

Heads of Expenditure

	Estimates for				
	2014-2015	2015-2016	Original	Revised	2017-2018
	Rs.	Rs.	Rs.	Rs.	Rs.
i) Project:- "Association of foot with footwear A forensic study based on characteristic impressions of soles on insoles of rubber slippers" w.e.f. 1.2.2009 to 31.07.2012, under Dr. Kewal Krishan, Deptt. Anthropology (Rs. 7,87,900/-).	0	0	0	98747	0
ii) Project :- " Search for mio- plocene Primates and other mammalia in the siwaliks of northwest India", w.e.f. 1.2.2011 to 31.7.2014 under Dr. Rajan Gaur Deptt. of Anthropology , (Rs. 11,66,000/-).	3216	0	0	62921	0
iii) Project :- "Evaluation of Gastrointestinal modulatory activity and antidotal Potential of the medicinal Plant (Datura species) Constitutents against or ganophoshate pesticide poisoning", w.e.f. 1.2.2009 to 31.7.2012 under Dr. S. Ojha Deptt. of Biochem (Rs. 11,11,800/-)	0	0	0	123845	0
iv) Project :- "Studies on the involvement of inflammation in Hippocampal dam(ut)4.19108(e)3.522i of inf(4D(R)0.33)(l)4.19108(m)28f(i)4.1910 E2787(i)4.1910889048(a), to 31.07.25424(D)-4.19108(r)-0.43424(. S)-3.5226(.)250TJ T(O)-4.19035(j)-7.71441(h)-4.19108(e).5705(-0.332787(i)4.19108(-)11.585684(t)4.19108(8f(.52405(h f)-e)3.52405					

PART I
EXPENDITURE
SCHEMES ETC.

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		Rs.	Rs.	Rs.	Rs.	Rs.

- viii) Project :- "Impact of certain native plantations on soil redevelopment carbon sequestration and biodiversity reconstruction on coal mine spoil : implications for ecological restoration of degraded lands", w.e.f. 1.2.2010 to 31.1.2013 under Dr. A. N. Singh, Department of Botany (Rs.6,70,333/-)

PART I
EXPENDITURE
SCHEMES ETC.

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xvi)	Project :- "Studies on Ion exchange resin catalyzed esterification reactions of permanganic acid with alcohols", w.e.f. 1.2.2010 to 31.1.2013 under Dr. Amrit Pal Toor Deptt. of Chem. Engg. & Tech., (Rs.13,16,084/-) .	0	0	0	70292	0
xvii)	Project:- "Synthesis characterization and reactivity of X-aryl and X,V-diaryl fluoroacetophenones",w.e.f. 1.5.2009 to 30.4.2012 under Dr. Tejvir Singh, Deptt. of Chemistry, (Rs. 10,42,000/-).	0	0	0	137369	0
xviii)	Project :- "Studies on novel silatranes", w.e.f. 1.5.2009 to 30.4.2012 under Dr. Gurjaspreet Singh, Deptt. of Chemistry, (Rs.8,63,239/-).	0	0	0	329154	0
xix)	Project :- "Synthesis characterization and application of nano size ferrites", w.e.f. 1.2.2010 to 31.1.2013 under Dr. Sonal Singhal, Deptt. of Chemistry, (Rs. 8,77,074/-).	0	0	0	276027	0
xx)	Project :- "Synthesis, structure and coordination chemistry of bivalent aryl heteroaryl selenium/tellurium compounds and their assimilation in micellar/microemulsion media", w.e.f. 1.2.2010 to 31.1.2013 under Dr. K.K. Bhasin, Deptt. of Chemistry, (Rs.7,29,300/-)	0	0	0	192000	0
xxi)	Project:- " Thermophysical and spectroscopic Properties of aqueous/ Non-aqueous mixtures of Ionic liquids", w.e.f.1.2.2011 to 31.1.2014 under Dr. Ganga R. Chaudhary,Deptt. of Chemistry (Rs.7,80,500/-).	8681	0	0	0	0
xxii)	Project :- " Assessment of environmental implication of on site sanitation systems on ground water quality in rural areas of Punjab", w.e.f. 1.2.2011 to 31.1.2014, under Dr. Suman Mor,Deptt. of Environment Studies, (Rs. 12,24,664/-, (, (, (dedG6.84932(G 70)-4.5J -169.68q432(ed)-0.3346((04.23233(R)-4.23233(242466(2)-6422(e.484932(4)-6d)-6.8493nLo)6.849360807ta 62					

