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<th>Sr #</th>
<th>Title of Research Proposal</th>
<th>Principal Investigator</th>
<th>Department</th>
<th>Funding Agency</th>
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<td>Clue Computational Cluster Research Project (CCCRP)</td>
<td>Dr. Fazl M. Ishaq</td>
<td>Computer Science</td>
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<td>Determination of R2P/F310 Acyltransferase levels in normal as well as tumor cells</td>
<td>Dr. Muhammad Saeed</td>
<td>Biosciences</td>
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<td>Formation and characterization of ultra-shallow junctions for the future generations of CMOS nano-electronics</td>
<td>Dr. Ehsanullah Dr. Ahmad Shuja</td>
<td>Physics</td>
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<td>Cloning and expression of human enzymes in aspergillus coelic and development of high-throughput capillary electrophoresis and microchip based nano test system for analysis of inhibitors</td>
<td>Dr. Jamal ud Iqbal</td>
<td>Pharmacy</td>
<td>HEC (NRPU)</td>
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<td>Comparative computer analysis of promoter architecture and expression pattern of plant genes</td>
<td>Dr. Ijham Ayub-Shahmuradov</td>
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<td>Identification and characterization of ACC deaminase (1-amino-cyclopentane-carboxyl acid deaminase) gene in plant species growth promoter Rhizobacteria</td>
<td>Dr. Faizul Quasim Hafeez</td>
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<td>Exploring the regulatory roles of microRNAs (miRNAs) in drought stress tolerance in triticum aestivum</td>
<td>Dr. Syed Sarfraz Hussain, Dr. Shahid Nadeem Chohan</td>
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<td>The distribution of angiofibroma (a disease of citrus plants) and its seasonal variation in Pakistan</td>
<td>Dr. Shahid Nadeem Chohan</td>
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<td>Nanoscale optical properties of semiconductors by cavity ringdown spectroscopy</td>
<td>Dr. Waqar Ahmad Adil Syed</td>
<td>Physics</td>
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<td>Genetic mapping of autosomal recessive non-syndromic mental retardation disorder in Pakistan Population</td>
<td>Dr. Asif Mir</td>
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<td>Isolation structure elucidation and biological activity of some medical plants belongings to the family lamiaceae and compositae</td>
<td>Dr. Umar Feroz</td>
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<td>Strengthening the R &amp; D section of the communication engineering laboratory at the computer engineering dept. Cliff Wah</td>
<td>Dr. Zahid Saleem</td>
<td>Computer Engineering</td>
<td>HEC (Lab Strengthening &amp; Library upgradation)</td>
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<td>Institutional strengthening an upgradeation of Library and laboratory</td>
<td>Mr. Nabizudd Din</td>
<td>Library</td>
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<td>Mr. Munfar Abbas</td>
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<td>Mapping genes responsible for autism</td>
<td>Dr. Michael Johnson</td>
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<td>Non-isotonic mesionic and barioic decays</td>
<td>Mr. Muhammad Jamil Aslam</td>
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<td>HEC (IPFP)</td>
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<td>Institutional strengthening and upgradeation laboratories and libraries department Biosciences</td>
<td>Dr. Rafeeq Ghar</td>
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<td>Convergence of Fourier Spectral Method for Resonant Long-short Nonlinear Wave Interaction</td>
<td>Dr. Abdul Rashid</td>
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<td>Face Recognition using Directional Filter Bank.</td>
<td>Dr. M. Aslamulah Khan</td>
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<td>HIV Inference (SNRNA) as a Treatment for HIV AIDS.</td>
<td>Dr. Abdalla Mohammed Jama</td>
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<td>Removal of Heavy Metals from Waste Water by Sono Electrolysis Process.</td>
<td>Dr. Rubina Farooq</td>
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<td>Characterization of Local responsible for inherited eye anomalies in families of Pakistan.</td>
<td>Dr. Muhammad Arshad Rafiq</td>
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<td>Signature Verification using Velocity-based Directional Filter Bank.</td>
<td>Dr. M. Aslamulah Khan</td>
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<td>Women Entrepreneurship: The Tool for Sustainable development of Rural Areas.</td>
<td>Dr. Talat Abza</td>
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<td>Impact of Level of self esteem and instructor role in Teaching and Classroom Interaction during the process of psycho-social and academic development studies of CIT.</td>
<td>Dr. M. Shoabi Shahid</td>
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<td>Endogenous Growth and Human Capital In Pakistan.</td>
<td>Dr. Qaisar Abbas</td>
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<td>Research Support Program for Active Scientists and Technologists of Pakistan</td>
<td>Dr. Gamar Javed</td>
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<td>Growth and Characterization of Magnetic and Semiconductor Nano Particle</td>
<td>Dr. Arshad Saleem Bhatti</td>
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<td>HEC (NRPU)</td>
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<td>Dr. Ijham Shahmuradov</td>
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<td>A study of the incidence and the extent of the spread of citrus greening in Pakistan using DNA Hybridization and PCR Amplification.</td>
<td>Dr. Shahid Nadeem Chohan</td>
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<td>HEC (IPFP)</td>
<td>10/12/2005</td>
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<td>Suggesting Appropriate Method for F studied by the Electric Demand.</td>
<td>Dr. Majid Hassan Khattak</td>
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<td>3/12/2007</td>
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<td>Snow Estimation in Pakistan for the Assessment of water resources using Remote Sensing Data.</td>
<td>Dr. Mohsin Jamil But</td>
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<td>HEC (NRPU)</td>
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<td>Investigation on the syntheses, characterization and application of thermoplastic polyurethane elastomers</td>
<td>Dr. M. Asmatullah Khan</td>
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<td>HEC</td>
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<td>Studies on Transmission Mechanism of Antibiotic Resistance by Fecal to Human Pathogens.</td>
<td>Dr. Razi Faryal</td>
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<td>Dr. Rubaiq Qamer</td>
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<td>Dr. Mais Salam</td>
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<td>12/26/2006</td>
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<td>22-12-2009</td>
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<td>23-4-2009</td>
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<td>3/9/2009</td>
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<td>Some preliminary studies of laser-cooled quarks in cryogen containing Gas mixture</td>
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<td>Identification and characterization of trace teto ions (TV) in subjects suffering from HC in Pakistan</td>
<td>Dr. Nazir Bostan, Dr. Muhammad Aslam Noor</td>
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<td>Meteorology and Development of Non Thermal Plasma for in Vivo Medical Treatment.</td>
<td>Dr. Najib ur Rehman, Dr. Muhammad Aslam Noor</td>
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<td>Development of A continuous Hydrothermal Flow Synthesis Facility: A Versatile Process for Nano Materials Discovery and their Commercial Production</td>
<td>Dr. Asif awmar Ch, Dr. Muhammad Aslam Noor</td>
<td>BCBM</td>
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<td>Postence Alumination Associated with Banana Bunchy top Virus Infection in Banana</td>
<td>Dr. Muhammad Zosheen Hyder, Dr. Muhammad Aslam Noor</td>
<td>Biosciences</td>
<td>1/2/2010</td>
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<td>Tuning the Anticancer Activity of Organometallic Ruthenium (III) Arsenic Compounds of Hydroxypyrrolide Derived Ligands</td>
<td>Dr. Muhammad Hanif, Dr. Muhammad Aslam Noor</td>
<td>Chemistry</td>
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<td>Wheat improvement by the use of wheat using Artificial selection approaches</td>
<td>Dr. Maroof Shab, Dr. Muhammad Aslam Noor</td>
<td>Environmental Sciences</td>
<td>2/4-2007</td>
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<td>Field Evaluation of Bioregulated Biosensors for Red Rot (Colletotrichum Falcatum Want) suppression and enhanced sugarcane (Saccharum officinarum) production</td>
<td>Dr. Fawzia ibnul Haq, Dr. Muhammad Aslam Noor</td>
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<td>Fabrication of Microdevices and nano particles by laser induced forward direct transfer technique</td>
<td>Dr. Muhammad Aslam Khan, Dr. Muhammad Aslam Noor</td>
<td>Physics</td>
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<td>Genetic Analysis of Retinitis Pigmentosa in Pakistani Population.</td>
<td>Dr. Babar Qamar, Dr. Muhammad Aslam Noor</td>
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Mycotoxins Determination in Commercially Important Commodities using Flow Injection Analysis
Chromatographic Detection System
Dr. Abhishek Rana / Dr. Amre Waseem Chemistry HEC 4/4/2011 Approved

Indigenous Development of a Novel Nanofibrous Dental Composite for Tooth Regeneration
Dr. Abdul Samad Khan BICBM HEC 12-12-2010 Approved

Biological Control of Blast & Banana Diseases of Rice by Using Improved Formulation of Native Biopesticides
Dr. Muhammad Naeem Hassan Biotechnology HEC 7/7/2011 Approved

Synthesis and Characterization of Novel Biotracers for Orthopaedic applications
Dr. Rahul Hassan / Dr. Saadat Anwar Siddiqui BICBM HEC 28-12-2010 Approved

Assessment of Genetic Risk Factors of Glaucoma
Dr. Rahul Qamar Biotechnology PSF 65/2009 Approved & Completed

Study of Heavy Ion Physical With ALLICE at LHC Geneva
Dr. Aamir Waqar Rafaq Physics HEC (Start-UP) 29-01-2010 Approved & Completed

Exploration of the Mechanism of Wheat Biofortification Through Zinc Mobilizing Rhizobacteria
Dr. Faeza yousaf Hafeez Biotechnology HEC 22/04/2011 Approved

Scope of Tunnel Technology Transfer: Adoption, Productivity and Efficiency Analysis in the Province of Punjab
Dr. Hafiz Zahid Mahmood Management Sciences HEC 30-06-2011 Approved

Training Manual development for the non-Profit organizations Management course
Dr. Khalid Reza Management Sciences Asia Foundation 01-06-2012 Approved

Child Labour A Curse or A Blessing: For Poor Families
Dr. Amber Firdous Development Studies HEC (IPFP) 1/4/2011 Approved

Research Unit of Academic in Geometric Function theory and applications
Dr. Khalid Bajay Naeem Mathematics HEC 17/02/2010 Approved

Grant for Maintenance of Scientific Equipments
Dr. Muhammad Shakeel Khan BICBM HEC 09-12-2011 Approved & Completed

Production of Synthesis Gas from Biomass in Poplar Field in Gilgit Region
Dr. Mumtaz Ghahti Electrical Engineering HEC 23-09-2011 Approved

Nanofabrication implementation of UWB using microstrip patch antenna
Dr. Khalram Salem Almansa Electrical Engineering HEC (IPFP) 14-10-2011 Approved

Mobility in heterogeneous environment network
Dr. Raza Liaqat Ali Electrical Engineering HEC (IPFP) 4/5/2011 Approved

Novel Photocatalytic Composites based on Hyper branched Polymers for dental Applications
Dr. Aamir Asif BICBM HEC 28-12-2010 Approved

50 Years of Environmentally Sustainable Urban Development of Islamabad
Dr. Anser Hashmi Meteorology HEC 1/12/2010 Approved

Sedimentary Geocemistry and provenance of Late Pliocene-Quaternary River at Gilgit, Pakistan
Dr. Muhammad Amin Pasqual Environmental Sciences HEC 1/4/2010 Approved

Grant for Maintenance of Scientific Equipments
Dr. Nazar Abbas Shah Chemistry HEC 10-04-2011 Approved & Completed

Development of plant DNA Isolation Kit for Single Cell Analysis
Dr. Muhammad Ziauddin Hyder Biotechnology HEC (IPFP) 29-04-2010 Approved & Completed

Electrochemical fabrication of Ferrocene Functionalized Gold Nanoparticles for the Electrochemical Sensing of Biological Entities
Dr. Sana Sabeen Chemistry HEC (IPFP) 23-05-12 Approved

Development and Role of Indigenous Music Hybrids for Hilly Areas of North-western Pakistan
Dr. Kreemat Khan Environmental Sciences HEC 7/6/2010 Approved

Genetic Association Studies of Breast Cancer Patients
Dr. Rehmat Qamar Biotechnology PAS 23-12-2011 Approved & Completed

Pharmacological investigation of Molecular Plasmi Available in Hazara Division and Related Northern areas Based on their Medicinal Use in Cardiovascular Disorders
Dr. Abdul Jabbar Pharmaceutical Sciences HEC 4/1/2010 Approved

Pesticide Monitoring from Soils of Pakistan
Dr. Abdul Ghaffar Meteorology HEC 14/03/2011 Approved

Computational Design of Cyclophane- Derivative Diblock Copolymer Photoswitches
Dr. Khurshid Ayub Chemistry HEC 11/5/2011 Approved

Biological and molecular characterization of viruses infecting papya (carica papaya L) in Pakistan
Dr. Sadiq Nasir Biotechnology HEC (IPFP) 8/5/2011 Approved

