

Heads of Income		2010-2011	2011-2012	Original	Revised	Estimates
		Rs.	Rs.	Rs.	Rs.	for
						2013-2014
						Rs.
GRANT FOR SCHEMES & OTHER PURPOSES						
(A)	UNIVERSITY GRANTS COMMISSION					
1	Unassigned grant	0	0	0	683627	0
2	Visit of Prof. Under Cultural Exchange Programme	0	0	300000	300000	300000
3	Research Fellowships (at any one given time basis)	15000000		10000000	10000000	10000000
4	Direct Fellowships	1330048	854319	2000000	2000000	2000000
5	Emeritus Fellowships	2523751	3090000	3000000	3500000	4000000
6	Research Projects	15302934	6874587	30000000	30000000	35000000
7	Teacher Fellowships	37677	0	250000	250000	250000
8	Research Scientist	1305039	1477145	3500000	3000000	3500000
9	Reimbursement of Expenditure on NET	2355042	2500000	3500000	4500000	4500000
10	Centre for Women's Studies during X th Plan	962812	0	1200000	56590	0
11	Centre for Women's Studies during Xith Plan	0	0	0	184626	6000000
12	Centre for Women's Studies during XIIth Plan	0	0	0	6638880	0
13	Establishment of Academic Staff College	6000000	0	9000000	10000000	15000000
14	Seminars/ Reimbursement of TA/DA	1038050	815000	2500000	2500000	3500000
15	Matching grant for resources mobilized by the University	0	0	2500000	5000000	5000000

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	2010-2011	2011-2012	Original	Revised	2013-2014	
	Rs.	Rs.	Rs.	Rs.	Rs.	
23	GOI, Installment for 54 artificial recharge structures in the premises of Panjab University under Central Sector Scheme "Ground Water Management & Regulation" (Rs.7,76,03,000)	54322000	0	0	0	0
24	GOI, Project "Impact of Cell-Phone technology on Biotic Component of Urban Ecosystem" under Prof. R.K. Kohli, Deptt of Botany	0	1601415	0	340000	470250
25	GOI, Project "Micromycete Diversity of North-Western Himalayas-Monographic study and Screening for Lignocellulolytic Enzymes" under Dr. I.B. Prasher, Deptt. of Botany	0	190000	0	350000	350000
26	ISRO Project " understanding the birth of the solar system Theoretical Studies" submitted to PLANEX under Dr. Sandeep Sahijpal	0	546000	400000	0	500000
27	GOI DRDO project entitled "Development and characterization....." under Dr. Prashant Jindal, Department of UIET (Rs.15,95,000/- for three years)	0	1345000	250000	0	200000
28	GOI project "Hymenoptera: Apidae (Apini, Megachilini, Osmini) " under Dr. Neelima R. Kumar, Department of Zoology (Rs.23,76,480/- for three years)	0	1091520	700000	0	700000
29	GOI, Ministry of Tribal Affairs research project entitled "Nutrition and health of the Cheros of Jharkhand: A bio-social investigation"under Dr. Rajan Gaur, Department of Anthropology	0	125000	125000	0	125000
30	GOI MOFPI research project "Development of Processing Techniques for Preserving Juvenile shoots ofof India' under Prof. C. Nirmala, Department of Botany (Rs.93,62,000/- for three years)	0		1000000	0	0
31	International Crops Research Institute for the Semi-Arid Tropics entitled "Securing Chickpea Productivity under contemporary Abiotic Stressess" Improvement of Podding and Seed filling under Heat, Drought and Salinity" under Prof. Harsh Nayyar, Department of Botany (Rs.32,34,000/- for three years)	0	932800	1000000	1000000	1000000
32	GOI, NCRI Award of Ph.D C9on172.2 10.44 Td {0}-11(e)-1.78252(d)-6.024178252(r)-4.34894(d)-6.02(N)-0.89126(a)-1.78("-)-13.6862(a)-1.78252(h)6.02415(P)-10.2657(L)8.590 Wt of BoUrar,r a"Gauss" r1200					

