



Indian Institute of Science Education and Research Bhopal Research & Development

S. No.	Particular	Financial Year	Total No. of Projects	Total Value of Projects Sanctioned (Amount in ₹)
A	Research & Development Projects	FY 2009 - 10	01	16,48,000
		FY 2010 - 11	16	4,31,11,210
		FY 2011 - 12	12	3,09,63,927
		FY 2012 - 13	20	6,20,84,824
		FY 2013 - 14	06	1,52,92,200
		FY 2014 - 15	12	6,04,01,170
		FY 2015 - 16	23	6,95,81,955
		FY 2016 - 17 (upto 17.06.2016)	03	8,74,26,574
Total			93	37,05,09,860
B	Young Faculty Fellowship Programmes	FY 2009 - 10	-	-
		FY 2010 - 11	02	1,43,00,000
		FY 2011 - 12	03	2,19,00,000
		FY 2012 - 13	01	35,00,000
		FY 2013 - 14	07	4,67,97,832
		FY 2014 - 15	04	4,34,09,709
		FY 2015 - 16	05	2,79,94,141
		FY 2016 - 17 (upto 17.06.2016)	04	1,04,38,800
Total			26	16,83,40,482



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S. No.	Particular	Financial Year	Total No. of Projects	Total Value of Projects Sanctioned (Amount in ₹)
C	DST Projects - FIST	FY 2015 - 16	02	7,78,00,000
Total			02	7,78,00,000
D	MHRD Projects	FY 2014 - 15	01	1,50,00,000
		FY 2015 - 16	01	3,25,00,000
Total			02	4,75,00,000
Grand Total (A+B+C+D)			123	66,41,50,342



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E. Summary of Closed Research & Development Projects

S. No.	Particular	Financial Year	Total No. of Projects	Total Value of Projects Sanctioned (Amount in ₹)
A	Research & Development Projects	FY 2009 - 10	01	16,48,000
		FY 2010 - 11	08	1,69,48,600
		FY 2011 - 12	03	1,11,90,118
		FY 2012 - 13	04	87,84,000
		FY 2014 - 15	01	3,09,200
Total			17	3,88,79,918
B	Young Faculty Fellowship Programmes	FY 2012 - 13	01	35,00,000
		FY 2013 - 14	03	1,90,82,832
Total			04	2,25,82,832
Grand Total (A+B)			21	6,14,62,750



**Indian Institute of Science Education and Research Bhopal
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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2009-10						
1	Biochemistry Characterization Of Mammalian Type B Hat - Histone Acetytransferase 1 (Hat1)	DBT	Dr. R S Tomar	11/1/2010	11/1/2013	16,48,000
Total						16,48,000



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2010-11						
1	Investigation Of Polymorphism In Molecular Crystals	DST	Dr. Deepak Chopra	3/5/2010	3/5/2013	19,81,200
2	Chiral Dairylselenium (Iv) And 2-Organyl-1,2-Benzisosenazol-3(2h)-One (Iv) Dibromides: Asymmetric Brominating Reagents	DST	Dr. Sangit Kumar	12/5/2010	11/3/2013	18,40,000
3	Biophysical And Biochemical Studies Of The Mitochondrial Outer Membrane Proteins Vdac-2 And Om14	DBT	Dr. R Mahalakshmi	9/6/2010	8/6/2013	37,68,000
4	Development Of Human Motor-Neuron Disease Models In Drosophila	DBT	Dr. Vimlesh Kumar	27/9/2010	26/9/2013	41,93,000
5	Molecular Approach To Nanomagnets	DST	Dr. Sanjit Konar	15/11/2010	14/11/2013	19,65,000
6	Corrole-Based Sensors For Halide Ion Recognition	DST	Dr. J Sankar	1/12/2010	30/11/2012	19,94,400
7	Chemical profiling of airborne crustal material to enhance the source resolution of receptor models	DST	Dr. Ramya Sunder Raman	3/1/2011	3/1/2014	19,40,000