PART I
EXPENDITURE
SCHEMES ETC.

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xxiv)	Project :- " Evaluation of chemical quality of groundwater in part of South West Punjab and adjoining areas of Haryana in relation to health hazards", w.e.f. 1.2.2011 to 31.1.2014 under Dr. Naval Kishore Deptt. of Geology, (Rs. 7,37,800/-).	0	0	0	33250	0
xxv)	Project :- " Development of 99 m TC-MAA - Cisplatin trimer for the detection of tumors in experimental model of lung abd colon carcinogenesis", w.e.f. 1.2.2011 to 31.1.2013 under Dr. Vijayta D. Chadha, Deptt. of Nuclear Medicine, (Rs. 2,00,000/-).	0	0	0	88571	0
xxvi)	Project :- "Study of Phase change Pnenomena using dielectric and optical techniques", w.e.f. 1.5.2009 to 30.4.2012 under Dr. Gurinder Singh, Deptt. of Physics (Bajwara, Hoshiarpur), (Rs. 7,74,300/-).	0	0	0	41046	0
xxvii)	Project :- " Systematic meqasurements of Fusion- Fission Propeprpties in the near Super- heavy region, UFUP 47308 " w.e.f. 11.3.2010 to 31.03.2014 under Dr. B.R. Behra, Deptt. of Physics, (3,63,000)	2710	2019	0	0	0
xxviii)	Project :- "Equality and ideology of Exclusion: A Post-Script on the Humanization of Indian Societies", w.e.f. 1.4.2008 to 31.3.2011 under Dr. V.T. Sebastian , Deptt. of Philosophy, (Rs. 5,91,588/-).	0	0	0	4575	0
xxix)	Project :- "Development of topical formulations of itracanazole using colloidal drug carrier systems", w.e.f. 1.2.2009 to 31.7.2012 under Dr. Shishu, Deptt. of U.I.P.S. (Rs.7,71,860/-).	0	0	0	191275	0
xxx)	Project :- "Design and synthesis of novel pyridazinone based COX-2 selective hybrid molecules as potent analgesic and anti-inflammatory agents",w.e.f.					

PART I**Heads of Expenditure**

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**PART I
EXPENDITURE
SCHEMES ETC.**

