

**UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY  
PANJAB UNIVERSITY, CHANDIGARH**

**BIOTECHNOLOGY : LIST OF R & D PROJECTS (Completed)**

<b>S No.</b>	<b>Title</b>	<b>Duration</b>	<b>Details (Amount and funding agency)</b>	<b>Principal Investigator /Co-Principal Investigator</b>
1.	Studies on the signaling cross talk of ovarian steroids: Relevance to menstrual migraine	2010-2013	9.05 lakhs UGC	Prof. Sanjeev Puri
2.	Chemo enzymatic synthesis and antihypertensive activity of a new series of enantiopure dihydropyridines	2010-2012	1.75 lakhs UGC	Dr. Jaspreet Kaur Ms Anupreet Kaur
3.	Study on thermophysical properties of Nanofluids	2010-2012	1.6 lakhs Purse grant	Ms HemaSetia
4.	Characterization and Hydrodynamic study on Nanofluids	2011-2014	Rs. 10,75,800/- UGC	Ms. HemaSetia
5.	Regulatory Cross Talk Between Hepatocyte Nuclear Factor-1 Family of Transcription Factors and Polycystic Kidney Disease-1 (PKD-1) Gene: Understanding Autosomal Dominant Polycystic Kidney Disease.	2012 -2015	42.21 lakhs DBT	Prof. Sanjeev Puri
6.	Biotechnological approaches for improving rice crop productivity in saline regions of Punjab		Rs. 18,46,000/- DST	Dr AnuPriya Minhas
7.	Production, purification and application of bacterial laccases	2013-2016	16.5 lakhs DST Fast track	Dr. Gursharan Singh
8.	Synthesis and characterization of pharmacoologically important dihydropyridines		5 lakhs TEQIP-II	Dr. Jaspreet Kaur Ms Anupreet Kaur
9.	Synthesis and Characterization of Composite Polymeric Membranes	2013-2015	5.20 lakhs TEQIP-II	Ms. HemaSetia
10.	Identification and quantification of polyaromatic hydrocarbons from samples(soil, food, water and milk) in and around Chandigarh	2015-2016	70,000/- DST, Chandigarh	Dr. Jaspreet Kaur