Complete Ph.D. Projects:

S.No	Name	Supervisors	Co-Supervisors	Status
1	Mr. Kashif Ali Abro	Dr. Mirza Mahmood Baig	Dr. Mukarrum Hussain	Completed
2	Ms. Ubaida Fatima	Dr. Saman Hina		Completed
3	Ms. Hira Ashfaq Lodhi	Dr. Haider Hasan	Dr. Mirza Mahmood Baig	Completed

Ongoing Ph.D. Projects:

S.No	Name	Supervisors	Co-Supervisors	Status
1	Ms. Nosheen	Dr. Mushtaq Hussain		Research work in progress
2	S. Tauqeer Ahmed Hashmi	Dr. Fahim Raees	Dr. Mirza Mahmood Baig	Research work in progress
3	Mr. Umar Siddiqui	Dr. Fahim Raees		Course work Completed
4	Ms. Humaira	Dr. Fahim Raees		Course work Completed
5	M. Furqan	Dr. Fahim Raees		Course work Completed
6	M. Samad Khan	Dr. Mubashir Siddiqui		Course work Completed
7	M. Yasir Khan	Dr. Jameel		Course work Completed

Ongoing MS Projects:

Spring Semester 2018

S.No	Name Of Students	Independent Study Project (ISP) Title	Supervisors
1	Ms. Umm e Ammarah	To study shortest path algorithm use in Facebook for directed graph	Prof. Dr. Mirza Mahmood Baig Chairperson, Department of Mathematics
2	Ms. Sidra Raees	Application of Min-Sum Algebra technique in linked social network	Prof. Dr. Mirza Mahmood Baig Chairperson, Department of Mathematics
3	Ms. Shinza Jabeen	Application of shortest path Algorithm in social network	Prof. Dr. Mirza Mahmood Baig Chairperson, Department of Mathematics
4	Ms. Onaiza Ali	Creation of optimal path using shimbel's method in google page rank	Prof. Dr. Mirza Mahmood Baig Chairperson, Department of Mathematics
5	Ms. Uroosa Baig	Study on fuzzy reasoning application for sensory evaluation of meat	Dr. Fareed Ahmed Assistant Professor, Department of Mathematics

6	Ms. Gohar Jamal	Application of FAMA-French three fuzzy factor model on local industry of Pakistan	Dr. Fareed Ahmed Assistant Professor, Department of Mathematics
7	Ms. Shabnam Mushtaq	Numerical Stability Analysis of the Finite Element Method	Dr. Fahim Raees Assistant Professor, Department of Mathematics
8	Ms. Ammarah Ashraf Choudary	Electroencephalograph (EEG) Interpretation by Automation	Dr. Kamran Zakaria Assistant Professor, Department of Mathematics
9	Ms. Naureen Nazimuddin	Location for the Position for Dam Design on River Indus	Dr. Kamran Zakaria Assistant Professor, Department of Mathematics
10	Mr. Iftikhar Ahmed	Simulation of Liquid Fuel Combustion Start-up Dynamical Behaviour	Dr. Mukkarum Hussain Manager, Design and Development Directorate (SUPARCO)
11	Mr. Muhammad Furqan	Simulation of Liquid Fuel Combustion Chamber Wall Cooling Mechanism	Dr. Mukkarum Hussain Manager, Design and Development Directorate (SUPARCO)

Fall Semester 2018

S.No	Name Of Students	Independent Study Project (ISP) Title	Supervisors	Co-Supervisors
1	Mr. Ayaz Ali	Default Correlation by Copula	Prof. Dr. Mirza Mahmood Baig Chairperson, Department of Mathematics	Mr. Mario R. Melchiori Dy. General Manager of Finance Banco BICA SA-Argentina
2	M. Sayem Hanif	Weighted Ostrowski Type Integral Inequality for Twice Differentiable Mappings	Prof. Dr. Mirza Mahmood Baig Chairperson, Department of Mathematics	Dr. Asif Raza Khan Assistant Professor University of Karachi
3	S. Hashmat Hikmat	Mathematical Model to Control the Concentration of OH in Precursor Solution to Maintain Low Supersaturation Level During the Growth of Nanowires by using low temperature hydrothermal method	Dr. Mushtaque Hussain Assistant Professor, Department of Mathematics	
4	Mr. Abdul Haleem	Fractionalized MHD Jeffrey Fluids Over an Accelerating and Oscillating Porous Plane	Dr. Muhammad Jamil Assistant Professor, Department of Mathematics	
5	Mr. Arsalan Ahmed	Travelling Wave Solutions of Some Nonlinear PDEs.	Dr. Muhammad Jamil Assistant Professor, Department of Mathematics	
6	Mr. Israr Ahmed	Effects of Second Order Slip on the flows of Fractionalized Maxwell and Oldroyd-B Fluids	Dr. Muhammad Jamil Assistant Professor, Department of Mathematics	
7	Ms. Rabia Nisar	Use of Fuzzy Likert Scale to Assess Competencies in Project Based Learning	Dr. Fareed Ahmed Assistant Professor, Department of Mathematics	Prof. Dr. Mirza Mahmood Baig Chairperson, Department of Mathematics

8	Mr. Daniyal Ahmed	Finite Element Simulation of Impact on PASGT Army Helmet	Dr. Fahim Raees Assistant Professor, Department of Mathematics	
9	Ms. Aneesa	Exploring the effect of climatic variable monthly precipitation variation using a continuous wavelet based multiscale entropy approach	Dr. Kamran Zakaria Assistant Professor, Department of Mathematics	Prof. Dr. Muhammad Shafqat Ejaz Professor, Department of Civil Engineering
10	Ms. Kanwal Abid	Development of intensity duration frequency curve for diamer basha dam catchment using satellite rainfall data and probability distribution	Dr. Kamran Zakaria Assistant Professor, Department of Mathematics	Prof. Dr. Muhammad Shafqat Ejaz Professor, Department of Civil Engineering
11	Ms. Saima	Identification of precipitation zones within indus river basin (Pakistan)by global wavelet power spectra	Dr. Kamran Zakaria Assistant Professor, Department of Mathematics	Prof. Dr. Muhammad Shafqat Ejaz Professor, Department of Civil Engineering
12	Ms. Naila Naz	To find smart strategy to optimize the coefficient collection for the Runge-Kutta method	Dr. Fahim Raees Assistant Professor, Department of Mathematics	
13	Mr.Tahir Abbas	Comparative Techniques for Numerical Integration	Dr. Fahim Raees Assistant Professor, Department of Mathematics	