Heads of Expenditure

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PART I						
EXPENDITURE						
SCHEMES ETC.						
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		2014-2015	2015-2016	Original	Revised	2017-2018
		Rs.	Rs.	Rs.	Rs.	Rs.
xlix)	Project: "Morphology tuning of nano gold using highly surface active inorganic molecules" Dr. Aman Kaura, PUSSGRC, Hoshiarpur (01.7.2012 to 31.12.2015) (Rs. 6,31,000/-)	19441	81143	0	23614	0
l)	Project: "Readiness & impact of E-learning on academic performance of university students" Dr. Sonal Chawla, Computer Science, PU, Chd (01.7.2012 to 30.6.2014) (Rs. 1,90,000/-)	14398	0	0	12416	0
li)	Project: "Enhancing quality of banking services through technology An exploration and strategic recommendations" Dr. Keshav Malhotra, Management, PU, Chd (01.7.2012 to 30.6.2014) (Rs. 5,24,800/-)	11130	0	0	291333	0
lii)	Project: "water-logging and chemical quality problems of ground water with special reference to occurrencePanjab State, India" Dr. K.P Singh, Geology, PU, Chd (01.7.2012 to 30.6.2015) (Rs. 7,85,219/-)	418391	34994	0	88709	0
liii)	Project :- " Vibrational dynamic potential radioprotective antioxidants", w.e.f. 1.7.12 to 30.06.2015 under Dr. Ghan s s. Saini Deptt. of Physics (Rs. 12,22,800/-)	32938	295933	0	0	0
liv)	Project :- " Carbon nanotubes under swift heavy ion-irradiation characterization and simulation", w.e.f. 1.7.12 to 30.06.2015 under Dr. Keya Dharamvir Deptt. of Physics (Rs. 10,22,800/-)	313203	0	0	265963	0
lv)	Project :- "Rational design and synthesis of acetylcholinesterase inhibitors for cognition disorders ", w.e.f. 1.7.12 to 31.12.2015 under Dr. Poonam Piplani Deptt. of UIPS (Rs. 9,38,300/-)	61355	299985	0	53809	0
lvi)	Project :- " Preparation and characterization of crystal polymorphs of selected drugs with anti-aging effect-thermoanalytical and spectroscopic aspects", w.e.f. 1.7.12 to 30.06.2015 under Dr. Renu Chadha Deptt. of UIPS (Rs. 10,30,760/-)	179055	193666	0	110126	0
lvii)	Project :- " An empirical study of competitive planning and strategies for low cost domestic Air sector of india ", w.e.f. 1.7.12 to 31.12.2014 under Dr. B.B. Goyal, Deptt. of UBS (Rs. 6,09,700/-)	286425	33509	0	70088	0

PART I
EXPENDITURE
SCHEMES ETC.

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		Rs.	Rs.	Rs.	Rs.	Rs.
lviii)	Project :- " Development of colon targeted drug delivery systems for local pathologies", w.e.f. 1.7.12 to 31.12.2015 under Dr. V.R. Sinha Deptt. of UIPS (Rs. 12,18,300/-)	80322	227414	0	135139	0
lix)	Project :- "Nuclear electromagnetic moment measurements using PAD technique ", w.e.f. 7.5.12 to 6.5.15 under Dr. Vivek Kumar, Deptt. of Medical Physics (Rs.6,51,000/-)	247943	0	0	10590	0
lx)	Project :- "Study of Prescission and postscission charged particle emission in heavy ion induced reactions", w.e.f. 7.5.12 to 6.7.15 under Dr. Ashok Kumar, Deptt. of Physics (Rs.6,03,000/-) UFR - 51304	189384	62742	0	1391	0
lxi)	Project :- "In vitro propagation of some commercially important Bamboos", w.e.f. 1.7.12 to 31.12.15 under Dr. C. Nirmala, Deptt. of Botany (Rs. 11,25,800/-)	130311	227878	0	100909	0
lxii)	Project :- "The Future of Small Farmers in Punjab, Contemporary Distress, Emerging Issues and Growth Policy Options", w.e.f. 1.7.2012 to 30.06.2015 under Dr. Gurmail Singh Deptt. of Economics, (Rs.6,82,300/-).	99923	28903	0	182794	0
lxiii)	Project :- "Applications of Teaching of Guru Granth Sahib Solving human					