Heads of Income	144 Actuals of		Estimates for the current year 2012-2013		Estimates for
	2010-2011	2011-2012	Original	Revised	2013-2014
	Rs.	Rs.	Rs.	Rs.	Rs.
12 CSIR Research Project entitled 'A study of the Ramanujan's mock theta functions and partition identities' under Prof A.K.Agarwal, Department of Mathematics	54787	0	0	0	0
13 CSIR Research Project entitled 'Development of Stereoselective Processes from lewis acid complexes of tertiary amines' under Dr.K.N.Singh, Deptt. of Chemistry, P.U.	235689	0	0	0	0
14 CSIR Research project entitled 'Study of phosphatidyl, inositol, 3-kinase/akt/gsk-3B signal transduction pathway as a possible chemopreventive target for the non-steroidal anti-inflammatory' under Dr.S.N.Sanyal, Dept. of Biophysics, P.U.	348569	0	0	0	0
15 CSIR Reserch project entitled 'Development and characterization of ARV (Antiretroviral) therapy (ART) based prolonged release drug delivery systems for treatment of AIDS' under Prof.V.R.Sinha, UIPS, P.U.	260340	14400	0	0	0
16 CSIR emeritus scientistship scheme entitled,'Nuclear ---nuclei' under Prof.Nirmal Singh, Deptt. of Physics, P.U.	504503	0	0	0	0
17 CSIR Research Project entitled,'Design and Developement of Novel hetgerofused-pyrimidines as possible antiashmatic agents with selective adenosine antagonism' under Prof.A.R.Rao, UIPS,P.U.	283139	0	0	0	0
18 CSIR Reserch project entitled,'Cycloosygenases: as possible target(s) in Parkinson's disease' under Prof.S.K.Kulkarni, UIPS, P.U.	219283	0	0	0	0
19 CSIR Research Project entitled, "Triple Reuptake Inhibitors-A New Class of anitdeprerssant Drugs" Uni.Inst. of Pharmaceutical Sc6(i)-0.480555(n)-6.32911(h)-6.7(R)4.34967()-3.08-1.7-6.02263(,)06.32.52 0 Td [p]-6.0241(o)-6.0241(s)3.4D56.32911(h)-6					

Heads of Income	146	Actuals of		Estimates for the current year 2012-2013		Estimates for 2013-2014
		2010-2011	2011-2012	Original	Revised	
		Rs.	Rs.	Rs.	Rs.	Rs.

Heads of Income	147 Actuals of		Estimates for the current year 2012-2013		Estimates for
	2010-2011	2011-2012	Original	Revised	2013-2014
	Rs.	Rs.	Rs.	Rs.	Rs.
49 AICTE Project entitled, "Studies on Synthesis and Bioevaluation of Novel fluorinated..... Anti Inflammatory Agents" under Prof. Raguram Rao Akkinapally (Rs. 10 lac for 2 years)	0	0	0	0	0
50 AICTE Project entitled, "Isolation, production, characterization of novel xylanose and its application in good processing" under Dr. (Mrs.) Gargi Ghoshal (Rs.5,98,000/- for 2 years)	0	0	0	0	0
51 AICTE Project 'Adsorptie Removal of Toxic Gases and Vapors by Activated Carbons' under Dr.(Mrs.) Meenakshi Goyal) (Rs.15,00,000 for 2 years)	0	0	0	0	0
52 AICTE Project entitled 'Development of Grid Copmputing Centre for Distributed Applications' under Prof Sarbjeet Singh, U.I.E.T.	0	0	0	0	0
53 AICTE Project entitled 'Design Development & Optimi					

Heads of Income	148	Actuals of		Estimates for the current year 2012-2013		Estimates for
		2010-2011	2011-2012	Original	Revised	2013-2014
		Rs.	Rs.	Rs.	Rs.	Rs.

63 AICTE Research Project entitled "Studies on photocatalytic treatment of

Heads of Income	150	Actuals of		Estimates for the current year 2012-2013		Estimates for
		2010-2011	2011-2012	Original	Revised	2013-2014
		Rs.	Rs.	Rs.	Rs.	Rs.

Heads of Income	151	Actuals of		Estimates for the current year 2012-2013		Estimates for
		2010-2011	2011-2012	Original	Revised	2013-2014
		Rs.	Rs.	Rs.	Rs.	Rs.