The Biological and Deconstruction of Dye Effluent by Using Biological Dross Collector
Dr. Rubina Farooq Chemical Engineering HEC 21-4-2011 Approved

Synthesis Nuclear Activity and Fluorescence Properties of Calcium Complexes
Dr. Tariq Mahmood Chemistry HEC (IPFP) 29-03-12 Approved

Investigating the stream course and glaciers variation trend in the Gilgit River basin, using satellite remote sensing
Dr. Arun Ahmad Tahir Environmental Sciences HEC (IPFP) 17-05-12 Approved

Some Aspects of Generalized Finite Temperatures and Density
Dr. Mehdi Qasim Hussain Physics HEC 15/02/2011 Approved

Rastrophysical Water Quality Assessment of Different Institutions of Abbottabad City in KPK
Dr. Toqeer Ahmed Environmental Sciences HEC (IPFP) 18-05-2012 Approved

An Analysis of the Impact of Civil Conflict on the Local Businesses of Swat Valley
Dr. Aamir Fazal Haq Management Sciences HEC 3/5/2011 Approved

Assessing climate vulnerability and protecting crop productivity using integrated crop and economic modeling techniques
Dr. Waqil Nasir Environmental Sciences Columbia University USA Directly submitted Approved

Development of Nanocomposite Electrodes and Fundamental Studies of Interfacial Phenomena in Advanced fuel cell Technology
Dr. Rizwan Raza Physics HEC (IPFP) 4/12/2012 Approved

Artificially designed DNA structural motifs
Dr. Rashid Anpari BICBM HEC (IPFP) 17-05-2012 Approved

Synthesis and Characterization of Nano-Structures Using Spin Coater
Dr. Sameera Shah Zaman Physics HEC (IPFP) 27-02-2012 Approved

Synthesis of Biologically Active Chromone Derivatives by Palladium Catalyzed Cross Coupling Reaction
Dr. Imam Malik Chemistry HEC 6/6/2012 Approved

Biomass derived Adhesive for Industrial Wastewater Treatment
Dr. Muhammad Bilal Environmental Sciences HEC 1/4/2013 Approved

Paper Photofunctionalization: New chapter in Growth of Nano-Structures
Dr. Tayyaba Yasmin Biosciences HEC 27/09/2011 Approved

Exploring the role of plant induced proteins for stress tolerance in transgenic ppa
Dr. Muhammad Rehman Biology Plant Science HEC 17/05/2011 Approved

Synthesis of Primary Carbonates As Key Synthetic Precursors for Highly Asymmetric Functionalization
Dr. Adem Mehmed Chemistry HEC (IPFP) 30-04-12 Approved

Nonphotocatalytic degradation of Reactive dye (RB 19) by TiO2 particles in aqueous solutions
Dr. Maria Siddiqua Environmental Sciences HEC (IPFP) 13-06-12 Approved

Manifestation of Collective Phenomena in Relativistic Hadron-Nucleus and-Nucleus Collisions
Dr. Khalida Inayat Noor Physics HEC (Start-UP) 08/10/2009 Approved

Isolation and Identification of Bacterial genus nematodes: their effect on rhizo-bacterial Communities and Nematodes uptake by Pome Fruits
Dr. Usman Ishqal Environmental Sciences HEC (IPFP) 18-06-12 Approved

Facile Synthesis of Substituted Carboxylate Building Blocks
Dr. Farhad Rehman Khan Chemistry HEC (IPFP) 18-06-12 Approved

Application of Random Matrix Theory in High Energy Physics
Dr. Ehtiram Shahaliyev Physics HEC (Start-UP) 1/2/2010 Approved & Completed

Development of high mobility synthetic bone substitute using polymer carriers
Dr. Aamir Asif BICBM HEC (IPFP) 8/8/2012 Approved & Completed

Toxic metal signatures and their risks in the food substitutes using polymeric carriers
Dr. Syed Mustajab Akber Shah Eqani HEC (IPFP) 24-09-2012 Approved & Completed
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<th>#</th>
<th>Title</th>
<th>Principal Investigator(s)</th>
<th>Co-Principal Investigator(s)</th>
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<tr>
<td>130</td>
<td>Quantification of Phosphorus budget at farm scale. Influences, outflows and their relative importance in cotton-based growing region of Yehliu</td>
<td>Dr. Muhammad Nadeem, Environmental Sciences</td>
<td>HEC (IPFP)</td>
<td>10/5/2012</td>
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<td>131</td>
<td>Nutraceutical control in poultry through training for commercial poultry farmers &amp; vaccine development</td>
<td>Dr. Syed Habib Bokhari, Biosciences</td>
<td>SPEKE (British council)</td>
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<td>132</td>
<td>Development of an Adaptive Finite Formulaion for the Solution of Obstacle Problems</td>
<td>Dr. shakat Iqbal, Computer Science</td>
<td>HEC (NRPU)</td>
<td>8/5/2012</td>
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<td>133</td>
<td>Pesticidal Map of the Sustain Fold Belt, Pakistan, 1-500,000 scale</td>
<td>Dr. Iqbal Javid, Environmental Sciences</td>
<td>HEC</td>
<td>25-04-2011</td>
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<td>134</td>
<td>Modeling and Simulation of Nonlinear Thermodynamic processes in chemical engineering</td>
<td>Dr. Mubarak Shamlal Qamar, Mathematics</td>
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<td>Design of the Vortex Liquid Crystals by Tuning the Vortex Pinarity of the Nanoparticles cylindrical</td>
<td>Dr. Khaleed Aqil, Chemistry</td>
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<td>136</td>
<td>Numerical Solution of The Boundary Value Problems Acting in Biology</td>
<td>Dr. Muhammad Sadiq, Computer Science</td>
<td>HEC (IPFP)</td>
<td>15-01-2012</td>
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<td>137</td>
<td>Synthesis and Characterization of Solite Crosslinked Linear Low Density Polyethylene/Chitosan/Chitosan Composite</td>
<td>Dr. Sadullah Mir, Chemistry</td>
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<td>Obesity induced transcriptional structural and functional changes in kidney tissue in Pakistani population</td>
<td>Dr. Asma Noor, Biosciences</td>
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<td>Bovinizing of heat tolerant cultures to identify water logging tolerant cultivars</td>
<td>Dr. Iqbal sadiq, Biosciences</td>
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<td>28-04-2012</td>
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<td>140</td>
<td>Conversion of carbon dioxide/Methanol to Dimethyl oxide (DME) OVER HIGHLY Nano crystaline Modified Catalyst</td>
<td>Dr. Syed Tajammal Hussain, Physics</td>
<td>HEC (University Industry Technology Support Program)</td>
<td>10/5/2011</td>
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<td>Identification and Characterization of Metal-Resistant Fungal Strains Isolated from Polluted Sites</td>
<td>Dr. Kiran Munir, Biosciences</td>
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<td>12/5/2012</td>
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<td>Forest population of rapidly synthesize 903 using metal and non metal deposits</td>
<td>Dr. Muhammad Awais, BCSBM</td>
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<td>Optimization Synthesis and Photo-physical Studies of the Substituted Triazoles and Thiazoles</td>
<td>Dr. Aneela Musall, Chemistry</td>
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<td>17-10-12</td>
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<td>Isolation Structured Elucidation and Biological Activity of the Chemical Constituents of the Plants belonging to Famlies Jaceae and Apiaceae</td>
<td>Dr. Afar Khan, Chemistry</td>
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<td>Investigating Possibility of E-Learning programs in Business sector of Pakistan</td>
<td>Dr. Shehla Ansari, Development Studies</td>
<td>HEC</td>
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<td>146</td>
<td>Some New Isolated Derivatives. Synthesis, Bioactivities and SAR Studies</td>
<td>Dr. Muhammad Apshad, Chemistry</td>
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<td>147</td>
<td>Photochemistry and Isolation of Biologically active Components from Harissaena Rossi</td>
<td>Dr. Rehna Rashid, Chemistry</td>
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<td>148</td>
<td>A Hybrid Solar Water Heating System Using Cyl As Working Fluid</td>
<td>Dr. Nasrullah Khan, Electrical Engineering</td>
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<td>149</td>
<td>Diabetic characteristic for agriculture and pharmaceutical application using medicinal techniques</td>
<td>Dr. Mubarak Farhan Shafi, Electrical Engineering</td>
<td>ICT R &amp; D</td>
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<td>Cross domain access control and federation in enterprise applications</td>
<td>Dr. Annu Hayat, Computer Science</td>
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<td>151</td>
<td>Synthesis and Photophysical properties of Titaniumclipboard and its derivatives</td>
<td>Dr. Zafar Iqbal, Chemistry</td>
<td>HEC (IPFP)</td>
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<td>152</td>
<td>Isolation Structured Elucidation and Biological Activities of Secondary Metabolites from Medicinal Plants Belonging to Family Symbiocacae and Sapuchacae</td>
<td>Dr. Umair Farooq, Chemistry</td>
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<td>153</td>
<td>Phototoxic analysis in soil of cotton growing area in Yehliu region</td>
<td>Dr. Muhammad Shahid, Environmental Sciences</td>
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<td>Genetic and Genomic Analysis of Rh-Pyathway Genes in Head and Neck Cancer Patients</td>
<td>Dr. Mahmood Akhtar, Biosciences</td>
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<td>155</td>
<td>Development of Novel Techniques for data fusion using multivariate empirical mode decomposition</td>
<td>Dr. Najeeb ur Rehman, Electrical Engineering</td>
<td>HEC (IPFP)</td>
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<td>156</td>
<td>The effective use of annals &amp; carbontas in sulfur chile medicinal applications reactions &amp; a novel method development for the efficient synthesis of URAT inhibitors dihydro 1,4-benzoazaine using vinel sulfonium salts</td>
<td>Dr. Yar Muhammad, BCSBM</td>
<td>HEC (IPFP)</td>
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<td>157</td>
<td>Identification of genes involved in phytoremediation from different hyper accumulation plants and recombinant protein expression, purification, and functional analysis of proteinc acid inhibitors from medicinal plants</td>
<td>Dr. Rafiq Ahmad, Environmental Sciences</td>
<td>HEC (IPFP)</td>
<td>24-12-2012</td>
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<td>158</td>
<td>Functional Synthesis Sensitive Coatings for theDetection of acid components</td>
<td>Dr. Usman Lalif, Chemistry</td>
<td>HEC (IPFP)</td>
<td>16-05-12</td>
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<td>159</td>
<td>Identification of reduct soluble bacteria for plant growth promotion and biological control fungal disease in silicone crops</td>
<td>Dr. Zakria Nooreen, Biosciences</td>
<td>HEC (IPFP)</td>
<td>11-05-2012</td>
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<td>Improving mental health care for young adults in Beshkistan Province of Afghanistan using zifilh</td>
<td>Dr. Sharif Khaja, Computer Science</td>
<td>Grand Challenges of Canada</td>
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<td>161</td>
<td>Saving lives of mothers and newborns in remote areas of the world through regular monitoring during pregnancy</td>
<td>Dr. Sharif Khaja, Computer Science</td>
<td>Grand Challenges of Canada</td>
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<td>163</td>
<td>Soil of Plant Growth Promoting Rhizobacteria (PGPR) for the Biological Control of Root Knot of tomato caused by Meloidogony spp.</td>
<td>Dr. Fauzia yusuf Hafes, Biosciences</td>
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<td>164</td>
<td>Synthesis, characterization and UV Studies of some coumarin substituted oxadiazoles, triazoles and pirazoles</td>
<td>Dr. Amara Mumtaz, Chemistry</td>
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<td>Treatment of Mine Drainage by Combination of Ultrasonic Cavitations and Electrochemical Process</td>
<td>Dr. Robina Farooq, Chemical Engineering</td>
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<td>14-05-2010</td>
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<td>166</td>
<td>The study on interaction between atomic systems and short pulses</td>
<td>Dr. Fazle elish Hashmi, Centre for Quantum Physics</td>
<td>HEC (PPCR)</td>
<td>31-03-2011</td>
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Targeting NS3-4A Protease: A rationale approach for developing New Antivirals against Hepatitis C infection based on Multi-site directed Hemolytic scaffolders.

Dr. Muhammad Ali Chemistry HEC 25-04-2012 Approved

Thermally stable dicyanomethylene-rhodamine based photo switches.

Dr. Khurshid Azam Chemistry HEC 23-04-2012 Approved

Automatic Monitoring and detection system (AMSIS) for grey traffic

Dr. Mehmood Ashraf Khan CAST ICT R & D 23-12-2012 Approved

Role of nano-enzymes application in immobilization of saline solid waste impact on soil microbial diversity and bioaugmentation processes

Dr. Bilal Ahmad Zafar Arain Environmental Sciences HEC(IPFP) 26-02-2013 Approved

Identification and Characterization of lead (Pb) responsive genes in wheat (Tritium aestivum L.)