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2010-11						
8	Synthesis Of Biologically Active Resorcylic Acid Lactones Using Transition Metal Catalyzed Arylation Of Activated Sp ³ Hybridized C-H Bonds As The Key Step	DST	Dr. Manhohan Kapur	14/01/2011	14/01/2014	33,10,000
9	Interaction Of Beta Amyloid Peptide And A Model Peptide With Metals Having Potential Roles In Pathogenesis Of Alzheimer's disease	DST	Dr. Madhumita Mukherjee	17/02/2011	17/02/2014	19,95,000
10	Novel Mycobacterial Cell Lysis (Re) Agent: Characterization Of The 54.8 Kda Gp10 Of Mycobacteriophage	DBT	Dr. Vikas Jain	4/2/2011	3/2/2014	24,68,000
11	High Valent Metal – Oxo Multiple-Bonded Complexes For Catalytic Organic Transformations	DST	Dr. Prasanta Ghorai	18/02/2011	17/02/2014	19,60,000
12	Peroxy-Carbenium Chiral Counteranion (Pccc) Strategy: Application To The Synthesis Of Chiral Peroxides And Alcohols	DAE	Dr. Prasanta Ghorai	18/02/2011	17/02/2014	17,20,000
13	Fine Particles Over An Ecologically Sensitive Zone-Sources Apportionment, Visibility And Climate Effects	MoES	Dr. Ramya Sunder Raman	4/3/2011	4/5/2014	56,86,610
			Project	Project	Project	Total



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Investigator	Starting Date	Closing Date	amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2010-11						
14	Radical Chain-Braking Phenolic Organoselenium Compounds: Synthesis And Antioxidant Activity	DAE-BRNS	Dr. Sangit Kumar	1/4/2011	31/12/2013	16,65,000
15	Nkn Virtual Classroom Project	NIC	Dr. Varadharajan Srinivasan	16/03/2011	15/03/2012	41,80,000
16	In vivo analysis of membrane tubulation by CIP4, an F-BAR domain containing protein at the drosophila motor nerve terminals using optogenetics	DBT	Dr. Vimlesh Kumar	1/3/2011	31/03/2014	24,45,000
Total						4,31,11,210



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2011-12						
1	Mimicking Antimicrobial And Fouling-Resistant Nature Of Proteinaceous Biomaterials By Synthetic Polymers Of Halogenated Imidazoles	DBT	Dr. Aasheesh Srivastava	1/4/2011	31/3/2014	18,41,000
2	Molecular Basis Of Regulation Of Rabex5 During Early-To-Late Endosome Transition Crystallographic Studies On The Complexes Of Regulator Bound Rabex5	CSIR	Dr. Sunando Datta	2/5/2011	30/4/2014	12,24,000
3	Studies on Polymorphism in Bioactive Compounds of Therapeutic Importance	DRDO	Dr. Deepak Chopra	23/5/2011	22/5/2014	13,85,000
4	Screening of Putative Rab5 GAPs for their role in Rab5 to Rab7 Conversion	MPGL	Dr. Sunando Datta	1/5/2011	30/4/2014	38,69,129
5	Assembling N-Heterocyclic Carbene (NHC)-Complexes Into Surface-Anchored Molecular Thin Films: New Avenue Towards The Development Of Functional Organometallic Materials (Fom)	DAE	Dr. Joyanta Choudhury	5/12/2011	4/12/2014	15,65,000
6	Strategies And Tactics Towards The Total Synthesis Of Icetaxne And (6,5,6)-Abeo-Abietane Skeleton	DAE	Dr. Alkash Basai	1/12/2011	30/11/2014	15,20,000



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A) Current Research & Development Projects