95 SERC Fast Track project entitled "Structural, Magnetic and Mossbauer Spectral

Heads of Income	153	Actuals of		Estimates for the current year 2012-2013		Estimates
		2010-2011	2011-2012	Original	Revised	for
		Rs.	Rs.	Rs.	Rs.	2013-2014
116	“Metagenomic Cloning and Molecular Analysis of Poly-B-Hydroxy Butyrate (PHB) Synthesizing Genes: In Vitro Evolution of PHB Syntheses for Quality Alterations” under the WOS-A scheme under Ms.Monica Sharma, Department of Biotechnology (Rs.12,00,000/- for 3 years w.e.f. 21.8.2006	0	0	0	0	0
117	SERC Scheme entitled “One the behavior of the reverse micelles in the presence of an external entity” under Dr. S.K. Mehta, Deptt. of Chemistry, P.U.(Rs.24.00 lac for 3 years w.e.f. 26.12.06)	0	0	300000	0	300000
118	SERC Past Track project for Yong Scientists entitled “Herbicide potential of volatile essential oils from Artemisia scoparia waldst & kit” under Dr. (Ms.) Shalinder Kaur, Deptt. of Botany,P.U. (Rs.17.00 lac for 3 years w.e.f. 6.2.2007)	0	0	0	0	0
119	DST Project “Preparation and characterization of various polymorphic forms of selected drugs and study of their complexes with cyclodextrins using calorimetry and other techniques” under Dr. Renu Chadha, UIPS, P.U.	175000	0	125000	0	125000
120	DST’s financial assistance under BOYSCAST Fellowship to Dr.Amarjit Kaur, Department of Chemistry	0	0	0	0	0
121	DST research project “Characteristics of Top Quark and search for new particles/phenomena at the Dzero Experiment of Fermilab” under Dr.Suman Bala Beri, Deptt.of Physics (Rs.22,47,240/- for 2 years)	0	0	300000	0	300000
122	DST project entitled “Measurement of Neutral Current Cross Sections at high X and the Structure function FI Using Polarized e Beamsat HERA-II” under Dr.(Mrs.)Manjeet Kaur, Deptt.of Physics (Rs.11,23,200/- for 3 years)	250000	0	0	0	0
123	DST project entitled “Trace Element Analysis by Proton Induced X-ray Emission (PIXE) Technique at Chandigarh Cyclotron” under Dr..K.P. Singh, Deptt. of Physics (Rs.24,46,800/- for 3 years)	300000	0	196800	0	196800
124	DST SERC Fast Track scheme project entitled “A Current-Density Function Study of Strong Magnetic Field Induced REaltime Dynamics in Atoms and Molecules” under Dr.Vikas, Deptt.of Chemistry (Rs.7,34,400 for 3 years)	0	0	52400	0	52400
125	DST SERC Fast Track scheme project entitled “Studies towards incorporation of selenium and Tellurium in the B-lactam heterocycle and their biological activities” under Dr.Aman Bhalla, Deptt.of Chemistry (Rs18,48,000 for 3 years)	340000	0	100000	0	100000

Heads of Income	154 Actuals of		Estimates for the current year 2012-2013		Estimates for
	2010-2011	2011-2012	Original	Revised	2013-2014
	Rs.	Rs.	Rs.	Rs.	Rs.
126 DST TIFAC's sponsored project "Study on Taxonomically useful Vegetative Characters of Indian Bamboos" under Dr.M.L. Sharma, Dptt.of Botany (Rs.5,46,250)	0	0	150000	0	150000
127 DST collaborative project entitled "Eco-Geographical and Physiological Approaches to improve Chilling Tolerance in Chickpea in Australia & India" under Dr.Harsh Nayyar, Deptt.of Botany (for 3 years)	850000	0	850000	734000	850000
128 DST Serc scheme entitled "Electronic Structure and Properties of Atomic Nano-Clusters" under Dr.(Mrs.Neetu Goel, Deptt.of Chemistry (Rs.15.61 lacs for 3 years w.e.f.27.2.08)	0	0	300000	0	300000
129 DST project entitled "Surface Control of Nano scale materials through clean synthesis and characterization" under Dr.Surya Kant Tripathi, Deptt. of Physics (Rs.36,08,000/- for 3 years w.e.f.27.2.08)	100000	0	700000	0	700000