Dr. Sarfraz Shaqiq Environmental Sciences HEC(IPFP) 12-11-2012 Approved

Novel nanoparticle drug delivery for cancer treatment

Dr. Muhammad Hammed Ali Aza Physics HEC (IPFP) 14-05-2013 Approved

Study for Maintenance of Scientific Equipments

Dr. Nazir Abbas Shah Physics HEC(Mark) 1/12/2013 Approved

Validating and exploring biochemical basis of efficacy of a Herbal formulation against Hepatitis C Viral infection

Dr. Saima Anis Biotechnology HEC(IPFP) 11/2/2013 Approved

Direct and inverse problems for time fractional diffusion equations

Dr. Saima Ans Mathematics HEC (Post Doctoral Program) 24-01-2013 Approved

Designing, characterization and comparative evaluation of biodegradable polymer based nanoparticles delivery systems for sustained drug release

Dr. Farah Masood Biotechnology HEC(IPFP) 19-02-2013 Approved

Synthesis and characterization of novel polymeric nanoparticles catalysis for production of fuel oil by catalytic cracking of polyethylene waste

Dr. Asma Tufail Shah BCBM IFS 7/1/2013 Approved

Boron mediated asymmetric alkylation of imines and their applications in the total synthesis of kusane acid

Dr. Muhammad Ali Chemistry HEC (Post Doctoral Program) 30-01-2013 Approved

Homomorphic images of the pFRCS group

Dr. Saima Ans Mathematics HEC (Post Doctoral Program) 24-01-2013 Approved

Somechemical synthesis of medium sized dioxane nanorods (visible light active) for treating waste pollutants

Dr. Maria Sidicate Environmental Sciences HEC (Post Doctoral Program) 29-01-2013 Approved

Exploring the transcriptional regulation mechanism of type B1 secretion system (TSS) in plant pathogen pseudomonas syringae

Dr. Muhammad Hassan Biotechnology HEC (Post Doctoral Program) 31-01-2013 Approved

Use of macroarrays for the detection of plant viruses

Dr. Muhammad Ziaudin Hyder Biotechnology HEC (Post Doctoral Program) 31-01-2013 Approved

Distance between system behaviors

Dr. Muhammad Saeed Akram Mathematics HEC (Post Doctoral Program) 31-01-2013 Approved

Study of Magnetic materials for Hyperthermia treatment of cancer

Dr. Sadia Manzoor Physics HEC (Post-US ) 28-11-2012 Approved

The Relationship between corporate governance and firm value: Role of discretionary earnings management

Dr. Sojaj Nazir Management Sciences HEC 25-03-2013 Approved

Access to scientific instrumentation / Lab Test

Student/Faculty used CLET Lab HEC Approved

Candidate genes hunting for certain natural recessive non-syndrome hearing loss (ARNSHL) disorders using biological databases and bioinformatics tool

Dr. Syed Kamran Ahmad Nazir Biotechnology HEC(IPFP) 17-06-2013 Approved

Growth and characterization of nano-semiconductors through solution method

Dr. Shujah Hussain Physics HEC(IPFP) 22-10-2013 Approved

Development of optimal resource allocation techniques for Cognitive radio networks

Dr. Gharib Ahmad Sairuddin Electrical Engineering HEC(IPFP) 1/4/2013 Approved

Growth and characterization of penta Conductor and Magnetic Nanocrystals Using Bufler Layer Assisted Growth, BCBM, POER

Dr. Arshad Salim Bhatti Physics HEC (IPFP) 1/6/2004 Approved & Completed

Preliminary Communication with Entanglement

Dr. Mansoor Iqbal Physics Centre for Quantum Physics HEC (IPFP) 6/9/2007 Approved & Completed

Joint COSTAction Institute of Information Technology-George Mason University Initiative in Bio-Informatics, POER

Dr. S. Habib Bokhari Biotechnology HEC(IPFP) 9/28/2005 Approved & Completed

Collaboration for Non-invasive cardiovascular research and development Between CIFT AFIC and Cardiff University, Hospital Cardiff Under POER

Dr. Mohammad Adnan Khattak CIIT Wah 9/28/2006 Approved & Completed

Non-Leptonic Mesonic and Bayesian Decays, POER

Dr. Muhammad Jameel Ahmad, Lecture,Do Physics, CIIT Islamabad HEC(IPFP) 7/31/2007 Approved & Completed

Energy Consideration in Fluid Mechanics’ POER

Dr. Salma Asghar, Dean, Fis Sciences, CIFT Islamabad Mathematics HEC (IPFP) Directly Submitted to HEC Approved & Completed

Risk Assessment and Decisions analysis using Casual POER

Dr. Romana Aziz Computer Science HEC(IPFP) 5/2/2006 Approved & Completed

Numerical methods for incompressible multiphase flows, POER

Dr. Abidullah Shah Mathematics Islamabad Mathematics HEC(IPFP) 24-04-2009 Approved & Completed

Nuclear Radiation and its use as A Cure for Health

Dr. Arshad Salim Bhatti Physics HEC(IPFP) 26-10-2005 Approved & Completed

Modeling and Simulation of Chemical Engineering process using spectral methods, POER

Dr. Ishaque Ali Mathematics HEC(IPFP) 20-05-2009 Approved & Completed

Enhanced feasibility analysis techniques and novel scheduling policies for multiprocessor system, POER

Dr. Nuzo Min Allah Computer Science HEC (IPFP) 2/6/2009 Approved

Development of cloud computing thematic research and educational program , POER

Dr. Nuzo Min Allah Computer Science HEC (IPFP) 3/3/2010 Approved & Completed

The study of interaction between atomic systems and short pulses, POER

Dr. Faheem Ashraf Hashmi Centre for Quantum Physics HEC (IPFP) 2/5/2011 Approved

Synthesis and optimization of large antenna array radiation patterns, POER

Dr. Annu Ali Khan Electrical Engineering HEC (IPFP) 31-05-2012 Approved & Completed

Development of an open source GNU based simulation toolset in optical fibre communication, POER

Dr. Saima Anis Biotechnology Centre for Quantum Physics HEC (IPFP) 7/28/2005 Approved & Completed

Developing and exploring biochemical basis of efficacy of a Herbal formulation against Hepatitis C Viral infection POER

Dr. Salma Ahmad Shah Bokhari Biotechnology HEC(IPFP) 12/11/2012 Approved

Energy Efficient Path Planning for Non- holonomic Mobile Robots

Dr. Zafirah Habib Computer Science HEC 18-01-2012 Approved

Study of MHD Equilibria in Fusion Plasmas in Pakistan

Dr. Muhammad Ali Physics HEC(IPFP) 1/12/2011 Approved

Synthesis and characterization of transition metal oxides nanomaterials

Dr. Hasan Majeed Physics HEC(IPFP) 11/2/2013 Approved

Preclinical evaluation of natural substances for antidepressant potential using behavioral assays

Dr. Ghulam Abbas Pharmaceutical Sciences HEC(IPFP) 11/2/2013 Approved

Synthesis and characterization of magnetic nanomaterials for antenna applications

Dr. Majid Niaz Akhtar Physics HEC(IPFP) 20-02-2013 Approved

Establishment of basic research infrastructure to study Pakistan Fiscal policy & political business cycles

Dr. Imran Bateel Management Sciences HEC 28-01-2013 Approved

Fabrication of zinc oxide nanorods on waste paper filters for development of low voltage light emitting wallpapers to replace incandescent bulb

