

QUAID-I-AZAM UNIVERSITY ISLAMABAD
OFFICE OF RESEARCH INNOVATION & COMMERCIALIZATION
SUBMITTED RESEARCH PROJECTS AT Q.A.U

Department of Physics

S #	Name of Principal Investigator	Project Title	Funding Agency	Duration/initiation Date	Total Grant (Rs.)	ORIC Number
1	Dr. Raheel Ali	“Study of ions generated by single /double laser pulse induced plasma”	PSF	10-7-12 3 Years	1.981 million	Phy-0001
2	Dr. Ghulam Hassnain Jaffari	“In-situ film thickness monitoring for use in a sputtering system”	HEC	20-7-12 7 Months	0.5 million	Phy-0002
3	Dr. Majid Khan	“Determination of trajectories and diffusion coefficients of fast alpha particles in tokamak”	HEC	25-7-12 9 Months	0.5 million	Phy-0003
4	Dr. Shamona Fawad Qazi		HEC	16-11-11 3 Years	13 million	Phy-0004
5	Dr. Tasneem Zahra Rizvi	“Development of conducting polymer nanocomposites for energy application”	HEC	15-4-11 3 Years	10 million	Phy-0005
6	Dr. M. Sadiq	Study of ions generated by single /double laser pulse induced plasma”	PSF	10-7-12 3 Years	1.981 million	Phy-0006
7	Dr. Gul Rahman	First- Principles study of emerging materials	HEC	17-3-11 2 Years	3.524 million	Phy-0007
8	Dr. Muhammad Jamil	“The Investigation of Ferromagnetism in Rare Earth doped InN and ZnO based DMS”	HEC	03-03-2011 (3 years)	15 million	Phy-0008
9	Dr. Tasnim Azim	“Quantum Entanglement: Generation and Dynamics”	HEC	7-3-11 2 Years	2.934173 million	Phy-0009
10	Dr. Nawazish Ali Khan	“Raman Spectroscopy of $\text{Cu}_{0.5}\text{Tl}_{0.5}\text{Ba}_2\text{Ca}_2\text{Cu}_{n-1}\text{M}_x\text{O}_{2n+4-\delta}$ (M=Zn, Ni, Cd,	HEC	7-3-2011 (2 years)	6.5 million	Phy-0010

		n=2,3,4) Superconductors”				
11	Dr. M. Zakaullah	“i)Study of RF generated plasmas for characterization and application of active species, ii) Study of Physical Vapor Deposition of active substrates(of industrial interests)”	HEC	25-2-11 (3 years)	Rs.19.97 million	Phy-0011
12	Dr. Nawazish Ali Khan	“Dielectric properties of $\text{Cu}_{0.5} \text{Tl}_{0.5} \text{Ba}_2$ $(\text{Ca}_{n-1-x}\text{N}_x)(\text{Cu}_{n-y} \text{M}_y)\text{O}_{2n+4-\delta}$ [n=2, 3, 4, 5; 0.75, 1.0; N=0, Be, Mg; M=Zn, Ni, Cd, Ti] Superconductors”	PSF	16-4- 2012 (3 years)	2 million	Phy-0012
13	Dr. Ghulam Hassnain Jaffari		HEC	21-1-13 (3 Years)	17 million	Phy-0013