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Heads of Income	155 Actuals of		Estimates for the current year 2012-2013		Estimates for
	2010-2011	2011-2012	Original	Revised	2013-2014
	Rs.	Rs.	Rs.	Rs.	Rs.
136 DST SERC Fast Track project entitled “Preparation, Characterization and Photocatalytic Activities of Nanophotocatalysts for the Degradation of Organic Pollutants” under Dr. Sushil Kumar Kansal, Deptt.of Chem.Engg. & Tech. (Rs.8.26 lacs for 3 years w.e.f.2.1.08)	120000	0	0	0	0
137 DST-DAAD (German Academic Exchange Service) joint project entitled “Surfactant Assisted Synthesis of Semi-Conducting Nano-Particles: A Spectroscopic and Physiochemical Approach” under Dr.S.K. Mehta, Deptt. of Chemistry(Rs.3,97,950/- for 2 years w.e.f. 6.10.2008.)	106120	0	0	6839	0
138 Indo-Russian joint project entitled “Research Studies in Algebra and Topology” under Dr.Ashwani K. Bhandari, Zfyabhatta, Department of Mathematics, (Rs.6,86,400/- for 2 years w.e.f. 13.1.2009)	0	0	343200	0	343200
139 SERC Fast Track scheme entitled “Gene Polymorphism as Risk Towards Asthama in the North Indian Population” under Dr. Jagtar Singh, Deptt. of Biotechnology (Rs.12,85,200/- for 3 years w.e.f.2.1.2009)	0	350000	355600	0	0
140 DST project entitled “Cyclooxygenase-independent inhibition of Colon Cancer by Non-Steroidal Anti-Inflammatory Drugs: Ex					

Heads of Income	156 Actuals of		Estimates for the current year 2012-2013		Estimates for
	2010-2011	2011-2012	Original	Revised	2013-2014
	Rs.	Rs.	Rs.	Rs.	Rs.
150 DST Project “Synthesis evaluation & electrochemistry of novel Pyrimidyl & Quinoliny Chaleogenedes (E=S, Sc, Tc).....” under Prof. K.K. Bhasin, Deptt of Chemistry	1500000	0	1761000	0	1761000
151 DST Project “Novel approaches to anulation : Synthesis of condensed hetrocyclic system containing various.....” under Prof K.K. Bhasin, Deptt. of Chemistry	338950	0	338950	0	338950
152 DST Project (WOS) “ Rhizoremediation: utilizing the synergy between plants & rhizosphere” under Dr. Geetanjali, Deptt. of Botany	760000	0	610000	610000	0
153 DST Project “Study of New Particles with the CMS Detector at the large Hadron Collider at Heavy Ion Physics using LHC at CERN-CMS Experiment” under Dr J.B. Singh and Dr. S.B.Beri Deptt of Physics	0	0	0	0	0

154

Heads of Income	157	Actuals of		Estimates for the current year 2012-2013		Estimates for
		2010-2011	2011-2012	Original	Revised	2013-2014
		Rs.	Rs.	Rs.	Rs.	Rs.
163 DST FIST Programme in Department of Anthropology (Rs.44,50,000/- for five years)		0	3150000	600000	0	600000
164 DST (WOS-A) Project entitled "Studies on the biochemical mechanisms in colhicine induced dementia: Neuroprotective potential on Bacopa monnieri." Under Ms. Neetu Saini, Department of Bio-Chemistry (Rs.16,08,000/-) for three years		0	580000	1108000	0	1108000
165 DST Project entitled "Development of suitable nanoocular formulation for superficial and vitreal fungal infection" under Dr. Indu Pal Kaur, Department of UIPS (Rs.46,54,400/-) for three years		0	3551400	1103000	0	0
166 DST Project "Pre-Operative Programme for Indian Participation in the FAIR						

