

SYED BABAR ALI SCHOOL OF SCIENCE AND ENGINEERING

LIST OF GRADUATING PHD STUDENTS IN 2020

Sr #	Names of PhD Graduating Students	Title of Thesis	Dept.	Supervisor	No. of Years Completed	No. of Journal Publications	No. of Conference publications	Cumulative impact factor of journal publications	Major source of grant money	Defense Date
1	Burhan Ul Haq	Classification of first integrals and closed form solutions for dynamical systems of differential equations	Department of Mathematics	Dr. Imran Neem	4.75	3	Nil	7.5	External Grant and Dean's Office Budget	15 June 2020
2	Sharon Riaz	Synthesis and Evaluation of Novel Chalcone Derivatives	Department of Chemistry & Chemical Engineering	Dr. Rahman Shahzaib	4.75	1	Nil	4	FIF and External Grants	24 June 2020
3	Akhtar Munir	Development of Nanocatalysts for Water Splitting - A Sustainable Source of Energy	Department of Chemistry & Chemical Engineering	Dr. Irshad Hussain	3.75	9	Nil	26.2	External Grants (HEC)	18 June 2020
4	Munazza Shahid	Engineering of HIV-1 and HCV Entry Inhibitor Lectins and Understanding the Atomic Level Details of HIV Cellular Entry Process	Department of Chemistry & Chemical Engineering	Dr. Shahzad ul Hussain	5.75	2	Nil	3.1	FIF	20 June 2020
5	M. Haider Farooq Khan	Kinome-wide RNAi screen uncovers the role of Drosophila Ballchen in maintenance of epigenetic cell memory	Department of Biology	Dr. Muhammad Tariq	5.75	1	Nil	5.3	External Grants (HEC)	19 June 2020
6	Jawad Akhtar	Genetic and Molecular Analysis uncovers a novel role for Drosophila Enok in Maintenance of Epigenetic Cell Memory	Department of Biology	Dr. Muhammad Tariq	5.75	1	Nil	5.3	External Grants (HEC); later served as a Teaching Fellow	27 June 2020
7	Rahim Ullah	Deciphering the Molecular Basis of Trophoblast Stem Cell Differentiation and Function	Department of Biology	Dr. Amir Faisal	4.75	6	Nil	17.759 (1 article with IF 5.1 under review)	FIF	26 June 2020
8	Asma Ahsan	Characterization of epitope and Fcγ receptor specificity of HCV and HBV neutralizing antibodies, and retrospective analysis of HCV infections in general population	Department of Biology	Dr. Shahzad Ul Hussain	5.75	1	Nil	2.77	Served as a Teaching Fellow	22 June 2020
9	Faran Awais Butt	Next Generation Phased-MIMO Radar: From Theory to Practice	Department of Electrical Engineering	Dr. Ijaz Haider Naqvi	4.16	1	3	3.5	External and HEC	3 October 2019
10	Aqsa Naeem	Mitigation of renewable energy source intermittency in microgrid using complementary renewable energy source	Department of Electrical Engineering	Dr. Naveed ul Hassan	4	2	3	6.8	FIF	30 August 2019
11	Muhammad Kamran	Applications of coupled-wave approach for 1D gratings illuminated from planar interface	Department of Electrical Engineering	Dr. Muhammad Faryad	4.75	5	Nil	16	HEC grant	29 June 2020
12	Numan Khurshid	Image Retrieval using Cross-view Matching for Remote Sensing Imagery	Department of Electrical Engineering	Dr. Murtaza Taj	4.75	1	4	5.6	FIF	12 June 2020
13	Wajeeda Nafees	Development of Novel Techniques for Signal Acquisition and Representation on Spherical Manifolds	Department of Electrical Engineering	Dr. Zubair Khalid	4.5	1	4	5.2	HEC grant	22 June 2020
14	Affan Rauf	Incremental Techniques in Automated Test Case Generation	Department of Computer Science	Dr. Junaid Haroon	5.25	1	1		SRG/HEC	5 December 2019
15	Maryam Abdul Ghafoor	Automated Testing of Database Driven Applications	Department of Computer Science	Dr. Junaid Haroon	4.25	1	2		SRG/HEC grant	6 December 2019
16	Saad Ahmed	Fast and Energy-efficient Intermittent Computing	Department of Computer Science	Dr. Hamad Alizai	3.75	2	6	2.7	SRG/HEC and FIF	14 May 2020
17	Haroon Shakeel	Deep Learning Methods for Short, Informal, and Multilingual Text Analytics	Department of Computer Science	Dr. Asim Karim	4.75	3	4	10.8	HEC Scholarship and FIF	26 June 2020
18	Ali Akbar	Some explorations in magneto-optics and optics-magnetics	Department of Physics	Dr. Sabieh Anwar	6.75	6	0	24.2	External Grants (HEC)	29 June 2020

Avg. PhD Completion Time 4.89