Dr. Aamir Razaq Physics HEC(IPFP) 11/2/2013 Approved

Classification of Hairline Loss for small Value of

Dr. Mukhtar Ali Mathematics HEC(IPFP) 09-08-2012 Approved

Melanoma tumor porous TiO2 hetero-junction solar cells

Dr. Mushtaq Ali Physics HEC(IPFP) 2/12/2013 Approved & Completed
<table>
<thead>
<tr>
<th>Project Title</th>
<th>Principal Investigator(s)</th>
<th>Department</th>
<th>Funding Agency(s)</th>
<th>Start Date</th>
<th>Completion Date</th>
<th>Status</th>
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<tr>
<td>Simulation of novel space-time block c不住 using rank codes &amp; efficient decoding</td>
<td>Dr. Haif Muhammad Afzil</td>
<td>Chemical Engineering</td>
<td>HEC (IPFP)</td>
<td>26-04-2013</td>
<td>Approved</td>
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<td>Low cost domestic solar cooker and associated domestic utilities</td>
<td>Dr. Waqar Haider Bokhari</td>
<td>Electronics</td>
<td>HEC (PPCR)</td>
<td>27-10-2011</td>
<td>Approved &amp; Completed</td>
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<td>Growth of Nanostructures for Research Purposes</td>
<td>Dr. Aamir Lari Khan</td>
<td>Chemical Engineering</td>
<td>HEC (IPFP)</td>
<td>11/07/2012</td>
<td>Approved</td>
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<td>Ecological aspects of nitrogen cycling in terrestrial ecosystems and the emission of nitrous oxide, an important greenhouse gas</td>
<td>Dr. Farhan Hafeez</td>
<td>Environmental Sciences</td>
<td>HEC (IPFP)</td>
<td>13-03-2013</td>
<td>Approved</td>
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<td>Development of flexible electrodes waising conducting polymer nanocomposites for efficient high redox super capacitor technology</td>
<td>Dr. Farah Ali</td>
<td>Physics</td>
<td>HEC (IPFP)</td>
<td>19-02-2013</td>
<td>approved</td>
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<td>Effect of baclofenoids from bacupurin on oral withdrawal induced hypoactivity in animals having high subanesthesia (influence &amp; mechanism exposure)</td>
<td>Dr. Khalid Rafi</td>
<td>Pharmaceutical Sciences</td>
<td>HEC (IPFP)</td>
<td>26-02-2013</td>
<td>Approved</td>
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<td>Instability of MFDS/pressure drop flow</td>
<td>Dr. Zeesh Hussain</td>
<td>Mathematics</td>
<td>HEC (IPFP)</td>
<td>20-05-2013</td>
<td>Approved</td>
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<td>A genetic and functional approach to determine whether disrupted polarized expression results in virus cell lysis.</td>
<td>Dr. Raheel Qamar &amp; Dr. Maleeh Azam (Team members of the project)</td>
<td>Biosciences</td>
<td>NCMRIS (Nijmegen Centre for Molecular Life Sciences)</td>
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<td>Self-Assembly of 10-10 ms structures using Dr. Block copolymers</td>
<td>Dr. Abdul Sattar abbasri</td>
<td>Physics</td>
<td>HEC (IPFP)</td>
<td>26-02-2013</td>
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<td>Quantize regression analysis of ponderal index of underweight newborn babies: A case study of Velahi and Mulann districts</td>
<td>Dr. Munir Ahmad</td>
<td>Management Sciences</td>
<td>HEC (IPFP)</td>
<td>02-07-2013</td>
<td>Approved</td>
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<td>Metabolic activity of Pyram-saturnitic microorganisms in combined treatments of K &amp; N &amp; Na and Varying salinity level</td>
<td>Dr. Muhammad Shahzad</td>
<td>Environmental Sciences</td>
<td>HEC (IPFP)</td>
<td>25-02-2013</td>
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<td>Preparation of imitating capillaries to develop a tool for structured ion implantation and fundamental studies of ion-nanotstrucure interaction</td>
<td>Dr. Namdar Askham</td>
<td>Physics</td>
<td>HEC (IPFP)</td>
<td>11/02-2013</td>
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<td>Synthesis and electrical characterization of BiFeO3 0</td>
<td>Dr. Muhammad Idriss</td>
<td>Chemical Engineering</td>
<td>HEC (IPFP)</td>
<td>20-07-2013</td>
<td>Approved</td>
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<td>Characterization of Abel-Grossmann’s Groupoids by sulphuric acid</td>
<td>Dr. Farnak Shuaad</td>
<td>Physics</td>
<td>HEC (IPFP)</td>
<td>08-03-2013</td>
<td>Approved</td>
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<td>Wastewater Characterization and Integrated Treatment from Hattar Industrial Estate, Hattar, KPK</td>
<td>Dr. Qaiser Mahmood</td>
<td>Environmental Sciences</td>
<td>HEC</td>
<td>19-04-2011</td>
<td>Approved</td>
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<td>Protein polymerrization and microrobots in which methyl wheat flour</td>
<td>Dr. Aburr Hussain</td>
<td>Biosciences</td>
<td>HEC (IPFP)</td>
<td>26-02-2013</td>
<td>Approved</td>
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<td>Numerical Study of Holographic superconductors</td>
<td>Dr. Muhammad Raza</td>
<td>Computer Science</td>
<td>HEC (IPFP)</td>
<td>09/05/2013</td>
<td>Approved</td>
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<td>Nitrogen cycling in different soil ecosystems and influence of the rate of soil densities on the overall budget of the greenhouse gas-nitrous oxide</td>
<td>Dr. Farhan Hafeez</td>
<td>Environmental Sciences</td>
<td>IFS</td>
<td>24/03-2013</td>
<td>Approved</td>
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<td>Determination of energy and velocity distribution of photoreceptor molecule in aagro solution</td>
<td>Dr. Muhammad Kamar</td>
<td>Physics</td>
<td>HEC (IPFP)</td>
<td>04-02-2014</td>
<td>Approved</td>
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<td>Activity pooler: A system for proactive desktop computing</td>
<td>Dr. Hamid Tarab Meera</td>
<td>Computer Science</td>
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<td>21-06-2013</td>
<td>Approved</td>
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<td>Optimization of Microtubular Monitoring network in Pakistan</td>
<td>Dr. Muhammad Intiaz</td>
<td>Environmental Sciences</td>
<td>HEC (IPFP)</td>
<td>12-06-2013</td>
<td>Approved</td>
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<td>Performance of Nanoelectric Nanofluids</td>
<td>Dr. Muhammad Ansar</td>
<td>Mathematics</td>
<td>HEC</td>
<td>23-05-2012</td>
<td>Approved</td>
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<td>Development of self-macromolecular drug delivery systems for enhanced bioavailability of poorly water soluble drugs</td>
<td>Dr. Naseer Rehman</td>
<td>Pharmaceutical Sciences</td>
<td>HEC (IPFP)</td>
<td>18-06-2013</td>
<td>Approved</td>
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<td>Involvement of Hodgkin-Mottis (both, &amp; with &amp; without) - in Breast Cancer Metastasis</td>
<td>Dr. M. Faroo Arshad Malik</td>
<td>Biosciences</td>
<td>HEC</td>
<td>28-06-13</td>
<td>Approved</td>
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<td>Tissue-specific fructinated enzymes, Potentia lactic acid concentration and storage and catalysis</td>
<td>Dr. Khanbal Abid</td>
<td>Chemistry</td>
<td>HEC</td>
<td>28-06-13</td>
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<td>Development of Novel N heterocyclic carbon and their silver complexes as potential antioxidant agents</td>
<td>Dr. Mazhar Ahmad Bajial</td>
<td>Chemical Engineering</td>
<td>HEC (IPFP)</td>
<td>01-07-2013</td>
<td>Approved</td>
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<td>Development of Novel N heterocyclic carbon and their silver complexes as potential antioxidant agents</td>
<td>Dr. Zabih Hussain</td>
<td>Development Studies</td>
<td>HEC (IPFP)</td>
<td>39-11-2011</td>
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<td>Grant for Maintenance of Scientific Equipment</td>
<td>Dr. Muhammad Ansar</td>
<td>Pharmaceutical Sciences</td>
<td>HEC (IPFP)</td>
<td>25-02-2013</td>
<td>Approved &amp; Completed</td>
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<td>Development of R&amp;D Microanalyzing drug delivery systems of Enhanced bioavailability poorly water soluble drugs</td>
<td>Dr. Naseer Rehman</td>
<td>Pharmaceutical Sciences</td>
<td>HEC (IPFP)</td>
<td>18-06-13</td>
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<td>Grant for maintenance of scientific equipment</td>
<td>Dr. Ahmed Ali</td>
<td>Biosciences</td>
<td>HEC (IPFP)</td>
<td>12-06-2013</td>
<td>Approved</td>
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<td>High performance human resource management as a tool to enhance indenting Pakistan firms performance</td>
<td>Dr. Mansoor Ahmad</td>
<td>Management Sciences</td>
<td>HEC (IPFP)</td>
<td>14-02-2014</td>
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<td>Cell culture engineering and optimization of locally-isolated microalga for enhanced biodiesel production</td>
<td>Dr. Syed Muhammad umam Shah</td>
<td>Chemistry</td>
<td>HEC (IPFP)</td>
<td>23-05-2014</td>
<td>Approved</td>
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<td>Information privacy in collaborative environments</td>
<td>Dr. Malik Ahmad Kamran</td>
<td>Computer Science</td>
<td>HEC</td>
<td>19-02-2014</td>
<td>Approved</td>
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<td>Systematic study of non-edible oil yielding plant species (salvia persica linn) and its oil analysis for quantitative and qualitative production of biodiesel</td>
<td>Dr. Kalyan ulah</td>
<td>Biosciences</td>
<td>HEC (IPFP)</td>
<td>09-06-2014</td>
<td>Approved</td>
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<td>Next generation mixed matrix membranes for CO2 separation aimed at energy &amp; environmental issues</td>
<td>Dr. Asim Lari Khan</td>
<td>Chemical Engineering</td>
<td>HEC (IPFP)</td>
<td>18-06-2013</td>
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<td>Effects of abuse supervision on organization development</td>
<td>Dr. Muzzafar Ahmad Bulla</td>
<td>Statistics</td>
<td>HEC (IPFP)</td>
<td>15-06-2012</td>
<td>Approved</td>
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<td>Investigation of Saffarichae thousands batulcius species with the photodynamic therapy</td>
<td>Dr. Faizul Qamrul</td>
<td>Biosciences</td>
<td>HEC (IPFP)</td>
<td>23/04-2012</td>
<td>Approved</td>
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<td>Mathematical and numerical treatment of two-phase flow models</td>
<td>Dr. Habib Shahnul Qamar</td>
<td>Mathematics</td>
<td>HEC (IPFP)</td>
<td>17-08-11</td>
<td>Regretted</td>
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<td>Quantum Information Processing Laboratories at the Department of Physics, CUFF Islamabad</td>
<td>Dr. Javid Anwar</td>
<td>Physics</td>
<td>HEC (IPFP)</td>
<td>17-08-11</td>
<td>Regretted</td>
<td></td>
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<td>Characterization of Abd-Grossman's Grouplets by Best Generalized Fuzzy Idols</td>
<td>Dr. Misbah Khan</td>
<td>Mathematics</td>
<td>HEC (IPFP)</td>
<td>25/03-2011</td>
<td>Regretted</td>
<td></td>
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<td>Effects of metal contamination on mechanical properties &amp; corrosion resistance of the powder</td>
<td>Dr. Muhammad Ravi</td>
<td>Chemical Engineering</td>
<td>HEC (IPFP)</td>
<td>30/04/2013</td>
<td>Approved</td>
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<td>Instability of MFDS/pressure drop flow</td>
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<td>HEC (IPFP)</td>
<td>20-05-2013</td>
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<td>HEC (IPFP)</td>
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<td>39-11-2011</td>
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<td>Development of Prediction Level Cloud Computing Infrastructure</td>
<td>Dr. Joran Ali Khan</td>
<td>Computer Science</td>
<td>6/8/2012</td>
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<td>Genetic Analysis of Inherited Retinal Disorders in Pakistani Population</td>
<td>Dr. malek Azam</td>
<td>Biotechnology</td>
<td>28/1-12</td>
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<td>Identification of potent and effective Allois</td>
<td>Dr. Jamshed Iqbal</td>
<td>Pharmaceutical Sciences</td>
<td>17/1-2012</td>
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<td>Photophysical Investigation and Biological screening on Jasminum humile and Olea ferruginea</td>
<td>Dr. Asar Khan</td>
<td>Chemistry</td>
<td>12/3/2002</td>
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<td>Design and Development of Emul for control of optimal CNG consumption in Automotive engines</td>
<td>Dr. Mehmood Pervez</td>
<td>Electrical Engineering</td>
<td>13/2012</td>
<td>Regretted</td>
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<td>Association of genetic variations in base excision repair (BER) pathway genes with breast cancer responsiveness</td>
<td>Dr. Mahmood Akhtar Kayani</td>
<td>Biotechnology</td>
<td>23/04/2012</td>
<td>Regretted</td>
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<td>Construction of Petafbyte Computing System for the H0 detection</td>
<td>Dr. Maiz Sales咽hanyo</td>
<td>Physics</td>
<td>24/2010</td>
<td>Regretted</td>
<td></td>
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<td>Intelligent Measuring Systems and Smart Grid</td>
<td>Dr. Mushtaq Faiz Muhammad</td>
<td>Computer Science</td>
<td>7/2010</td>
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<td></td>
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<td>Quantum Interference Without Rotating Wave Suppression</td>
<td>Dr. Asif Iqbal Khoosa</td>
<td>Centre for Quantum Physics</td>
<td>10/2011</td>
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<td></td>
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<td>Light Propagation through Dispersive Media Control on Transmision Substitution behavior, Goss-Hantchen and Goss Delay</td>
<td>Dr. Sajid Qamar</td>
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<td>14/12/2010</td>
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<td>Enhancement of Fast Light using Deepo Broadening Effect and Kerr Nondispersive</td>
<td>Dr. Faiz Ghaluor</td>
<td>Centre for Quantum Physics</td>
<td>15/02/2011</td>
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<td>Numerical Simulation of Two Phase Shallow Flow Model</td>
<td>Dr. Habib Shahid Qamar</td>
<td>Mathematics</td>
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<td>Slow Sand Filter Technology for Drinking Water</td>
<td>Dr. Amir Faiz Malik</td>
<td>Meteorology</td>
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<td>Impact of Terrain Attacks on Business Activities (A Pilot Study)</td>
<td>Dr. Wajid Akram</td>
<td>Management Sciences</td>
<td>30/11/11</td>
<td>Regretted</td>
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<td>Development of Information on Cancer and Anti-Infective Drugs and Molecular Dockings Studies</td>
<td>Dr. Jamshed Iqbal</td>
<td>Pharmaceutical Sciences</td>
<td>11/2011</td>
<td>Regretted</td>
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<td>Development of Offshore Mar Oil Drilling Systems for Enhanced of Ploy Water Soluble Antimice Drops</td>
<td>Dr. Noor-Ur-Reham</td>
<td>Pharmaceutical Sciences</td>
<td>24/03/2011</td>
<td>Regretted</td>
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<td>Biophysical and Aromatic Dynamics in the Soil of Lower Himalaya Pakistan</td>
<td>Dr. Mustafa Nawaz Shafiq</td>
<td>Environmental Sciences</td>
<td>22/03/2011</td>
<td>Regretted</td>
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<td>Monitoring the Impacts of Long-term Hata Industrial water. Water Irrigation on Elements Dynamics in Soils and Agricultural Crops and their Associated Health Hazard in Harari area</td>
<td>Dr. Muhammad Irshad</td>
<td>Environmental Sciences</td>
<td>22/03/2011</td>
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<td>Characterization and Recycling of Organic waste water after Compostion for Sustainable Agriculture</td>
<td>Dr. Faridish</td>
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<td>Development of Biotic and Abiotic Stress Resistant Wheat Varieties Through A Modern Transgenic Approach</td>
<td>Dr. Jamshed Hussain</td>
<td>Environmental Sciences</td>
<td>6/2011</td>
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<td>Extraction/Recognition of Images Formed on the Eyes of Various subject in a Photograph</td>
<td>Dr. Khizar Hayat</td>
<td>Computer Science</td>
<td>30/03/2011</td>
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<td>Geological and Geophysical Characterization of Laisiehs in Northen Pakistan</td>
<td>Dr. Muhammad Farooq</td>
<td>Environmental Sciences</td>
<td>5/2011</td>
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<td>BMPs of Mice Symbiosis-Adopting Environmental Friendly Habitat Management Approach in Pakistan</td>
<td>Dr. Khurja Farooq Ahmad</td>
<td>Environmental Sciences</td>
<td>11/10/2011</td>
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<td>Development of UV/Vo/Fluorescence/Chemiluminescence Detector using Liquid Core Waveguide Capillary Cells coupled with Flow Injection Analysis for Environmental Applications</td>
<td>Dr. Aami Wasseen</td>
<td>Chemistry</td>
<td>4/2011</td>
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<td>Development of Novel Anti-Diabetic Single Compound Drugs from Medicinal Plants</td>
<td>Dr. Zakar Hussain</td>
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<td>Synthesis Advanced Spectrscopic Characterization of Crystallography Complexes</td>
<td>Dr. Abida kalsoon Khan</td>
<td>Chemistry</td>
<td>24/06/11</td>
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<td>Some Studies of A-ha fuzzy ps-segments and related structures</td>
<td>Dr. Asgar Khan</td>
<td>Mathematics</td>
<td>18/04/2011</td>
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<td>Water Treatment/Purification Using High Voltage</td>
<td>Dr. Ahsan Rashid</td>
<td>Electrical Engineering</td>
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<td>Conventional V7 Islamic Microfinance: An Assortinent of Socioeconomics and their Implications on Poverty</td>
<td>Dr. Hafiz Zahid Mahmood</td>
<td>Management Sciences</td>
<td>28-12-2011</td>
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<td>Design and Integration Energy System for the Villages</td>
<td>Dr. Syed Javed Iqbal</td>
<td>Physics</td>
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<td>Proper Covariance Calculations in Generalized Non-symmetric Axisymmetric Space time</td>
<td>Dr. Muhammad Ramzan</td>
<td>Computer Science</td>
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<td>Search for a signal on coherent-prompt heavy quarks production in ultra relativistic heavy ion collisions</td>
<td>Dr. Max Kuzmenko v Shubmanov</td>
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<td>Evolution of Dengue Virus-Mosquito Interaction based on climate change and urbanization impact in Pakistan</td>
<td>Dr. Asok Ghaffar</td>
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<td>14/03/2011</td>
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<td>Analysis of congenital Bone Disorders</td>
<td>Dr. Maleke Azam</td>
<td>Biotechnology</td>
<td>28/06/11</td>
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<td>Assessment of soil quality in relation to heavy metals contamination of food chain</td>
<td>Dr. Muhammad Shahid</td>
<td>Environmental Sciences</td>
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<td>Development of new age conductive polymers and their composite for tissue engineering applications</td>
<td>Dr. Ather Farooq Khan</td>
<td>Biological Sciences</td>
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<td>Generalized Fuzzy Inclusion and Similarity with Applications</td>
<td>Dr. Samina Muslim Asraf</td>