Heads of Income	159 Actuals of		Estimates for the current year 2012-2013		Estimates for
	2010-2011	2011-2012	Original	Revised	2013-2014
	Rs.	Rs.	Rs.	Rs.	Rs.
191 DBT project entitled "Contribution of Quorum Sensing in Immune Modulation and Virulence of Pseudomonas Aeruginosa in Pathogenesis of Urinary Tract Infections" under Dr.Kusum Harjai, Department of Microbiology, PU (Rs.36,10,000/- sanctioned for 3 years w.e.f.24.8.2006).	0	0	123000	0	123000
192 DBT project entitled "Enterobacter Chitinase: Gene Cloning, Hyperexpression, Purification, Characterization and Industrial Application" under Prof. Rupinder Tewari, Department of Biotechnology, PU (Rs.27,53,000/- sanctioned for 3 years w.e.f. 26.9.2006)	0	0	0	0	0
193 DBT project entitled Metagenome of Extreme Thermophiles as a repertoire source for table, novel restriction endonucleases" under Dr.Prince Sharma, Deptt.of Microbiology,PU (Rs.29.10 lacs for 3 years)	0	0	0	0	0
194 DBT project entitled "Cloning of Novel Epoxide Hydrolases from the Microbial Genomic Database" under Dr.(Mrs.)Deepti Sareen, Deptt.of Biochemistry (Rs.30.80 lacs for 3 years)	465000	0	0	0	0
195 DBT project entitled "Anti-Candida Metabolites of Burkholderia gladioli OR-1: Purification, Characterization and Modifications" under Prof. Rupinder Tewari, Department of Biotechnology, (Rs.11.16 lacs					

Heads of Income	60	Actuals of		Estimates for the current year 2012-2013		Estimates for
		2010-2011	2011-2012	Original	Revised	2013-2014
		Rs.	Rs.	Rs.	Rs.	Rs.

200 DBT project entitled "Oolcystin-1 and Nuclear Factor of activated T-Antigen (NFAT), the Interacting Partners in Reno-cardiac Functioning in Autosomal Dominant Polycystic Kidney Disease (ADPKD)"" under Dr.Sanjeev Puri ,Deptt. of Biochemistry (Rs.37.814 lacs sanctioned for 3 years d []-3.01205(l)0.89126(a)-1.78252(c)-1.78252(s)3.45915()-3.01205()-3.01205(s)3.45915(a)-1.78252(n)6.0241(c)-1.77958(t)0.89126(i)0.89126(o)-6.0241(n)6.0241(e)-1.78

Heads of Income

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Actuals of		year 2012-2013		Estimates
2010-2011	2011-2012	Original	Revised	for
Rs.	Rs.	Rs.	Rs.	2013-2014
				Rs.

Heads of Income	62 Actuals of		Estimates for the current year 2012-2013		Estimates for
	2010-2011	2011-2012	Original	Revised	2013-2014
	Rs.	Rs.	Rs.	Rs.	Rs.
ix) "Biomolecules from Coconut (Cocosnucifera) Water Influencing Minreralization/ determinalization Reactions and their role in the Management of renal Calculosis" under Dr. S.K. Singla, UIPS (Rs.2,45,861/- for one year w.e.f. 1.8.2006)	0	0	0	0	0
x) "Evaluation of Protective Role of Zinc in the Initiation and Progression of Experimentally Induced Colon Cancer" under Dr.D.K. Dhawan, Department of Biophysics(for 3 years w.e.f. 1.10.2006, a grant of Rs.8,72,706/- has been sanctioned for the duration of the project).	0	0	0	0	0
xi) "Phase Theraphy of Klebsiella Penumoniae Induced Experimental Pneumonia and Speticemia" under Prof.Sanjay Chhibber, Department of Microbiology (3 years w.e.f. 13.9.2006, a grant of Rs.2,30,180/- has been sanctioned for the first year of the project)	0	0	0	0	0
xii) "Interaction of Paneth Cell Crytdins with selected Intestinal Pathogens" under Dr. Praveen Rishi, Department of Microbiology (3 years w.e.f. 1.10.2006, a grant of Rs.3,51,646/- has been sanctioned for the first year of the project)	0	0	0	0	0
xiii) "Incidence of Quorum Sensing Mechanism in Pseudomonas Aeruginossa: Common Pathogen Associated with Nosocomial Infections" under Dr.Kusum Harjai, Department of Microbiology" (for one year w.e.f. 1.9.2006)	0	0	0	28567	0
xiv) "Studies on the Protective Efficacy of 78 KDA Antigen of Leishmania Denovani in BALB/c Mice" under Dr.(Mrs.) Sukhbir Kaur, Department of Zoology(for 3 years w.e.f.1.7.2006 , a grant of Rs.7,53,033/- has been sanctioned for the Ist year of the project)	0	0	0	0	0
xv) "Acid Induced 55 KDA Outer Membrane Protein of S.Typhi Gene Cloning, Purification and Biological implications" under Dr. Praveen Rishi, Department of Microbiology (for 3 years w.e.f. 1.11.2006 , a grant of Rs.8,37,847/- has been sanctioned for the first year of the project)	0	0	0	0	0
xvi) "The role of oxidative stress on the chemopreventive action of n-3 polyunsaturated fatty acid in experimental colon cancer under Dr. Navneet Agnihotri, Lecturer, Department of Biochemistry (3 years w.e.f. 1.1.2007)	0	0	0	0	0
xvii) "Immunological studies in lung derived cells, in newborn and adult rat with					

