

List of Completed Projects (Last Five Years) Under Research Support Programme

S. #	Project No. and Title
1.	PSF/Res/S-KU/Bio(454) Study of Cysts of Dinoflagellates, Causing Harmful Algal Bloom (Red Tide) in Sediments of Coastal Areas of Pakistan, North Arabian Sea
2.	PSF/Res/P-UVAS/Bio (416) Estimation of Aflatoxins in Milk and its Control Measures
3.	PSF/Res/P-FCC/Bio (434) Influence of Family History of Type 2 Diabetes Mellitus (T2DM) on Pituitary Gonadal Axis in Adolescent and Young Males
4.	PSF/ Res/Biotech/S-KU/Med (80) Production of Monoclonal Antibodies for Rapid Diagnosis of Hepatitis-C
5.	PSF/Res/S-ICCBS/Chem (516) Identification of Small Molecular Agonists against G-Protein Coupled Receptors (GPCRs): Opportunities for Cancer Prevention and Treatment
6.	PSF/Res/KPK-KUST/Med (283) Identification of Risk Factors for Hepatitis C Virus Infection and HCV Genotyping in Hemophiliac Patients of KPK
7.	PSF/Res/B-BACD/Agr (379) Population Dynamics and Life Table of Dubas Bug (<i>Ommatissus Lybicus</i>) on Date Palm In District Punjgur Balochistan
8.	PSF/Res/P-UVAS/Bio (544) The Development and Evaluation of Thermostable Vaccine against Peste des Petits Ruminants
9.	PSF/Res/B-BUITMS/Bio (388) Studies on the Regeneration of Juniper (<i>Juniperus excels Bieb</i>) in Balochistan.
10.	PSF/Res/KPK-MU/Chem (461) The Efficient and Facile Synthesis of Asymmetric Aldol Adducts Catalyzed by Bifunctional DiamineOrgano-catalysts
11.	PSF/Res/S-SU/Chem (465) Metal Ion Imprinted Polymers (MIIPs): Novel Material for Pre-Concentration and Separation of Total Arsenic in Aqueous Systems
12.	PSF/Res/S-PCSIR/Chem (478) Synthesis of Heterocyclic Organic Compounds for Drug Development
13.	PSF/Res/P-CUI/Chem (570) Development of Mechanically Reinforced Silica Based Bioactive Glass (SiO ₂ CaO-P ₂ O ₅) Polymer Composites for Potential Application in Osteochondral Defect Site
14.	PSF/Res/P-GCU/Chem (436) Synthesis, Characterization and Biological Evaluation of Bimetallic Sn (IV) and Pd (II) Complexes with Ligands having O-and S-Donor Sites
15.	PSF/Res/P-NUST/Comp (38) Indigenous Development of Multi-Biometric Authentication system
16.	PSF/Res/P-PU/Earth (82) Sedimentological Studies of the Lower Eocene Sakesar Limestone Salt Rnage, Pakistan

17.	PSF/Res/C-NUST/Engg (136) Plasmons Effects in Nano-Structures of Inorganic Polycrystalline Materials (ZnS, CdTe, CdS) by Embedding Different Metallic NanoParticles (Ag, Au,Cu) for Improving Photovoltaic Efficiency in Photovoltaic Industry
18.	PSF/Res/P-CUI/Engg (159) Evaluating the performance and Power Effectiveness of Asynchronous Processors Customized for many Core Systems
19.	PSF/Res/C-NORI/Med (497) Prediction of Gastric Cancer in <i>Helicobacter pylori</i> Infected Gastric Mucosa
20.	PSF/Res/P-CUI/Med (477) Label Free, non Invasive Biomimetic Sensor for Detecting Oral Cancer
21.	PSF/Res/C-CUI/Med (297) Next Generation Granular Biomedical Ceramics for Rapid Bone Defect Repair
22.	PSF/Res/C-NILOP/Phys (183) Development of Fluoresensor for In vivo characterization of Skin Tumors
23.	PSF/Res/P-AU/Agr (467) Bio Management of Alligator weed through its Utilization as Compost and Organic Mulch
24.	PSF/Res/P-AU/Bio (352) Molecular Epidemiology and Immunohistochemistry of Enteropathogenic Escherichia coli (EPEC) in Bovine and Human Neonates
25.	PSF/Res/C-PMNH/Bio (268) Studies on Algae of Major Rivers of Punjab with Special Emphasis on its Consumption by Economically Important Fishes
26.	PSF/Res/KPK-IBMS/Med (487) Status of Iron balance and Thalassaemia trait in District Peshawar, Khyber Pakhtunkhwa
27.	PSF/Res/S-ICCBS/Med (431) A Data Base Development of the Unique Metabolic Pathways of the Infectious Pathogens
28.	PSF/Res/S-AKU/Med (479) Understanding the Association of SIRT1 Genetic Variants with Microenvironment of the Oocyte in Infertile Female
29.	PSF/Res/B-ARI/Agr (492) Screening of Indeterminate Tomatoes hybrids/varieties under the High Tunnels in Balochistan
30.	PSF/Res/C-NESCOM/Agr (497) Wild Olive (<i>Olea Cuspedata</i>) utilization as Root Stock for Oil Plants through Different Topworking Techniques
31.	PSF/Res/KPK-PU/Bio(661) Molecular Characterization of <i>Clostridium perfringens</i> and development of Toxide Vaccine
32.	PSF/Res/P-MNS-UET/Chem (587) Titanium Dioxide Based Self-Cleaning Textiles:Comparative study of Degradation of Different Dyes using Visible-light active Self-Cleaning Cotton, Wool and Polyester
33.	PSF/Res/S-ICCBS/Chem (596) Structural and Function Study of Metabolites of Fluorinated Drugs Produced by Fungal Transformation of Fluorinated Steroids