Financial Year 2011-12						
7	Design Of Highly Porous And Robust Materials For Hydrogen Storage And Gas Adsorption: A Proficient Perspective Of "Reticular" Chemistry	CSIR	Dr. Sanjit Konar	15/1/2012	14/1/2015	24,70,000
8	Structural Biology Of Vesicular Trafficking	DST	Dr. Sanando Dutta	3/1/2012	2/1/2014	37,27,680
9	Organocatalysis In The Context Of The Total Synthesis Of Pyrroloindoline And Related Natural Products	CSIR	Dr. Alkash Bisai	1/1/2012	31/12/2014	14,00,000
10	To Identify A Cellular & Molecular Mechansim For The Action Ebselen	CSIR	Dr R S Tomar	1/1/2012	31/12/2015	22,92,000
11	Controlling Enhancing And Turning The Optical And Nonlinear Properties Of Chalcogenide Glasses And Single Molecule Chalcogen Containing Macrocycles	DST	Dr Adarsh K V	2/2/2012	1/2/2015	47,19,918
12	Nanocarrier Systems Based On Biodegradable Polymers With Cleavable Cationic Residues For Rapid Release Of SiRNA Inside Cells	DBT	Dr. Aasheesh Srivastava	21/2/2012	20/2/2015	49,50,200
Total						3,09,63,927



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2012-13						
1	Epigenetic Regulation Of Aging	DBT	Dr R S Tomar	4/4/2012	3/4/2015	38,20,000
2	In Vitro Reconstitution Of The Late Transcription Machinery Of Mycobacteriophage D29	DST	Dr Vikas Jain	2/5/2012	1/5/2015	18,35,000
3	Biochemical & Biophysical Characterization Of Ail: The Yersinia Pestis Outer Membrane Protein	DST	Dr. R. Mahalaxmi	4/5/2012	3/5/2015	19,15,000
4	Strategies And Tactics Towards the Total Synthesis Of Ergot Alkaloids	SERB	Dr Alakesh Bisai	17/5/2012	16/5/2015	48,00,000
5	Spectroscopic Investigation Of Protein Unfolding And Refolding	DST	Dr Saptarshi Mukherjee	1/6/2012	31/5/2015	23,00,000
6	Development Of Broadband Terahertz Spectroscopy To Investigate The Ultra Fast Optical Functionally And Low Energy Dynamics In Strongly Correlated Electron Systems	SERB	Dr D S Rana	1/8/2012	31/7/2015	1,11,05,312
7	Synthesis And Isolation Of FerrocenylMetalselenolates And Their Application In Thin Film Preparation As Single Source Precursors	DRDO	Dr Sangit Kumar	17/5/2012	16/5/2015	24,15,000



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Financial Year 2012-13						
8	Using Flurophore Assisted Light Inactivation (Fali) To Probe Function And Regulation Of Synaptic Actin In Vivo	SER B	Dr Vimlesh Kumar	1/8/2012	31/7/2015	20,75,000
9	Surface-Confined Coordination-Based Molecular Assembly: A step toward functional Materials	SER B	Dr Joyanta Choudhury	17/7/2012	16/7/2015	26,85,000
10	Entropy Regulation of amino Acid oligomers: New modes of catalysis	SER B	Dr. Vishal Rai	1/8/2012	31/7/2015	13,00,000
11	Conformationally constrained peptide based ligands in organocatalytic transformations	SER B	Dr. Vishal Rai	1/8/2012	31/7/2015	27,00,000
12	Structural and functional investigations of phagocytic machinery in EntamoebaHistolytica	SER B	Dr. Sunando Datta	1.9.12	31.8.15	38,85,000
13	Functional Roles of Less characterized herpesviraltegmuntprotiens: Insights into critical events in the viral life cycle	DAE	Dr. Satishnarayan	1.9.2012	31.8.15	23,63,500
14	Identification and characterization of miRNA involve in regulation of antiviral innate immunity	DBT	Dr Himanshu Kumar	1.10.2012	30.9.2015	51,45,012
15	Development of a novel photo activable cross linking technique in the enteric pathogen,Entamoebahistolytica, to study protien-protein interaction	IUSS TF	Dr Sunando Dutta	1.10.2012	30.9.2014	13,70,000
16	A mycobacterial BL21 (DE3):Crafting a strain to express Mtb proteins in mycobacteria	DBT	Dr. Vikas Jain	7.9.2012	6.9.2014	23,69,000



