Mandelbrot Entropies
<b>14:50 - 15:10</b>	<b>Mrs. Saadia Mehwish</b> TBA	<b>Mr. Muhammad Ameer</b> On the Commuting Graph of Dihedral group
<b>15:20 - 15:50</b>	<b>Mr. Mudasar Zafar</b> On Generalized semi compact and semi connected topological groups	<b>Mrs. Rehana Tabassum</b> Generalized Fuzzy Fixed-Point Results and Applications
<b>16:00 - 16:20</b>	<b>Mr. Sadiq Merchant</b> Active Use of Calculators	<b>Mr. Nauman Ahmed</b> Novel Operator Splitting Techniques for SIR Epidemic Model with Diffusion
<b>16:30</b>	<b>Concluding Session</b>	
Activities coloured blue will take place in <b>Hall A</b>		
Activities coloured red will take place in <b>Hall B</b>		