<td>Mathematics</td>
<td>15/06/12</td>
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<td>Design and fabrication of microelectronic devices</td>
<td>Dr. Saloon Farooq Shaukat</td>
<td>Electrical Engineering</td>
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<td>Designing and development of automated remote urine measurement system</td>
<td>Dr. Shaukat Iqbal</td>
<td>Computer Science</td>
<td>8/5/2012</td>
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<td>Phytochemical and Biological Screening of Quercus obtusa and Verbenas, Thapsus</td>
<td>Dr. Umair Farooq</td>
<td>Chemistry</td>
<td>20-12-2011</td>
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<td>342</td>
<td>Synthesis of highly functionalized canavineprenocortisone</td>
<td>Dr. Adeneh Mehmed</td>
<td>Chemistry</td>
<td>PIF</td>
<td>28-05-2013</td>
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<td>343</td>
<td>Design and fabrication of 3KVA solar heat engine</td>
<td>Dr. Naeeem Khan</td>
<td>Electrical Engineering</td>
<td>ICT R &amp; D</td>
<td>27-06-2012</td>
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<td>Vandalism efficacy of a thermal formulation against Hepatitis C virus infection</td>
<td>Dr. Saiman Ahmed Shah Bokhari</td>
<td>Biosciences</td>
<td>PIF</td>
<td>16-05-2013</td>
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<td>345</td>
<td>Syntheses and biocompatibility of bioactive scaffold and bioactive coating for bone tissue engineering</td>
<td>Dr. Mustafa Iqbal</td>
<td>BIOSM</td>
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<td>4/3/2013</td>
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<td>346</td>
<td>Remote Sensing and Geographic Information System Based Mapping and Monitoring of Agricultural Land use of Pakistan</td>
<td>Dr. Mobashir Rizan Khan</td>
<td>Meteorology</td>
<td>HEC</td>
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<td>Geographic Pakistan</td>
<td>Dr. Bilal Zaka</td>
<td>Information Technology</td>
<td>HEC</td>
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<td>Diagnostics of Dengue virus and development of novel and species specific insecticide to control the mosquito vector</td>
<td>Dr. Syed Habib Bokhari</td>
<td>Biosciences</td>
<td>HEC</td>
<td>11/10/2012</td>
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<td>349</td>
<td>The Treatment of Toxic Effluent of Industries by Bio- Electrochemical process</td>
<td>Dr. Robina Fanoos</td>
<td>Chemical Engineering</td>
<td>HEC</td>
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<td>Genetic Analysis of Ciliophytes in Pakistani Foundation</td>
<td>Dr. Rabbil Qamar</td>
<td>Biosciences</td>
<td>HEC</td>
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<td>Gravitational Collapse and Naked Singularities</td>
<td>Dr. Nazir Ahmad</td>
<td>Mathematics</td>
<td>HEC</td>
<td>24/03/2011</td>
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<td>352</td>
<td>Development of cross cut water management schemes via Simulations of waves at every high wave number for professionals in the coastal sector</td>
<td>Dr. Hafiz Abdul Wajid</td>
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<td>National ICT R&amp;D</td>
<td>4/7/2013</td>
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<td>Study of Newton Oscillations</td>
<td>Dr. Aneem Me</td>
<td>Physics</td>
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<td>354</td>
<td>Genetic Analysis of Diabetic retinopathy in Pakistani population</td>
<td>Dr. Rabbil Qamar</td>
<td>Biosciences</td>
<td>HEC</td>
<td>16-08-2012</td>
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<td>Studies of prevalence on autism identifications of CMT disease in northwestern Southern Punjab</td>
<td>Dr. Sarmad Kasim</td>
<td>Biosciences</td>
<td>HEC (NRPU)</td>
<td>28-03-2013</td>
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<td>Microfluidic engineering applications in diagnostic and regenerative engineering</td>
<td>Dr. Masroor Ream</td>
<td>Center for Quantum Physics</td>
<td>HEC (NRPU)</td>
<td>10/06/2011</td>
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<td>357</td>
<td>Mobile Wireless Sensor Network Tested</td>
<td>Dr. Tajammal Ahmad Malik</td>
<td>Computer Science</td>
<td>HEC</td>
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<td>358</td>
<td>Advection orography relationship in summer monsoon over central and northern Pakistan</td>
<td>Dr. Kalim Ullah</td>
<td>Meteorology</td>
<td>HEC</td>
<td>09-06-2011</td>
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<td>359</td>
<td>Finding Drug candidates for Tyrosine kinase (TK) using computational-aided Rational drug design to combat cancer</td>
<td>Dr. Muhammad Qafer Fatmi</td>
<td>Biosciences</td>
<td>HEC</td>
<td>09-06-2012</td>
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<td>Synthesis and Photo catalytic Properties of doped F3O2 nanotubes</td>
<td>Dr. Romana Khan</td>
<td>Environmental Sciences</td>
<td>HEC</td>
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<td>361</td>
<td>Phenomenological study of charged higgs potential within the minimal supersymmetric standard model (MSSM)</td>
<td>Dr. Iqaz Ahmed</td>
<td>Physics</td>
<td>HEC</td>
<td>13-03-2013</td>
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<td>362</td>
<td>Impact of climate change on Pakistan- the phenomena in 2050 and the future outlook</td>
<td>Dr. Sumeer Malik</td>
<td>Center for Policy Studies</td>
<td>HEC</td>
<td>8/4/2013</td>
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<td>363</td>
<td>Quantum Memories: Light Storage Through Coherent Zeeman Oscillations**</td>
<td>Dr. Faisal Ahsan Hussian</td>
<td>Physics</td>
<td>HEC</td>
<td>28-6-13</td>
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<td>Utilization of Plastic Waste In Road Construction</td>
<td>Dr. Tayyab Ashfaq</td>
<td>Civil Engineering</td>
<td>HEC</td>
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<td>Integrated Management of Industrial By-products for the Sustainable Development of Durable Concrete</td>
<td>Dr. Muhammad Ashraf Tanoli</td>
<td>Civil Engineering</td>
<td>HEC</td>
<td>1/7/2013</td>
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<td>Sustainable Irrigation Systems Designing system for Abbottabad</td>
<td>Dr. Tajammal Ahmad Malik</td>
<td>Civil Engineering</td>
<td>HEC</td>
<td>1/7/2013</td>
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<td>367</td>
<td>Genetic Analysis of Conventional Napal Blindness</td>
<td>Dr. Maleka Azam</td>
<td>Biosciences</td>
<td>HEC</td>
<td>9/9/2011</td>
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<td>368</td>
<td>Numerical Investigation of Simulated Moving Bed Chromatography Processes**</td>
<td>Dr. Habib Shamshad Qamar</td>
<td>Mathematics</td>
<td>HEC</td>
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<td>369</td>
<td>Integrated Urban water Management (IWM) of Gumhar-Kan (Sunderi) With Special Reference to new Campus of COMSATS, Islamabad</td>
<td>Dr. Anser Hakeem Malik</td>
<td>Meteorology</td>
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<td>Impact of Extreme Weather Event in Lahore</td>
<td>Dr. Shahzada Tariq</td>
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<td>373</td>
<td>Case Studies on Corporate Governance and Corporate Social responsibility Best Practices in Pakistan</td>
<td>Dr. Aqib Nazim Malik</td>
<td>Management Sciences</td>
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<td>374</td>
<td>Rational Design of Oligosaccharide Decorated Climatic Forafector with Low Orientation Order</td>
<td>Dr. Khreshil Ayou</td>
<td>Chemistry</td>
<td>HEC</td>
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<td>Design and Synthesis of Bipolar Core Emers</td>
<td>Dr. Zahir Hussain</td>
<td>Chemistry</td>
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<td>New Anti-Atherothrombotic topical formulation</td>
<td>Dr. Ghulam Afghanistan Marhias</td>
<td>Pharmaceutics</td>
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<td>Fabrication and Evaluation of Optimized formulation Containing aspirin and Clopidogrel Bisulfite in Combination</td>
<td>Dr. Ghulam Marhias</td>
<td>Pharmaceutics</td>
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<td>378</td>
<td>Bosusey-Guided Isolation and Identification of Cytopathic Consitomers from Selected Forms of Hazara Division</td>
<td>Dr. Tawz Khan</td>
<td>Pharmaceutical Sciences</td>
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<td>An Investigation of Pre-Pose Development project in Pakistan</td>
<td>Dr. Iqbal Ali shahe</td>
<td>Management Sciences</td>
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<td>381</td>
<td>Design of Human Based Cyanine dyes and their Application in Chemical Biology and Textile Industry</td>
<td>Dr. Tariq Mahmood</td>
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<td>Improving Mechanical properties of Silicon Insulating Rubber</td>
<td>Dr. Muhammad Amin</td>
<td>Electrical Engineering</td>
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<td>Quality Enhancement of Modern Electrical Insulation with nano fillers</td>
<td>Dr. Muhammad Amin</td>
<td>Electrical Engineering</td>
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<td>Impact of Energy deficit on small Industries in Pakistan and Strategies to deal with this Crisis</td>
<td>Dr. Absoo Sakar Abbasi</td>
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<td>Development of Campbll Based Novel Chronic Infections</td>
<td>Dr. Mazhar Anjum Gilani</td>
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<td>Solke System for Physics department CIB, Lahore</td>
<td>Dr. Syed Javeed Iqbal</td>
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<td>Mixed-synthetic powers of monomeric ideal of a graph and its persistence property</td>
<td>Dr. Muhammad Naem</td>
<td>Computer Science</td>
<td>21-05-2012</td>
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<td>Bio-reduction of N-Methylated Carboxylates by using bacterial enzymes</td>
<td>Dr. Syed Tahoor Alam Naqui</td>
<td>Environmental Sciences</td>
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<td>Synthetic characterization and anti-cancerous activities of bis-luminophores gold nanoparticles</td>
<td>Dr. Ammar Mumtaz</td>
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<td>Genetic: an environmental determinants for susceptibility to osteoporosis in Pakistan</td>
<td>Dr. Ramila Shabih</td>
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<td>Electromagnetic Field Simulations in RF Cavities</td>
<td>Dr. Abhide Blatt</td>
<td>Physics</td>
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<td>Development of polymeric adsorbent for the selective removal of heavy metal ions from waste water</td>
<td>Dr. Syed Taqse al sharai</td>
<td>Chemistry</td>
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<td>Synthesis and characterization of low dimensional multilayered structures</td>
<td>Dr. Muhammad Idrees</td>
<td>Physics</td>
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<td>Pez-enzyme catalyst for the biodegradation of organophosphorus chemicals</td>
<td>Dr. Syed Tahoor Alam Naqui</td>
<td>Environmental Sciences</td>
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<td>Soil bacterial productivity influenced by phosphates under agro-climatic conditions of Vanhan, Pakistan using simulation model</td>
<td>Dr. Wajid Nazam</td>
<td>Environmental Sciences</td>
<td>27-08-2012</td>
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<td>Synthesis and study of magnetic properties of rare earth based nano-composites</td>
<td>Dr. Muhammad Anwar Rehman</td>
<td>Physics</td>
<td>28-08-2012</td>
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<td>Graphene sensor for selective recognition of brucine</td>
<td>Dr. Usman Latif</td>
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<td>Indigenous development of injectable bioceramics for potential osto-eological application</td>
<td>Dr. Ghulam Abbas</td>
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<td>Fabrication, Characterization and applications of nanotechnology (ZnO, Silicon and graphene) to microencapsular environment</td>
<td>Dr. Muhammad Asif</td>
<td>Physics</td>
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<td>Ultrasound Meso-Multiplicity and Flow Studies Using ALCHEM/THICK/CRC</td>
<td>Dr. Asam Wali Rehman</td>
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<td>Development of Nanocomposite and functional study of interfacial phenomena in advanced fuel cell technology</td>
<td>Dr. Muhammad Alam</td>
<td>Biosciences</td>
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<td>Fabrication of quantum based electrochemical sensors</td>
<td>Dr. Waqas Khalid</td>
<td>Physics</td>
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<td>Characterization of Microwave Devices and Antenna Pattern Measurement in Anechoic Chamber</td>
<td>Dr. Salam Naeem Khan</td>
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<td>Investigation of thermal effects in liquid chromatography</td>
<td>Dr. Habib Shamsul Qamar</td>
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<td>Generalized family of Hyper geometric function distribution</td>
<td>Dr. Muhammad Quaiser Shabiruz</td>
<td>Mathematics</td>
<td>5/06/2012</td>
<td>In Process</td>
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<tr>
<td>Preparation of directly compressed sperulosin 10mg tablets and its pharmaco-stimulated study in local population</td>
<td>Dr. Shujat Ali Khan</td>
<td>Pharmaceutical Sciences</td>
<td>4/10/2012</td>
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<td>Development of Nanocomposite electrolytes and fundamental studies of interfacial phenomena in advanced fuel cell technology</td>
<td>Dr. Rizwan Reza</td>
<td>Physics</td>
<td>19-04-2012</td>
<td>In Process</td>
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<td>Clean energy future</td>
<td>Dr. Atti Hossain</td>
<td>Mathematics</td>
<td>27-04-2012</td>
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<td>Organic Functionalization of carbon nanotubes (CNTs) for improve mechanical strength of HA/ Polyurethane composites for osteological applications</td>
<td>Dr. Sobia Tassum</td>
<td>BICBM</td>
<td>12/10/2012</td>
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<td>Evaluation and the potential use of selected biogas-waste materials for the simultaneous removal of amine and fluoride from groundwater</td>
<td>Dr. Abida Farooqi</td>
<td>Biosciences</td>
<td>12/10/2012</td>
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<td>Establishment of basic research infrastructure</td>
<td>Dr. Muhammad Abb</td>
<td></td>
<td>12/10/2012</td>
<td>In Process</td>
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<tr>
<td>TQM as strategic choice to boost operational and organizational performance: a case study of public sector hospitals in Pakistan</td>
<td>Dr. Syed Muhammad Irfan</td>
<td>Mathematics</td>
<td>22-16-2012</td>
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<td>Mazza stemworts: determination possibilities of adopting a novel &quot;Puch-Pull&quot; Pest management technology under the climatic conditions of Hazara sector</td>
<td>Dr. Khawaja Farooq Alam</td>
<td>Environmental Sciences</td>
<td>22-10-2010</td>
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<tr>
<td>Analysis of Phosphorus flows and budget at regional scale in cotton-wheat zone of Punjab, Pakistan. Better agricultural production and environmental sustainability</td>
<td>Dr. Muhammad Nadeem</td>
<td>Environmental Sciences</td>
<td>19-10-2012</td>
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<td>Characterization and recycling of solid waste compound for Nutrient and heavy metal availability and their impacts on crop productivity</td>
<td>Dr. Faridullah</td>
<td>Environmental Sciences</td>
<td>18-10-2012</td>
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<td>Improving properties of silicon isolating rubber using Nano fillers</td>
<td>Dr. Muhammad Amin</td>
<td>Electrical Engineering</td>
<td>30-16-2012</td>
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<td>Identification and characterization of salt resistance zones in Pina (Pison Spinum) crop</td>
<td>Dr. Sabah Ali Khan</td>
<td>Environmental Sciences</td>
<td>30-16-2012</td>
<td>In Process</td>
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<td>Financial Development Economic Growth and financial crises in Pakistan</td>
<td>Dr. Nooren Ahmad</td>
<td>Management Sciences</td>
<td>USAID (Pakistan Strategy Support Program, PSSPI)</td>
<td>In Process</td>
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<td>Molecular and biological characterization of gold silver alloy nanoparticle</td>
<td>Dr. Ahsan Naem</td>
<td>Biosciences</td>
<td>23-11-2012</td>
<td>In Process</td>
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<td>Development of microfluidic electrochemical system for the conversion of carbon dioxide into chemical fuelstock</td>
<td>Dr. Robina Faqsoq</td>
<td>Chemical Engineering</td>
<td>23-11-2012</td>
<td>In Process</td>
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<td>Research, infrastructure and human resource development in Pakistan for cyber physical systems</td>
<td>Dr. Sajjad Ahmad Madani</td>
<td>Computer Science</td>
<td>Pak-US Joint Research</td>
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<td>Molecular approach for the diagnostic, management and treatment of ciliopathies in Pakistan</td>
<td>Dr. Rubiel Qamar</td>
<td>Biosciences</td>
<td>Pak-US Joint Research</td>
<td>In Process</td>
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<td>Synthesis and biological evaluation of affordable scaffolds for prenatal bone regeneration applications</td>
<td>Dr. Arif Anver Ch</td>
<td>BICBM</td>
<td>Pak-US Joint Research</td>
<td>In Process</td>
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<td>Identifying Trypanosyn synthesis inhibitors to combat tuberculosis and food borne disease (salmonellosis) A combined in silicon and in vitro approach</td>
<td>Dr. M. Qasir Fatmi,</td>
<td>Biosciences</td>
<td>Pak-US Joint Research</td>
<td>In Process</td>
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<td>Food-borne illness control by functionalized nano bioldeco: Synergistic mechanism of bactericid and immunically active nanoparticle with eco-friendly controlled delivery system</td>
<td>Dr. Muhammad Imran</td>
<td>Biosciences</td>
<td>Pak-US Joint Research</td>
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<td>Targeting low- and low-thoracic groundwater for reducing exposure in rural Punjab, Pakistan</td>
<td>Dr. Abida Farooq</td>
<td>Biosciences</td>
<td>Pak-US Joint Research</td>
<td>In Process</td>
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<td>Use of RNAi to Develop resistance in Banana against Bacterial bunch Brown to viatron infection</td>
<td>Dr. M Zeeshan Hyder</td>
<td>Biosciences</td>
<td>ISESCO-COMSTECH</td>
<td>Directly submitted</td>
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<td>Expression analysis of heat-shock related genes in local rice cultivars of Pakistan</td>
<td>Dr. Tasyaba Yasmin</td>
<td>Biosciences</td>
<td>ISESCO-COMSTECH</td>
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<td>Development of an integrated system for studying lectin and glycoprotein for rapid detection of pathogens</td>
<td>Dr. Syed Habib Bokhari</td>
<td>Biosciences</td>
<td>ISESCO-COMSTECH</td>
<td>Directly submitted</td>
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501. Study of uplift history of northern areas of Pakistan using fission track dating.
   Dr. Arif Ahmad Qureshi
   Physics
   HEC
   13-02-2013
   In Process