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		2010-2011	2011-2012	Original	Revised	for
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						Rs.
xxxix)	ICMR Project "Molecular analysis of spermatogenesis related transcriptional....." under Dr. M.P. Bansal, Department of Bio-Physics.	510141	0	100000	0	0
xxxii)	ICMR Project "Studies on the involment of alterations in calcium homeostasis in hyperglycemia induced" under Dr. Rajat Sandhir, Department of Bio-Chemistry (Rs.25,87,106/- for three years)	0	1265566	650000	650000	650000
xxxv)	ICMR project entitled " Induction of compartmentalized Immunity of lungs of BALB/c mice with Klebsiella pneumoiee yersiniabactin receptor protein-flagellin conjugate" under Dr. Sanjay Chhibber, Department of Microbiology	0	0	0	640284	0
xxxvi)	ICMR research project entitled " Evaluation of difference delivery strategies for Therapeutic Application of Klebsiella Pneumonia Phages in a burn wound Model" under Dr.Sanjay Chhibber, Department of Microbiology, Panjab University, Chandigarh	0	0	0	2058130	0
xxxvii)	ICMR Research Project entitled "Quorum sensing signal and O-Polysaccharide molecules : Potential candidates for vaccine against Pseudomonas aeruginosa and Klebsiella pneumoniae in burn wounds" under Dr Kusum Harjai, Department of Micro-Biology	0	721090	0	0	334353
216	Indian Council of Historical Research	182704	279000	200000	0	200000
217	National Board for Higher Mathematics	0	0	0	0	0
218	Canadian Studies Centre under Prof. B.S. Ghuman	0	0	0	0	0
219	Indian Council of Philosophical Research	72000	71735	150000	0	150000
220	Misc. Income.	1646642	1373782	0	0	0
221	Overhead Charges	6776041	3422994	0	0	0
222	Interest on investments	13157763	38961436	0	0	0
223	Scheme of promotion & Strengthening of local Museum, Fine Arts.	0	0	0	0	0
224	Refund	0	0	0	0	0
	Total (Other Bodies)	118016045	147423520	171316752	195696828	313735799
(E)	SCHOLARSHIPS ETC.					
	Scholarships, Stipends and other Financial Assistance for students from:					
1	Govt. of India	45390	120240	300000	300000	300000
2	State Governments					
	(a) Punjab	389713	1059013	1100000	600000	600000
	(b) Haryana	571632	178739	500000	500000	500000
	(c) U. T. Chandigarh	175008	234367	350000	350000	350000
	(d) Himachal Pradesh	26100	7350	50000	50000	50000

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		2010-2011	2011-2012	Original	Revised	2013-2014
		Rs.	Rs.	Rs.	Rs.	Rs.
3	Other Sources	351759	870700	600000	800000	800000
	Total (Scholarships)	1559602	2470409	2900000	2600000	2600000
	Total (Schemes and S.Ships)	1164667093	309764767	394714319	488594962	583131697