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Financial Year 2012-13						
17	Photodarkening in amorphous chalcogenide thin films and finding its strong dependency on composition temperature and intensity of illumination	CSIR	Dr K V Adarsh	1.1.2013	31.12.2015	12,70,000
18	Cinchona Alkaloid based Chiral N-Oxides (CABCNO): Organocatalysts and Ligands in Asymmetric Organic Transformations	CSIR	Dr Prasanta Ghorai	31/12/2012	30/12/2015	26,42,000
19	Approach towards the total synthesis of Amarylidaceae alkaloids	SERB	Dr. Alakesh Bisai	1.3.2013	29.2.2016	25,80,000
20	Mechanism of transcription and chromatin remodeling: Role of Repressor Activator Protein 1 (Rap1) in regulation of DNA repair genes	SERB	Dr. R S Tomar	01.03.2013	29.2.2016	35,10,000
Total						6,20,84,824



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S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2013-14						
1	Electrochemical Supercapcitor based on Metal Organic Frameworks (MOF's)	DAE	Dr. Amit Paul	1/4/2013	31/3/2016	16,40,000
2	A new concept of hybrid activation of functional groups: Design of a new class of enamine radical (HOMO-SOMO) and iminium radical hybrid - activation modes of α,β -unsaturated aldehydes and ketones and their application to the discovery of new cat	DST	Dr. Sreenivas Katukojvala	2/5/2013	30/6/2016	54,00,000
3	Functional characterization of the operating Hsp40:Hsp70 chaperone network in Plants	DBT	Dr. Chandan Sahi	15/8/2013	14/8/2016	33,97,200
4	Understanding Physics of the Universe through the study of Cosmic Microwave Background (CMB) Radiation	SERB	Dr. RajibSaha	1/10/2013	30/9/2016	16,26,000
5	Chemical methodology hinged on peptide-protein interaction for site-selective protein labeling	DBT	Dr. Vishal Rai	23/12/2013	22/12/2016	19,45,000
6	Investigation of observables involving rapidity logarithms I quantum field theory and its applications to HEP.	SERB	Dr. Ambar Jain	1/3/2013	28/2/2016	12,84,000
Total						1,52,92,200



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2014-15						
1	Electrochemical Supercapcitor based on hybrid graphene metal oxide nanomaterials	SERB	Dr. Amit Paul	1/6/2014	31/5/2017	24,80,000
2	Fluorescent Microporous organic polymers : Fabrications and tuning the optical properties	SERB	Dr. Abhijit Patra	30/5/2014	30/5/2017	25,00,000
3	Functionalization of Cucurbit uril and its application	SERB	Dr. Apurba Lal Konar	1/7/2014	30/6/2017	23,70,000
4	Dye-doped Fluorescent polymer nanoparticles for single molecule imaging	DAE	Dr. Apurba Lal Konar	1/7/2014	30/6/2017	24,64,750
5	Mycobacterial cell death by membrane perforation : Molecular dissection of a phageencoded transmembrane protein involved in cell lysis	DBT	Dr. Vikas Jain	6/6/2014	5/6/2017	41,19,000
6	Organochalcogen compounds synthesis, characterization and their sensing properties	SERB	Dr. Sangit Kumar	24/7/2014	23/7/2017	16,95,000
7	Bilinear multiplier operators on euclidean spaces	SERB	Dr. Saurabh Kumar Shrivastava	14/8/2014	13/8/2017	3,84,000
8	Experimental and theoretical studies towards the understanding of polymorphism in fluorinated substrates	SERB	Dr. Deepak Chopra	27/10/2014	26/10/2017	18,35,000



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A) Current Research & Development Projects

9	Heteroatom-Guided Palladium catalyzed C-H functionalization and asymmetric reduction as a new strategy for the synthesis of biologically important	SERB	Dr. Manmohan Kapoor	28/10/2014	27/10/2017	38,68,000
10	Molecular Origin of Human VDAC-2 Structure, Function and Regulation : Investigation From Micelles to Bilayers Using Biophysical and Biochemical Approaches	DBT	Dr. R. Mahalakshmi	1/4/2015	31/3/2020	3,53,56,420
11	C-H Functionlization in the Synthesis of Biologically important Indole Alkaloids	CSIR	Dr. Manmohan Kapoor	14/1/2015	12/1/2018	11,20,000
12	Preparatory SERC School on theoretical high energy physics.	SERB	Dr. Suvankar Dutta	26/06/2015	25/07/2015	22,09,000
Total						6,04,01,170