   Dr. Waqar Ahmad
   Physics
   HEC
   12/7/2012
   In Process

503. The effects of quality of miniaturization on user satisfaction and building costs for institutional building. Post occupancy evaluation of three buildings.
   Arch. Uma Noreen Zain
   Architecture
   HEC/FFHP
   9/9/2011
   In Process

504. The line as the most powerful tool for communication in visual art.
   Dr. Nargis Khalid
   Architecture
   HEC/FFHP
   4/3/2011
   In Process

505. Impact of microcredit programs on social capital.
   Dr. Rashid Saeed
   Management Sciences
   HEC (NRPU)
   18/02/2013
   In Process

506. Grant for Maintenance of Scientific Equipments.
   Dr. Muhammad Bilal
   Environmental Sciences
   HEC
   13/12/2012
   In Process

507. Climatic water birds at biodiversities of environmental pollutants exposures in industrial zones of Pakistan.
   Dr. Nazish Bostan
   Biosciences
   IFS
   24/01/2013
   In Process

508. Synthesis and characterization of biodegradable nanocomposites for commercial food packaging application.
   Dr. Farad Marood
   Biosciences
   IFS
   24/01/2013
   In Process

509. Development of novel ion exchange resin for arsenic removal from contaminated water.
   Dr. Syed Tajdar A. Shezai
   Chemistry
   IFS
   24/01/2013
   In Process

   Dr. Muhammad Imran
   Biosciences
   IFS
   26/01/2013
   In Process

511. Plant growth promoting rhizobacteria emerge in bioremediation of heavy metal contaminated soil for sustainable agriculture.
   Dr. Kuran Manz
   Biosciences
   IFS
   24/01/2013
   In Process

   Dr. Mohammad Aliq RehmanTarig
   Civil Engineering
   IFS
   23/01/2013
   In Process

513. Review/feasibility/awareness of renewable energy sources/biogas from waste vegetables and solid waste waste in major cities of Pakistan.
   Ahsan Jahbar Shahid
   Chemistry
   IFS
   27/01/2013
   In Process

514. Persistence of organo-polymers (OPPs) using new fingerprinting from India river. Pakistan.
   Dr. Syed Ali Masood Ali Shah Rehman
   Biosciences
   IFS
   24/01/2013
   In Process

515. Exploiting unique genetic diversity: knocking gene targets.
   Dr. Sumaira Faruqui
   Biosciences
   IFS
   24/01/2013
   In Process

516. Deciphering role of histone H3 lysine demethylases in drought stress adaptation of maize.
   Dr. Sarfaraz Shafiq
   Environmental Sciences
   IFS
   24/01/2013
   In Process

517. Nanotechnology offers an alternative to forested hardwood synthesis of functional nanocomposites and their application in biothanol production from lignocellulosic wastes.
   Dr. Bilal Ahmad Zafar Anwar
   Environmental Sciences
   IFS
   27/01/2013
   In Process

518. Utilization of complex network of microbial interactions for mobilization of soil phosphorus in inaccessible for plant growth.
   Dr. Usman Iqbal
   Environmental Sciences
   IFS
   23/01/2013
   In Process

   Dr. Romana Khan
   Environmental Sciences
   IFS
   24/01/2013
   In Process

520. Industrial wastewater treatment with plant based bioremediants.
   Dr. Tysyab Ashfaq
   Civil Engineering
   IFS
   24/01/2013
   In Process

521. PV Solar power-a Model demonstration at COMSATS (Vehar Campus) to mitigate the impact of climate change.
   Dr. Umar Nazir
   Environmental Sciences
   Innovation Development Fund Program (Punjab)
   26/02/2013
   In Process

522. Biogas Production from solid waste and crop drip irrigation. A combined Model project.
   Dr. Muhammad Shahid
   Environmental Sciences
   Innovation Development Fund Program (Punjab)
   26/02/2013
   In Process

523. Multivariate Peculey weedball distribution with application.
   Dr. Samara Shabir
   Mathematics
   HEC (NRPU)
   54/12/2013
   In Process

524. Synthesis of third generation silica-based biomedical material for accelerated b osteomineralization.
   Dr. Aamir Tufail Shah
   BCBM
   HEC (NRPU)
   5/3/2013
   In Process

525. Fabrication and analysis of direct electro/loaded thermo sensitive hydrogel suppository.
   Dr. Ghulam Mustafa
   Pharmaceutical Sciences
   HEC (NRPU)
   4/3/2013
   In Process

526. Synthesis of chemically modified polymers membranes for biogas purification and natural gas separation.
   Dr. Asma Laisa Khan
   Chemical Engineering
   PAF
   7/3/2013
   In Process

527. Use of Biochar for improving group productivity and carbon sequestration.
   Dr. Abrar Hussain
   Biosciences
   Innovation Development Fund Program (Punjab)
   26/02/2013
   In Process

528. Pilot scale development of clean bone fillers for improved orthopedic health.
   Dr. Asif Aswanj Ch.
   BCBM
   Innovation Development Fund Program (Punjab)
   8/3/2013
   In Process

529. Synthetic of a novel indigenous dental restorative material.
   Dr. Abdul Samad Khan
   BCBM
   Innovation Development Fund Program (Punjab)
   8/3/2013
   In Process

530. Biodegradable bandages for burn patients assisting in skin grafting.
   Dr. Rashid Anwar
   BCBM
   Innovation Development Fund Program (Punjab)
   8/3/2013
   In Process

531. Agruscience, design and development of computerized system for detection and assessment of fruitfully attack.
   Dr. Aamir Farooq
   Computer Science
   Innovation Development Fund Program (Punjab)
   26-02-2013
   In Process

