

Projects List

The following project are in progress at Physics Department, CIIT Lahore

S.NO	Project ID	Project Title	PI
01	NRPU-HEC	Fabrication of Nanocellulose and Conductive Polymer Based Flexible and Environmentally Safe Paper Electrodes for Development of Ener-gy Storage Devices Via Indigenous Resources	Dr. Aamir Razaq
02	NRPU-HEC	Study of charge transport properties of molecular devices	Dr. Abdul Sattar
03	NRPU-HEC	Development of magnetic nanostructure for energy efficient applications based on ultra strong permanent magnet and soft magnet	Dr. Yasir Rafique
04	NRPU-HEC	Study of Electrostatic modes in semiconductor Plasmas	Dr. Muhammad Jamil
05	SRGP-HEC	Synthesis and characterization of Silver nanoparticles by chemical reduction method	Dr. Arslan Usman
06	SRGP-HEC	Formation of microchannel for Microfluidic Devices on Polymers by Direct Laser Writing Technique	Dr. Muhammad Imran
07	SRGP-HEC	Synthesis and Characterization of Transition Metal Oxides Nanomaterials.	Dr. Hassan Mahmood
08	SRGP-HEC	Synthesis and electrical characterization of BiFeO ₃	Dr. Muhammad Idrees
09	SRGP-HEC	Development of nanocomposite materials for solid oxide fuel cells (SOFCs)	Dr. Ghzanfar Abbas
10	SRGP-HEC	Compact wide band planar antenna for navigation satellite system	Dr. Amna Mir
11	SRGP-HEC	Perameterization of potential model and propertied of conventional and hybrid bottomium mesons	Dr. Nosheen Akbar
12	SRGP-HEC	Development of flexible electrodes with conducting polymer nanocomposites for efficient high redox supercapacitor technology	Dr. Farah Alvi
13	SRGP-HEC	Fabrication of zinic oxide nanorods on waste paper-pulp fibres for development of low input voltage light emitting wallpaper to replace incandescent bulb	Dr. Aaamir Rzaak

14	SRGP-HEC	Structural and magnetic parameters of hexagonal ferrites for high frequency applications	Dr. Mukhtar Ahmad
15	SRGP-HEC	Synthesis & characterization of magnetic nanomaterials for antenna applications	Dr. Majid Niaz Akhtar
16	SRGP-HEC	Synthesis & characterization of magnetic nanoparticles and their medical applications	Dr. Akbar Ali
17	SRGP-HEC	ZnO/CuO nanostructure fabrication using low temperature techniques	Dr Muhammad Asif
18	SRGP-HEC	Electrochemical characterization of nanocomposite materials for energy devices	Dr Muhammad Ajmal Khan