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2015-16						
1	Development of a web resource of commercially useful enzymes (CUEs) and identification of novel CUEs from metagenomic datasets.	DBT	Dr. Vineet Kumar Sharma	01.06.2015	31.05.2017	18,95,400.00
2	The Bastar Carton - The Eastern Ghats Granulite Belt accretion: timing the event.	SERB	Dr. Pritam Nasipuri	03.06.2015	02.06.2018	23,23,000.00
3	Air Pollution Induced Immune Cell Dysfunction: Implication in Viral Infection.	SERB	Dr. Himanshu Kumar	22.06.2015	21.06.2018	30,73,200.00
4	Study of Thermal and Light induced spin crossover Phenomena in Coordination Complexes.	SERB	Dr. Sanjit Konar	15.07.2015	14.07.2018	53,26,000.00
5	Charged Metal organic frameworks for CO ₂ capture and chemical sensing.	CSIR	Dr. Sanjit Konar	01.10.2015	30.09.2018	6,00,000.00
6	Design and synthesis of Nanoscopic Lanthanide based Helix and Cage type Molecules as Cryogenic Magnetic Refrigerant, Single Molecular Magnets and Photoluminescent materials.	DAE	Dr. Sanjit Konar	01.07.2015	30.06.2018	26,92,100.00
7	Molecular approach to enhance soil phosphate extraction by plants and reduce the application of fertilizers.	DBT	Dr. Sourav Datta	01.09.2015	31.08.2018	45,23,000.00



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2015-16						
8	Synthesis of Chiral Hypervalent Spirodiazaselenuranes and Their Catalytic Role in the Synthesis of Medium Ring Size Bromolactones.	SERB	Dr. Sangit Kumar	14.09.2015	13.09.2018	34,12,000.00
9	Design and Synthesis of Indole based Marine Natural Product like Lead Compounds: Quest for Anti-cancer, Anti-bacterial, Anti-fungal and Anti-inflammatory Agents.	MoES	Dr. Sreenivas Katukojvala	15.09.2015	14.09.2018	40,00,000.00
10	Chemical Methodologies directed towards synthesis of antibody-drug conjugates.	SERB	Dr. Vishal Rai	02.11.2015	01.11.2018	32,74,000.00
11	Study of Switched Dynamic systems using Spectral Properties of Network Topology	SERB	Dr. Nikita Agarwal	01.12.2015	30.11.2018	15,66,000.00
12	Self Dual representations and signs.	SERB	Dr. Kumar Balasubramanian	01.12.2015	30.11.2018	14,47,006.00
13	Spectroscopic Insights into the Interaction of Metal Nanoclusters with Proteins.	INSA	Dr. Saptarshi Mukherjee	20.01.2016	19.01.2019	15,00,000.00
14	Developing Small Molecule Modulators of Signal Recognition Particle Function.	SERB	Dr. Ishu Saraogi	01.02.2016	31.01.2019	54,66,000.00



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2015-16						
15	Analysis of the human scalp microflora associated to dandruff: Effect of Indian cosmetic oil on the scalp microbiome.	CONS	Dr. Vineet Kumar Sharma	12.02.2016	31.03.2018	55,19,249.00
16	Understanding the role of J proteins of Arabidopsis thaliana in protein quality control under abiotic stress conditions.	DST	Dr. Chandan Sahi	01.04.2016	31.03.2019	45,36,000.00
17	Role of magnetisation on catalytic pathways of C-H activation.	IND	Dr. Vardharajan Srinivasan	01.03.2016	28.02.2017	3,20,000.00
18	Role of magnetisation on catalytic pathways of C-H activation.	IND	Dr. Vardharajan Srinivasan	01.03.2016	28.02.2017	14,00,000.00
19	Exploring convergent coordination chemistry of Benzotriazole - based Nitrogen-rich Ligands.	SERB	Dr. Sanjit Konar	01.03.2016	28.02.2019	29,48,000.00
20	Development of peptide nucleic acid based molecules for disrupting the bacterial protein transport system.	SERB	Dr. Ishu Saraogi	31.03.2016	30.03.2019	42,80,000.00
21	Isotopic and major-trace element geochemistry, geochronology and petrogenetic evolution of the Samchampi Alkalic Complex, Shillong Plateau, Northeast India.	SERB	Dr. Arundhati Ghatak	31.03.2016	30.03.2019	14,30,000.00