532. An evaluation of socio-economic and environmental impact of utilizing biogas in a selected rural area of Jhelum.
   Dr. Salam Ahmad Shah Bohari
   Biosciences
   Innovation Development Fund Program (Punjab)
   26-02-2013
   In Process

533. Center of excellence for analysis of pharmaceuticals.
   Dr. Naseer Ur Rehman
   Pharmaceutical Sciences
   Innovation Development Fund Program (Punjab)
   1/3/2013
   In Process

534. Annual powered turbine driving system.
   Dr. Muhammad Nadrez Bohri
   Management Sciences
   Innovation Development Fund Program (Punjab)
   4/3/2013
   In Process

535. Engaging media to streamline maternal and newborn health (MNH) care in Karsa.
   Dr. Imran Ali
   Management Sciences
   Innovation Development Fund Program (Punjab)
   4/3/2013
   In Process

   Dr. Ghulam Majuba
   Electrical Engineering
   Innovation Development Fund Program (Punjab)
   1/3/2013
   In Process

537. High Efficiency sub-irrigation at form scale.
   Dr. Hassan Abbas
   Civil Engineering
   Innovation Development Fund Program (Punjab)
   28-02-2013
   In Process

538. Cost effective juice processing with improved water quality.
   Dr. Zafar Iqbal Bhatti
   Environmental Sciences
   Innovation Development Fund Program (Punjab)
   1/3/2013
   In Process

539. Remote sensing of snow and glacier cover and quality.
   Dr. Ahmed Ahmad Tahir
   Environmental Sciences
   Innovation Development Fund Program (Punjab)
   1/3/2013
   In Process

   Ms. Umaima Imtiaz
   Computer Science
   Innovation Development Fund Program (Punjab)
   4/3/2013
   In Process

541. Improvement in Sweetpotato (Ipomoea Batatas L.) photosynthetic efficiency via genetic transformation.
   Dr. Raza Ahmad
   Environmental Sciences
   ISESCO-COMSTECH
   23-01-2013
   In Process
545. Nano-edible natural antimicrobials to control food-borne infections prevalent in developing countries
Dr. Muhammad Imran
Biosciences
ISESCO-COMSTECH
30-01-2013
In Process

546. The effects of nisatine and arsenic on gene expression in apiaceae tissue of cheat barley
Dr. Asad Nazem
Biosciences
ISESCO-COMSTECH
30-01-2013
In Process

547. A baseline study for the detection of hepatitis C virus in intra venous drug abusers from Pakistan
Dr. Nazir Bostan
Biosciences
ISESCO-COMSTECH
30-01-2013
In Process

548. Understanding the climatology, cryosphere and River flow relationship in a snow and glacier fed river basin (Karakoram-Northern Pakistan) using satellite remote sensing- key to Indus river flow management
Dr. Adnan Ahmad Tahir
Environmental Sciences
ISESCO-COMSTECH
30-01-2013
In Process

549. Mechanism involved in the desorption of copper and lead by filamensous fungi
Dr. Kesar Munir
Biosciences
ISESCO-COMSTECH
30-01-2013
In Process

550. Identification of drought responsive microRNAs in wheat by high throughput sequencing
Dr. Irfan Sadqi
Biosciences
ISESCO-COMSTECH
30-01-2013
In Process

551. Co-expression of Atb1 and AtbP1 gene using dicentric vector system for the enhancement of salinity and drought tolerance in transgenic plants
Dr. Zehid Ali
Biosciences
ISESCO-COMSTECH
30-01-2013
In Process

552. The occurrence and distribution of papaya striprot focus in Pakistan and its management strategy
Dr. Saadka Nazem
Biosciences
ISESCO-COMSTECH
30-01-2013
In Process

553. Integrating ICT in teaching sciences in religious schools in Islamabad
Dr. Fayyaz Ahmad Fiaz
Humanities
30-01-2013
In Process

554. Photochemical investigation and biological activities of petroleum creosote & lignite deposits
Dr. Umar Farooq
Chemistry
ISESCO-COMSTECH
30-01-2013
In Process

555. Use of technology in the classroom
Dr. Abasir Bashir
Humanities
HEC
117/2013
In Process

556. Functional characterization of BES Elements (Internal Ribosome Entry site) against bactria/abiotic stresses in plants
Dr. Saadka Nazem
Biosciences
HEC
13-03-2013
In Process

557. Franz cell of deformable simplexes and multisolids
Dr. Irun Amor
Mathematics
HEC
13-03-2013
In Process

558. A facile enantiomeric synthesis of (+)-(-) R-
Dr. Ademr Mahmood
Chemistry
ISESCO-COMSTECH
14-03-2013
In Process

559. Pakistan Policy Mapping study
Dr. Qimat Ali
Management Sciences
ISESCO-COMSTECH
14-03-2013
In Process

560. Indigenous development of injectable bioceramics for potential osteological applications
Dr. Gilham Abbas
BCIRM
14-03-2013
In Process

561. Digital watemarking in multimedia domain using cross-authentication for 4-tier integrated security
Dr. Irun Usman
CAST
20-03-2013
In Process

562. Synthesis and anti-malarial screening of B-Peptides
Dr. Muhammad Arfan
Chemistry
HEC
21-03-2013
In Process

563. Drug expression of carotenoid cleavage enzyme 7 (CCD7) in Rice (Oryza Sativa L) to improve phosphorus uptake efficiency
Dr. Muhammad Jamil
Biosciences
HEC
26-03-2013
In Process

564. Remote sensing of cryosphere and hydrological modeling of upper Indus and Jhelum River basins under future climate variability key for water resources management at Tarbela and Mangla Dams
Dr. Adnan Ahmad Tahir
Environmental Sciences
HEC
29-03-2013
In Process

565. Adapted greedy string fitting (aGSR) Algorithm for papayas tree plantation detection
Dr. Rau Muhammad Adel Nawab
Computer Science
HEC
29-03-2013
In Process

566. Socio-economic challenges after US/NATO exit from Afghanistan: The impact on Pakistan
Dr. Maqboolul Haun Nari
Center for Policy Studies
HEC
1/2/2013
In Process

567. Low cost hinged production and wastewater treatment by using macrolizes
Dr. Nazir Rashid
Environmental Sciences
HEC
2/4/2013
In Process

568. Process optimization for recombinant carotenoid cleavage dioxygenase 7 (CCD7) expression in pumism solvent L to improve phosphorus uptake efficiency and plant growth promotion
Dr. Zahid Ali
Biosciences
HEC
2/4/2013
In Process

569. Risk assessment of campylbacteria and salmonella adriber (locks by direct PCR from bootsworks & control through modification in existing food supply
Dr. Zobuz Noren
Biosciences
HEC
8/5/2013
In Process

570. Effects of airborne exposure on antioxidant enzymes in female rats a dose dependent study
Dr. Zarosha Ailem
Biosciences
HEC
8/4/2013
In Process

571. Spectral solution of the boundary value problem arising in human physiology
Dr. Manzoor Ahmad Zahid
Computer Science
HEC
9/4/2013
In Process

572. Biosynthesis and characterization of manganese (Mn)-TiO2 nanotubes for treating water pollutants
Dr. Marie Siddique
Environmental Sciences
HEC
8/4/2013
In Process

573. Exploring genotopic potential of herbs commonly used indial and its medicinal importance
Dr. Gilham Abbas
Pharmaceutical Sciences
HEC
17/4/2013
In Process

574. Intelligent Generation of Stereoscopic images using monoscopic images
Dr. Irun Usman
Center for Advanced Studies
HEC
17/4/2013
In Process

575. Mineral crowd-behavior detection for time varying moving sequences in Public Spaces
Dr. Irun Usman
Center for Advanced Studies
HEC
22-04/2013
In Process

576. Energy access impact assessment of industrial units operating informally: the case of Industrial cities of Pakhan
Dr. Bidal Meza
Center for Policy Studies
HEC
30-04-2013
In Process

577. Evaluation of coping strategies employed by the microfinance clients for idiosynкратive and covariate shocks
Dr. Muhammad Ali Qamar
Management Sciences
HEC
26-04-2013
In Process

578. A survey of implementation of activity-based costing in the power sector of Pakistan
Dr. Rashid Saraf
Management Sciences
HEC
6/5/2013
In Process

579. Thermo stability and thermost activity of lyophlated synthetics: an in silicone study
Dr. Muhammad Qaiser Faumi
Biosciences
HEC
20-05-2013
In Process

580. Optimization of Institutional portfolio investments
Mr. Sayed Muhammad Al Tariq
Management Sciences
HEC
17-6/2013
In Process

581. Analyzing the extent of using computer support for decision making in various industries of Pakistan
Dr. Yassr Sared
Management Sciences
HEC
17-6/2013
In Process

582. Estimation of farm level technical efficiency in maize decision making in various industries of Pakistan
Dr. Muhammad Arfan
Management Sciences
HEC
17-6/2013
In Process

583. Development of new estimators in the presence of Non-Response using Multi-Auxiliary variables with application
Dr. Muhammad Islamil
Statistics
HEC
17-6/2013
In Process

584. Y-Flow of Non-Newtonian Nat fluids
Dr. Muhammad Ascas
Mathematics
HEC
17-6/2013
In Process

585. Identification of potential drug target in obese rural patients and in silicon discovery of their potential inhibitors
Dr. Aish Nazem
Biosciences
HEC
24-6/2013
In Process

586. Synthesis, characterization and biological evaluation of 2-pyran derivatives as selective cyclooxygenase inhibitors
Dr. Amara Mumtaz
Chemistry
HEC
24-6/2013
In Process

587. Sensitivity, characterization and biological evaluation of BRACO-19 based soluble FLUOROPHORES: Application as specific probes for biomarkers
Dr. Taraj Mahmood
Chemistry
HEC
24-6/2013
In Process

588. Synthesis and biological screening of B-peptides analog of Neotensin NT (8-13)
Dr. Muhammad Arfan
Chemistry
HEC (NRPU)
24-6/2013
In Process