34.	PSF/Res/S-MUET/Engg(155) Dyeing of Synthetic Polyester Fabric with Natural Dye using Radcure Techniques
35.	PSF/Res/C-SEECs-NUST/Engg (164) iDOC: A Portable, Cost Effective Diagnostic Screening Device for Early Dengue Fever Detection
36.	PSF/Res/KPK-GIKI/Engg(170) Development of Natural Fiber (wool/cane fiber) Reinforced Polymer Matrix Composites
37.	PSF/Res/P-CUI/Engg (124) Synthesis of Chemically Modified Polymeric Membranes for Biogas Purification and Natural Gas Sweetening
38.	PSF/Res/B-BUITEMS/Comp (61) Extended Classroom Learning via Online Social Networking Male-Female Learning Comparative Impact
39.	PSF/Res/P-LUMS/ Phys (159) Development of Low Field, Low Cost,Reconfigurable NMR and MRI
40.	PSF/Res/P-IUB/Phys (189) Synthesis and Characterization of Nano-ferrites for Thermoelectric Power Generation
41.	PSF/Res/P-FCC/Phys (202) Quasilinear Theory of Electromagnetic Instabilities with Non-Maxwellian Distribution Functions
42.	PSF/Res/P-GCUF/Phys (203) Fabrication of Metal Semiconductor Diodes by Home Developed Thermal Evaporation System
43.	PSF/Res/KPK-IBMS/Med (493) The Role of Circulating Tumor DNA in Monitoring Treatment Response in Patients with Breast Cancer
44.	PSF/Res/CP/S-AKU/Med (488) Analysis of Population-Specific Epitope and Drug-resistance Mutations in HIV-1 in Pakistan
45.	PSF/Res/P-UHS/Med (492) Biochemical and Molecular Analysis of Oculocutaneous Albinism in Families from Pakistan
46.	PSF/Res/P-IUB/Med (481) Development of Optimized Dry Injectable Product of Docetaxel via Freeze Drying Method to Enhance the Solubility and Stability
47.	PSF/Res/C-PIMS/Med(450) Identification of Molecular Determinants of Hereditary Deafness
48.	PSF/Res/P-NUST/Med (453) EMG Powered Active Ankle Lower Limb Prosthetic Foot
49.	PSF/Res//P-GCU/Med (485) Bioassay Guided Screening and Purification of Medicinal Plant against Hepatitis C Virus
50.	PSF/Res/KPK-AWKU/Med (459) Development of Coumarin Based Compounds for U2OS Bone Cancerous Cell Treatment
51.	PSF/Res/C-IBGE/Med (509) Exploring Predictive biomarker for Aplastic anemia:An appropriate tool for diagnosis and Treatment
52.	PSF/Res/P-UET.TX/Engg (152) Design and Implementation of real time Cooperative MIMO Communication Platform for Next Generation Wireless Communications
53.	PSF/Res/KPK-PU/Earth (96) Shale Gas Potential of the Kohat Sub-basin, Indus Basin, Pakistan

54.	PSF/Res/C-RIU/Chem (583) Design, synthesis and pharmacological screening of Novel 2-mercapto benzimidazole derivatives as potential anti ulcer agents
55.	PSF/Res/ P-UHS/Med (478) Comparison of Salivary Aquaporin-5 Levels in Patients with Type-II <i>Diabetes mellitus</i> and Healthy Individuals
56.	PSF/Res/S-AKU/Med (525) Identification of Serum miRNA as a Potential cost-effective Biomarker of Glioblastoma
57.	PSF/Res/S-AKU/Med (506) Development of Mouse Model of Heart Fibrosis after Myocardial Infarction to Study the Molecular Contributions of Wnt-signaling Proteins and Galectin-3.