

DUHS Vice Chancellor Seed Fund Initiative (VCSFI) 2021.

S #	Name	Level of Faculty Appointment	Title of Research Proposal	Amount Approved (Rs.)
1	SAJIDA QURESHI	PROFESSOR	Investigating Genetic Variants in Esophageal Carcinoma using Massively Parallel (Next-Generation) Sequencing Methods	1,500,000
2	NAZIA AHMED	ASSISTANT PROFESSOR	Neural Regeneration: Transplantation of Wnt, Notch and FGF-9 Activated Human Neural Progenitor Cells in Animal Model of Neurodegenerative disorder	500,000
3	NADIA NAEEM	ASSISTANT PROFESSOR	Modulation and Transplantation of Umbilical Cord Derived Mesenchymal Stem Cells in animal model of Alzheimer's disease: A Preclinical Study	1,000,000
4	SHEEBA NAZ	ASSISTANT PROFESSOR	IN-VITRO PROPAGATION AND ENHANCED CANNABINOIDS PRODUCTION OF CANNABIS SATIVA L. (INDUSTRIAL HEMP)	1,000,000
5	RIFFAT YASMIN	ASSISTANT PROFESSOR	Development and characterization of a Transdermal Patch containing FDA approved NSAID for the treatment of Arthritis	421,000
6	WAJHIA IFFAT	ASSISTANT PROFESSOR	FORMULATION DEVELOPMENT OF IONTOPHORESIS BASED TRANSDERMAL DELIVERY SYSTEM OF ANTI MIGRAINE DRUG	707,000
7	RUQAIYA SHAHID	ASSISTANT PROFESSOR	Identification of histopathological and molecular subtypes of Preeclampsia	1,500,000
8	MAHERA MOIN	ASSISTANT PROFESSOR	Isolation, Purification and Characterization of Bioactive and Anti-cancerous Small Molecules from Oxalis corniculata	980,000
9	ANUM GUL	ASSISTANT PROFESSOR	Osteoinductive potential of selenium nanoparticles via regulation of oxidative stress in human umbilical cord derived-mesenchymal stem cells: A promising therapeutic approach in bone disorders	1,000,000
10	OMEEMA SALEEM	ASSISTANT PROFESSOR	Expression of PD-1 and PDL-1, the immune check point in Triple Negative Breast Cancer – Exploring new avenues to treat the untreatable.	660,000
11	SHUMAILA AMAN	ASSISTANT PROFESSOR	Effective use of platelet function test and platelet aggregation to assist with the diagnosis, management and monitoring of hemostasis and, drug discovery for research purpose.	1,425,200
12	AMBREN REHMAN	ASSISTANT PROFESSOR	A rapid, objective and quantitative molecular test for early HNSCC diagnosis.	1,046,400

Students

13	SAHAR IQBAL	PHD	Association of SARS CoV-2 and its variants with the disease outcome and laboratory parameters among hospitalized patients	250,000
14	NAREEN ALTAF	M.Phil	Subgenomic Mutation Analysis of Receptor Binding Domain of SARS-CoV-2 Spike Protein	250,000
15	SYEDA HIBA JAFFAR	M.Phil	Investigation of anti-inflammatory potential of isolated phenolic compound(s) from Melia azedarach (L). flower via NF-κB and MAPK/p38 signaling pathway	250,000
16	FAIZA LAKHDHIR	M.Phil	Design, synthesis, and characterization of novel celecoxib derivatives and their anticancer and anti-inflammatory potential, and molecular docking	250,000
17	ANUSHA AMANULLAH	M.Phil	Error Rate and Coefficients Quantification of Neurological Defects due to Consanguineous Mating using Drosophila melanogaster model	250,000
18	ANIQA BATOOL	M.Phil	Investigating Gene expression based drug screening on Alzheimer's disease patients-specific neuronal cells derived from iPSCs	250,000
19	HADIQA ARSHAD	M.Phil	Development of Drosophila melanogaster-based Assay System for Screening of Carcinogenic Compounds	250,000
20	SHAFEA SAAD	M.Phil	Modulation of Apoptotic and AKT/P13K/mTOR signaling pathways in Glioblastoma Cells Using Small Molecules	250,000
21	SAYEDA SADIA ZAFAR	MDS	Association of ABCB5 (Chemo resistance marker) and Cancer Stem Cells markers (OCT4, SOX2) in the of Oral Squamous Cell Carcinoma using Immunohistochemistry (IHC)	250,000
22	ALIYA HAIDER	MPH	Effect of oral hygiene and nutrition education (using telehealth) on nutrition and oral health literacy of the caregivers of the children with Autism in Karachi, Pakistan.	250,000