589. Optimization and implementation
Dr. Muhammad Zubair
Biosciences
HEC (NRPU)
25-6/2013
In Process

590. Towards the formulation of third generation photomonicts for targeted photodynamic therapy of cancer
Dr. Zafar Iqbal
Chemistry
HEC (NRPU)
28-5/2013
In Process
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<th>End Date</th>
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<td>Confirmation of Effect of a Herbal Medicine against Hepatitis C Virus Infection</td>
<td>Dr. Saloom Ahmed Shah Bukhari</td>
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<td>HEC (NRPU)</td>
<td>24-06-2013</td>
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<td>Connectivity optimization under microscopic parameter for VANET</td>
<td>Dr. Tariq Umer</td>
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<td>HEC (IPFP)</td>
<td>14-06-2013</td>
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<td>Comparing tests for heterokinetomy using agar paper</td>
<td>Dr. Mumtaz Ahmed</td>
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<td>HEC (IPFP)</td>
<td>18-06-2013</td>
<td>In Process</td>
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<td>Kinetic study of fission products, activation product for reactor transient conditions</td>
<td>Dr. Khurram Mehboob</td>
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<td>Physics</td>
<td>HEC (IPFP)</td>
<td>21-06-2013</td>
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<td>Numerical based on the effect of surfactants on the formation and evolution of capillary waves and of capillary gravity waves</td>
<td>Dr. Ayesha Sohail</td>
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<td>Mathematics</td>
<td>HEC (IPFP)</td>
<td>18-06-2013</td>
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<td>Design construction and testing of high pressure Xenon detector</td>
<td>Dr. Umer Tabassum</td>
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<td>Physics</td>
<td>HEC (IPFP)</td>
<td>21-06-2013</td>
<td>In Process</td>
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<td>Bioactivity guided isolation of secondary metabolites from quercus incana and verbascum dspens</td>
<td>Dr. Umar Farooq</td>
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<td>Chemistry</td>
<td>PSF</td>
<td>18-06-2013</td>
<td>In Process</td>
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<td>Study of growth/habitat shift behaviors using intracellular atomic media</td>
<td>Dr. Syed Qamar</td>
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<td>Physics</td>
<td>HEC (IPFP)</td>
<td>24-06-2013</td>
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<td>Multimedia Computing development of thematic research and educational program PPCR</td>
<td>Dr. Naqvi Min Allah</td>
<td></td>
<td>Computer Science</td>
<td>HEC (IPFP)</td>
<td>27-10-2011</td>
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<tr>
<td>Automated Indoor Mapping &amp; Tagging of different Room Types (Classrooms, Labs etc.)</td>
<td>Dr. Qaiser Baig</td>
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<td>Computer Science</td>
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<td>29-08-2016</td>
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<td>Synthesis and correlation of electrical and magnetic properties of phase pure and doped nano ferrites with temperature</td>
<td>Dr. Muhammad A. n. Rihman</td>
<td></td>
<td>Physics</td>
<td>COMSTEC TWAS</td>
<td>30-08-2013</td>
<td>In Process</td>
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<td>Novel Policy Mapping Study</td>
<td>Dr. Qasim Arshad</td>
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<td>Management Sciences</td>
<td>HEC</td>
<td>14-5-13</td>
<td>In Process</td>
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<td>Near Generation Mixed Metal Membranes for CO2 Separations aimed at Energy &amp; issues</td>
<td>Dr. Asim Laeeq Khan</td>
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<td>Chemical Engineering</td>
<td>HEC</td>
<td>18-4-13</td>
<td>In Process</td>
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<td>Evaluating Photodynamic Activity of Fruits and Organic Matter</td>
<td>Dr. Zafar Iqbal</td>
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<td>Chemistry</td>
<td>HEC</td>
<td>4/6/2013</td>
<td>In Process</td>
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<td>Synthesis Characterization and biological evaluation of 2-pyril derivatives as selective cytochrome p450 inhibitors</td>
<td>Dr. Amara Mumtaz</td>
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<td>Chemistry</td>
<td>HEC</td>
<td>24-6-13</td>
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<td>Providing Scientific Evidence To The Folklore</td>
<td>Dr. Ghulam Abbas</td>
<td></td>
<td>Pharmaceutical Sciences</td>
<td>HEC</td>
<td>28-6-13</td>
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<td>Development of Alpha Malekbanichans as Potential Drugs for the treatment of diabetes complications</td>
<td>Dr. Jamshad Iqbal</td>
<td></td>
<td>Pharmaceutical Sciences</td>
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<td>28-6-13</td>
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<td>New Drug Development for Scabies</td>
<td>Dr. Wajahat Pashaoo</td>
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<td>Pharmaceutical Sciences</td>
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<td>Novel Synthetic Approaches Toward Indole Scaffolds</td>
<td>Dr. Sohail Anjum Shahzad</td>
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<td>HEC</td>
<td>28-6-13</td>
<td>In Process</td>
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<td>Establishment of Intracitral Corridors and Office Based Measurements Facilities To Promote Biomedical Research In the Country</td>
<td>Dr. Abdul Jabbar Shah</td>
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<td>Pharmaceutical Sciences</td>
<td>HEC</td>
<td>28-6-13</td>
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<td>Synthesis of 4-1,3-Dioxolane 4,6-Dihydroxaldehyde Pyrazole for Iterative Homologation of Boronic Esters</td>
<td>Dr. Adnan Mahmood</td>
<td></td>
<td>Chemistry</td>
<td>HEC</td>
<td>28-6-13</td>
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<td>Synthesis and characterization of New dopant for CN-X</td>
<td>Dr. Adnan Mahmood</td>
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<td>HEC</td>
<td>28-6-13</td>
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<td>Molecular and Structural Characterization of 2-furoyl 4-pyridone</td>
<td>Dr. Jawad Akhtar</td>
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<td>Physics</td>
<td>HEC</td>
<td>28-6-13</td>
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<td>Development of; Stable High Efficiency Polymer Electrolyte Membranes for Fuel Cells Applications</td>
<td>Dr. Syed Tausaf Ali Sheraati</td>
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<td>Chemistry</td>
<td>HEC</td>
<td>28-6-13</td>
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<td>Electrochemistry Investigation of the Chemical Composition of the Fungi of Pakistan and Their Biological Activities</td>
<td>Dr. Ahsan Khan</td>
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<td>Chemistry</td>
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<td>Use of Banana Waste Flour As A Value Added Product</td>
<td>Dr. Arif Hussain</td>
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<td>Chemistry</td>
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<td>28-6-13</td>
<td>In Process</td>
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<td>Aluminum Mechanical Investigation on Acceleration of Electrolytic Reaction Through Transition Metal Catalyst</td>
<td>Dr. Khurshid Ayub</td>
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<td>Cytotoxic effects of developing new Antimicrobial Agents Based on &quot;Medically Privileged Novel Schiff Bases, Their Metal (II) Complexes and Suzuki-Miyaura Derivative of Indenofluorene Diones</td>
<td>Dr. Arif Haider</td>
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<td>Radio-Frequency Plasma As A Sterilization Source</td>
<td>Dr. Najeeb ur Rahman</td>
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<td>Design, Characterization and Applications of Various Miltonical and Ultraviolet Nanoparticles</td>
<td>Dr. Muhammad Waseem</td>
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<td>Pharmaceutical Sciences</td>
<td>HEC</td>
<td>28-6-13</td>
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<td>Biophysical and Pharmacological Analysis of the Folklore Medicinal Plants for Nicotine Sensitization, Dependence and Withdrawal</td>
<td>Dr. Khurshid Ayub</td>
<td></td>
<td>Pharmaceutical Sciences</td>
<td>HEC</td>
<td>28-6-13</td>
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</table>
14] Electrochemical and Biological Studies of Gold Nanoparticles for Cancer Treatment and Detection

15] Low Temperature Methane Oxidation Using Metallic Catalysts and Zeolites

16] Rare Earth Lanthides And Actinides Potential Modifiers of Photo-switching Properties: A Theoretical Approach

17] Development of Novel Functionalized Multifunctional Salts and Their Complexes As Potential Anticancer Drugs

18] The Effect of Vacuum Distillation Method On The Essential Oil Contents of Different Rose Varieties (Energy Efficient Vacuum Distillation of Rose Flowers)

19] Efficient Synthesis of Functionalized Heterocyclic Carbazole Precursors Their Applications As Catalysts and Potential Anticancer Agents

20] Development of Perspective Filter using Adsorbed Adsorbent Media For The Removal of Arsenic From Drinking Water

21] University Industry Collaboration: Bridging the Gap Between Academia and Industry

22] Treatment of Youth Depression through Cognitive Behavioral Therapy: A Scientific Study for Attock District

23] Optimization of Zeb 1.5D (33% based cadmium for enhanced energy storage in Li ion battery cell

24] Analysis of Hermetic Permeation Propagation in Pakistan, Epidemiology and Disease Burden

25] Screening of Antibiotic Producing Rhizobacteria from different Comprising System of Pakistan To Develop An Effective Biopesticide

26] Bioreactor guided isolation and structure elucidation of toxocadin from urtica dioica and viscum aestival

27] Development of Indigenous Sandwich ELISA For The Detection of Foot and Mouth Disease Virus (FMV)

28] Molecular Diagnosis of Plant Vireuses

29] Analysis of Metal Resistance in PGPR A Proteomic Approach

30] Adverse Effects of Oral Contraceptive on Reproductive Health of Young Female Rats

31] Transport and Magnetic Properties of Graphene

32] Biological Control of stripe rust of wheat using endophytic bacteria in pakistan

33] Development of Antibacterial Dental Adhesives

34] Development of Novel Functionalized Imidazolinium Salts and Their Complexes As Potential Anticancer Drugs

35] Time Interactive Application

36] Are Radical Cations/Anions Are Potential Modulators Low Temperature Methane Oxidation Using Metallic Nanoparticles for Cancer Treatment and Detection

37] Electrochemical and Biological Studies of Gold Nanoparticles for Cancer Treatment and Detection

38] Low Temperature Methane Oxidation Using Metallic Catalysts and Zeolites

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43] Development of Perspective Filter using Adsorbed Adsorbent Media For The Removal of Arsenic From Drinking Water
Development of Iterative Techniques for the nonlinear problems arising in applied sciences  
Dr. Muhammad Waseem  
Mathematics  
HEC(IPFP)  
12/9/2013  
In Process

Physical process near Noncommutative black holes  
Dr. Ghulam Abbas  
Mathematics  
HEC(IPFP)  
13-09-2013  
In Process

DNA Barcoding based ethno-botanical study of indigenous medicinal plants in thundurai region of Abbottabad district  
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12/9/2013  
In Process

Admission control for congestion control mechanism  
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CAST  
HEC(IPFP)  
12/9/2013  
In Process

Contaminated drinking water and cost of illness  
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HEC  
1/8/2013  
In Process

Does interleukin IL-6 (IL-6) pretreatment alter ras mesenchymal stem cell (MSC) representative potential  
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HEC(IPFP)  
10/9/2013  
In Process

Exploration of distance learning skills among students enrolled in online programs at CUIT Virtual campus  
Dr. Arshad Bashir  
Virtual Campus  
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18-09-2013  
In Process

A Conformal Computational and Experimetal Approach To Develop Nanoparticles Multifunctional Anticancer Peptide Drug Delivery System  
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HEC  
1/7/2013  
In Process

Problem and prospect of undergraduate research in universities: A preliminary phase for promoting undergraduate research in the Pakistan  
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HEC  
1/7/2013  
In Process

Urban search and rescue in natural disasters using unmanned aerial vehicle (UAVs)  
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HEC  
26-09-2013  
In Process

Impact of arsenic and fluoride contamination in Pakistan  
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HEC  
2/9/2013  
In Process

Novel Biodegradable Hybrid Nanocomposites as surgical fixation devices  
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BCBM  
HEC  
3/10/2013  
In Process

Preparation and characterization of an effective photolys拥有 for the efficient killing of the cancer cells  
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BCBM  
HEC  
3/10/2013  
In Process

Identification metal self-assemble of polymers polyphenylolitetracene adsouts and their drug delivery assessment  
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HEC  
3/10/2013  
In Process

Ethnobotanical and antidiabetic activity of cyamopsis tetragonolobus (Himalaya silver fud; Gobin a common edible fruit of lesser Himalayan-Pakistan)  
Dr. Arshad Mehmood Alhasi  
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HEC  
12/9/2013  
In Process

Improvement of potato plant productivity by Engineering Cystathionase Glicysulf Catabolism pathway  
Dr. Raza Ahmad  
Environmental Sciences  
HEC  
10/10/2013  
In Process

Savings-Investment behaviors, an investigation for Pakistan  
Dr. Iram Khan  
Management Sciences  
HEC  
10-10/2013  
In Process

Impact of High performance work systems interaction and performance in Higher education sector  
Dr. Omar Sadaq Paracha  
Management Sciences  
HEC  
7/10/2013  
In Process

Impact of Non-coding RNA in Bladder Cancer patient  
Dr. Samia Ferw  
Biosciences  
HEC  
31-10-2013  
In Process

Extraction of Natural polymers for organic hydrogen production  
Dr. Rashid Annu  
BCBM  
HEC  
28-10/2013  
In Process

Assessment of Heavy metal and metalloid contamination speciation at Lal Suhanra Biosphere Reserve, Pakistan  
Dr. M. Shahid  
Environmental Sciences  
HEC  
25-10/2013  
In Process

Analysis and modeling chaos in Non-linear systems  
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Physics  
HEC  
11/11/2013  
In Process

Study of the effect of IC2 targets in the interaction with intense antiproton and ion beams  
Dr. M. Humaan Younis  
Physics  
HEC  
11/11/2013  
In Process

Community Empowerment: Assessment of Community driven projects under devolution plan  
Dr. M. Shahil Ahmad  
Management Sciences  
HEC  
12/11/2013  
In Process

Assessment of agricultural soil quality in relation to heavy metals contamination of food-chain  
Dr. M. Shahil Ahmad  
Environmental Sciences  
HEC  
12/11/2013  
In Process

Estimation of DNA damage and Oxidative stress factors in cryopreservation of buffaloes semen for fertility enhancement of B. bubalis semen through artificial insemination and to assist Buffalo progeny testing programs (PTP) for its genetic improvement  
Dr. Ahmad Ali  
Biosciences  
HEC  
12/11/2013  
In Process

Building capabilities for molecular characterization and crop improvement of guayule (Euphorbia guai an) in甘肃  
Dr. Mehmood Braham  
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HEC  
12/11/2013  
In Process

Evaluation of Rs12p130 Activation as a new Biomarker for cancer diagnostics  
Dr. M. Saeed  
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13-11-2013  
In Process

Genes of best production trait in Nepal, Bhutan and Bhutan cattle breed of Pakistan  
Dr. Ahmad Al  
Biosciences  
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21-11-2013  
In Process

Investigation of biochemical and genotoxic effects of heavy metals on medicinal plants (Tagetes Species) using various biomarkers  
Dr. Irtin Shahzad  
Environmental Sciences  
HEC  
21-11-2013  
In Process

Plant of competitive advantage through supply development practices  
Dr. Anoo Rajput  
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25-11/2013  
In Process

Employee retention through delegative participation practices  
Dr. A. Khaliq Ahn  
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HEC  
25-11/2013  
In Process

Substitutes for leadership: obstacles or opportunities for the leaders  
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In Process

Extracting access permissions based specifications from Java Programs  
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HEC  
24-05-2013  
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