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S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2015-16						
22.	Pathological consequences of epigenetic deregulation on the breast cancer transcriptome.	SERB	Dr. Sanjeev Shukla	31.03.2016	30.03.2019	50,26,000.00
23.	GK Dimensions of Simple Modules over quantum polynomial algebras.	DAE	Dr. Ashish Gupta	31.03.2016	30.03.2019	30,25,000.00
Total						6,95,81,955.00



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A) Current Research & Development Projects

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2016-17						
1.	National Carbonaceous Aerosols Program (NCAP) working Group - III project	MoEFCC	Dr. Ramya Sunder Raman	01.04.2016	31.03.2021	8,56,31,891.00
2.	Design, Synthesis and structural elucidation of ethyl-2 (substituted phenyl) amino-4-(4-fluorophenyl)-6-methyl-1,4-dihydropyrimidine-5-carboxylate molecular scaffolds for multi-dry resistant and extensively dry resistant strains of Mycobacterium tuberculosis.	KFU	Dr. Deepak Chopra	01.04.2016	31.03.2017	2,11,511.00
3.	Entanglement in Landauer like systems.	SERB	Dr. Auditya Sharma	20.06.2016	19.06.2019	15,83,172.00
Total						8,74,26,574.00



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B) Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2010-11						
1	Ramalingaswami Fellowship Scheme	DBT	Dr. R Mahalakshmi	1/4/2010	31/03/2015	70,00,000
2	Ramanujan Fellowship	SERB	Dr. Himanshu Kumar	1/8/2010	31/07/2015	73,00,000
Total						1,43,00,000



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B) Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2011-12						
1	Ramanujan Fellowship	SERB	Dr. Vishal Rai	1/7/2011	30/6/2016	73,00,000
2	Ramanujan Fellowship	SERB	Dr. Snigdha Thakur	1/11/2011	1/11/2016	73,00,000
3	Ramanujan Fellowship	SERB	Dr. K Rajeev Sarathy	1/11/2011	28/11/2016	73,00,000
Total						2,19,00,000



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B) Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2012-13						
1	INSPIRE Faculty Award	DST	Prof. V K Singh / Dr. Santosh Agarwal	20/9/2012	19/9/2017	35,00,000
Total						35,00,000



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B) Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects
Financial Year 2013-14						
1	Ramanujan Fellowship	SERB	Dr. R P Singh	1/6/2013	31/5/2018	73,00,000
2	INSPIRE Faculty Award	DST	Dr. Apurba Lal Konar	1/6/2013	31/5/2018	35,00,000
3	Ramanujan Fellowship	SERB	Dr. Ambar Jain	1/8/2013	31/7/2018	87,15,000
4	INSPIRE Faculty Award	DST	Dr. Ayesha Sinha / Dr. Prasun Datta	20/11/2013	19/11/2018	86,27,428
5	Ramalingaswami Fellowship Scheme	DBT	Dr. Sourav Datta	1/10/2013	30/09/2018	82,00,000
6	Human frontier Science Program (HFSP) Fellowship	IHFSP	Dr. Apurba Lal Konar	1/1/2014	31/12/2014	18,27,978
7	INSPIRE Faculty Award	DST	Dr. Sukanta Panda/ Dr. Vinod Chandra	27/01/2014	26/01/2019	86,27,426
Total						4,67,97,832



