

**PROJECTS APPROVED UNDER NRPU PROGRAM 2016-19:**

<b>S.No</b>	<b>Name of PI</b>	<b>Project Title</b>	<b>Amount (Rs. Millions)</b>	<b>Year</b>
1	Dr. khushi Muhammad	Identification and screening of DNA barcodes of plants species endemic to western Himalayas of Pakistan. (2016)	3.289	
2	Dr. Mohsin Nawaz	Synthesis of magnesium, Nickel, and magnesium-Nikel core-shell nanoparticles by water-in oil Micro emulsion for reversible hydrogen storage	10.27	
3	Dr. Obaid ur rehman Abid	synthesis of some complex, highly functionalized derivatives of aryl pyridines/pyrimidines as biologically potent molecules and reagents for different reactions by simple dials alder approach	3.18	
4	Dr.Fazal Rahim	targeting alpha-glucosidase: a coherent approach for discovering new anti-diabeticagents (sugar free alpha-glucosidase inhibitors) based on medicinally important heterocyclic scaffold.	5.51	
5	Dr.Fazal Rahim	Synthesis and synthetic transformation of thiazolobenzimidazoles derivate in search of potent dead.	3.74	
6	Dr. FarmanAli	fabrication of sulfonated polyimide clay based nanocomposite as fuel cell membrane material for energy application.	4.21	
7	Dr. Bin Amin	Materials designing with high figure of merit and efficient transfer of charge for renewable energy and optoelectronics applications	3.23	

8	Dr.Muhammad Sajjid	characterization of anti-nematode potential of synthetic compounds and medicinal plants	8.16	
9	Dr. Farhana	treatment of iron mine tailing with iron oxidizing bacteria and sesbania sesdan plant in lab and field scale (2016)	2.92	
10	Prof. Dr. Habib Ahmad	Commercialization of high quality rapeseed variety Hasnain 2013 for enhancing oilseed productivity.(2016)	16.862	
11	Sadia Tabassum	Genetic Association of poly cystic ovarian syndrome and mitochondrial encoded transfer rna muntations in Khyber Pakhtunkhwa, Pakistan	Rs.3087796	2018
12	Dr. Muhammad Fiaz Khan	Effects of Pesticides on Histopathological, Haematological, BioChemical Parameters and Genotoxic Responses in Common Fishes of Khyber Pakhtunkhwa.	Rs.7480945/-	2019
13	Muhamad Faisal Siddiqui	Combating Biofouling in the Reverse Osmosis Membrane via Rhamnolipids.	Rs.2807862/-	2019
14	Dr. Isfahan Touseef	Construction of 3D Cell Culture Bio-model Using Bacterial Cellulose and Bacterial Fermented Fish Waste Product and its Application.	Rs.3564213/-	2019
15	Dr. Sadia Qayyum	Bio detoxification of Industrial dye effluents: Green and Sustainable technology using indigenous resistant fungal isolates.	Rs.3085954/-	2019
16	Dr. Syed Kashif Haleem	Age-related variations in the activation of complement system against pseudomonas aeruginosa.	Rs.5204056/-	2019
17	Dr. Ali Bahader	Synthesis of Stimuli Responsive Material for Water Cleaning Application.	Rs.4060334/-	2019

18	Basit Niaz	Preparation and Pharmacological Screening of Novel Phosphinioxides and Phosphonatic Organic-Metallic Moieties.	Rs.2317960/-	2019
19	Dr. Shakir Ullah	Archaeological Exploration of the Un-Explored District (Tor Ghar, Battagram, Kohistan) of Hazara Division, Khyber Pakhtunkhwa.	Rs.5027559/-	2019
20	Dr. Shakir Ullah	Archaeological Excavation at District Mansehra: Zar Dheri Buddhist Complex, Gandhia Buddhist Stupa and Guli Bagh muslim Period Site.	Rs.5127897/-	2019

**PROJECT OTHER THAN HEC FUNDING IN 2016-19:**

S.No	Name of PI	Project Title	Amount (Rs. Millions)	Funding Agency
1	Dr. Alia Gul	Bioguided Phytochemical Screening and Natural Assessment of Selected Ferns from District Mansehra.	1.68	International Foundation for Science. (2018)

**START-UP RESEARCH GRANTS PROGRAM APPROVED IN 2016 & 2019:**

S.No	Name of PI	Project Title	Amount (PKR)	Year
1	Dr. Nosheen Bibi	Identification of Cancer linked Plk1 alterations and their structural consequences	477000/-	2016
2	Dr. Tasawar Sultana	Exploring the role of OsRGLP1 in conferring tolerance to gray mold diseases by heterologous expression in Medicago turncatula plants.	495000/-	2017
3	Dr. Anwar Khan	Complete Genome Sequence of potato vime of Pakistan isolate	492536/-	2016-17
4	Dr. Muhammad Khan	Assessment of risk factors and genetic investigation of eye cataract in the population of Hazara Division.	499600/-	2016-17
5	Ishtiaq Hassan	Risk facor and genetic analysis of Pakistan disease in population of Khyber Pakhtunkhwa.	384000/-	2016
6	Muhammad Jameel	Investigation of molecular pathology of most prevalent inborn errors of metabolism in Pakistani families.	492900/-	2017
7	Dr.Tamour ul hasan	Characterization and screening of heavy metal bacteria from Hattar Industrial area Khyber Pakhtunkhwa.	48000/-	2017
8	Syed Hasnain Shah	Collection, Identification And Screening Of Algal Species For Biomass Production And Biofuels Sources From Natural Habitats Of Hazara Region In Pakistan	440000/-	2019
9	Zain Ul Abidin Jaffri	“Designing A Novel Energy Efficient Routing Protocol For Wireless Sensor Network”	326000/-	2019

**THEMATIC RESEARCH GRANTS PROGRAM APPROVED IN 2016 & 2018:**

S.No	Name of PI	Project Title	Amount (Rs. Millions)	Year
1	Dr. Abdul Majid	Fixing the social fault line to secure harmony and mutual co-existence in society: an ethnographic study identifying decent work opportunities for transgender community in Khyber Pakhtunkhwa.	1.83	2017-18
2	Dr. Bilal Afsar	Understanding importance of core soft skills for University graduates in Pakistan.	3.608272	2017-18
3	Dr. Muhammad Yasir	Integrating humanitarian economic and social components into start-up of social enterprises.	2.4	2016-17
4	Dr. Farhana Kazmi	Assessments and management of Psycho-physical problems of trauma survivors.	2.5	2016-17
5	Dr. Shakir Ullah	Scientific analysis and study of early Muslim period glazes ceramics at Hazara university, museum.	4.0	2016