**PART I
EXPENDITURE
SCHEMES ETC.**

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	Rs.	Rs.	Rs.	Rs.	2017-2018
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PART I						
EXPENDITURE						
SCHEMES ETC.						
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		2014-2015	2015-2016	Original	Revised	2017-2018
		Rs.	Rs.	Rs.	Rs.	Rs.
xcv)	Project- "Ionic substitution in nano dimensional Hydroxyapatite for Bone Tissue Engineering Applications"by Dr. Seema Kapoor, Department of Chemical Engg &Technology w.e.f. 1.7.2015 to 30.6.2018 (Rs.15,26,000/-)	0	129744	225000	769256	406000
xcvii)	Project- "E marketing adoption in micro, small and medium enterprises (MSMEs) : An empirical study of selected states of Northern India"by Dr. Tejinderpal Singh, Department of UBSw.e.f. 01.07.2015 to 30.06.2018 (Rs.6,17,100/-)	0	42000	200000	177600	228000
xcviii)	Project- "Life time measurements in 104-112Cd nuclei using Recoil Distance Dopplier Shift Method"by Dr. Ashok Kumar (UFR - 57307), Department of Physics w.e.f. 2015 to 2018 (Rs.6,03,000/-)	0	0	193000	81000	193000
xcv)	Project- "Study on methylation patterns of promoter regions of KEAP1 and KIR genes in Systemic Lupus Erythematosus in North Indian population "by Dr. Archana Bhatnagar, Department of Bio Chemistry w.e.f. 01.07.2015 to 30.06.2018 (Rs.10,02,500/-)	0	0	115000	620000	150000
xcvi)	Project- "Development of probiotic or synbiotic formulations for colon cancer"by Dr.Indu Pal Kaur, Department of UIPS w.e.f. 01.07.2015 to 30.06.2018 (Rs.13,90,000/-)	0	0	220000	905290	287000
xcvii)	Project- "Mapping the Evaporation Residue Cross Sections for shell closed Nuclei (Extra Push Versus Shell Closure)"by Dr. B. R. Behra (UFR - 54305), Department of Physics w.e.f. 1.9.2015 to31.8.2018 (Rs.6,03,000/-)	0	119965	193000	218029	229000
xcviii)	Project- "Bioremediation of wastewater from pulp and textile industry using novel bacteria/enzymes"by Dr. Naveen Gupta, Department of Microbiology w.e.f. 01.07.2015 to 30.06.2018 (Rs.15,65,000/-)	0	0	432000	432000	250000
xcviii)	Project- "Measurement of Fusion Barrier Distributions"by Dr. B.R. Behera (UFR -58312), Department of Physics w.e.f. 01.01.2016 to 31.12.2019 (Rs.6,03,000/-)	0	0	0	109000	193000

PART I						
EXPENDITURE						
SCHEMES ETC.						
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		Rs.	Rs.	Rs.	Rs.	Rs.
xcix)	Project- "Application of analytical and chemometrics as a tool in quality control of some industrially important Indian medicinal plants"by Dr. Karan Vasisht, Department of UIPS, w.e.f. 01.07.2015 to 30.06.2018 (Rs.14,80,000/-).	0	0	0	847267	250000
c)	Project- "Studies on protective role of Mitochondrial Antioxidants in experimental Huntington's Disease"by Dr. Rajat Sandhir, Department of Bio-Chemistry w.e.f. 01.07.2015 to 30.06.2018 (Rs.11,96,000/-)	0	0	0	355290	315000
ci)	Project- "Phytochemical screening and ameliorating effect of Indian herbs on first line anti-tubercular drugs induced toxicity in wistar rats"by Dr. V.L. Sharma, Department of Zoology w.e.f. 01.07.2015 to 30.06.2018 (Rs.16,14,000/-)	0	0	0	913903	229500
cii)	Project- "Nuclear Electromagnetic Moments and the atomic Magnetic moments measurements using the PAD Technique"by Dr. A.K. Bhatti, Department of Physics (Rs.6,51,000/-) UFR - 58318	0	0	0	105000	217000
ciii)	Project- "Assessment of Radiographic Same patient"by Dr. Shefali Singla, Department of Dental Science w.e.f. 01.07.2015 to 30.06.2018 (Rs.10,73,000/-)	0	0	0	623400	124550
civ)	Project - "Development of Tracked" by Dr. Manu Sharma, UIET w.e.f. 01.07.2015 to 30.06.2018	0	0	0	400000	200000
	Total (Research Projects)	12146113	5399427	3959660	17961318	6095802