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B) Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2014-15						
1	INSPIRE Faculty Award	DST	Dr. D S Rana; Dr. Shashi Bhushan Singh	21/4/2014	20/4/2019	86,27,428
2	Ramanujan Fellowship	SERB	Dr. Ishu Saragoi	1/6/2014	31/5/2019	89,00,000
3	INSPIRE Faculty Award	DST	Dr KV Adarsh; Dr. Manoj Kr. Gupta	8/10/2014	7/10/2019	86,27,428
4	INSPIRE Faculty Award	DST	Dr. Ravi Prakash Singh; Dr. Mukta Vinayak Limaye	14/10/2014	13/10/2019	86,27,425
5	INSPIRE Faculty Award	SERB	Dr. Adarsh Kumar; Dr. Ashish Kumar	20.02.2015	19.02.2015	86,27,428
Total						4,34,09,709



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B) Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2015-16						
1	Vector spin glasses, thermodynamic entropy and the XXZ chain Inspire Faculty Award	DST	Dr. Auditya Sharma	21.11.2015	20.11.2020	35,00,000
2	Moving contact lines and solutions to complex multiphase flows. Inspire Faculty Award	DST	Dr. Manoj Kumar Tripathi	01.01.2016	31.12.2020	35,00,000
3	Some problems in harmonic analysis on Euclidean spaces and Heisenberg groups. Inspire Faculty Award	DST	Dr. Rahul Garg	11.01.2016	10.01.2021	35,00,000
4	Development of Catalytic Diastereo- and Enantiodivergent Tandem Reactions. Inspire Faculty Award	DST	Dr. Vinod K. Singh/ Dr. Nirmal Kumar Rana	02.11.2015	01.11.2020	85,94,141
5	Ramanujan Fellowship	SERB	Dr. Pankaj Kumar	01.09.2015	31.08.2020	89,00,000
Total						2,79,94,141



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B) Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2016-17						
1	Resolving species complexes within the genus Hedychium (Zingiberaceae) of NE India using population genetics and breeding ecology.	DBT	Dr. Vinita Gowda/ Dr. Neeta Sarangthem	12.01.2016	12.01.2021	27,98,800
2	Charged Metal Organic Frameworks. Luminescence sensing of Hazardous small molecules.	SERB	Dr. Sanjit Konar Dr. Atanu Santra	01.04.2016	31.03.2018	19,20,000
3	Construction of Multifunctional Lanthanide DADQ Framework. Postsynthetic Modification for enhanced applicability.	SERB	Dr. Sanjit Konar Dr. Rajendra Nasani	01.04.2016	31.03.2018	19,20,000
4	Ramanunja Fellowship	SERB	Dr. Ritam Mallick	09.06.2016	08.06.2021	38,00,000
Total						1,04,38,800



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C) Current Research & Development Projects - DST Projects FIST

S. No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2015-16						
1	DST-FIST Project for Department of Physics	DST	Dr. D. S. Rana	01.08.2015	31.07.2020	1,88,00,000.00
2	FIST Program for Purchase & Installation of a 200 kV HRTEM.	DST	Dr. Aasheesh Srivastava	02.09.2015	01.09.2020	5,90,00,000.00
Total						7,78,00,000.00



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D) Current Research & Development Projects - MHRD Projects

S. No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2014-15						
1	FAST	MHRD	Dr. Ramya Sunder Raman	29.09.2014	29.09.2018	1,50,00,000.00
Financial Year 2015-16						
1	Centre for Research in Advanced Technology for Education in Science (CREATES) – PMMNMMTT	MHRD	Dr. Ambar Jain	01.12.2015	30.11.2018	3,25,00,000.00
Total						4,75,00,000.00



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E) Closed Research & Development Projects

S. No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
For the Period April 1, 2008 to March 31, 2016						
1	Biochemistry characterization of mammalian type B HAT – Histone Acetyltransferase1 (HAT1).	DBT	Dr. R S Tomar	11/1/2010	11/1/2013	16,48,000.00
2	Investigation of polymorphism in molecular Radical Chain-Braking Phenolic Organoselenium Compounds: Synthesis And Antioxidant Activitycrystals.	DST	Dr. Deepak Chopra	3/5/2010	3/5/2013	19,81,200.00
3	Chiral diarylselenium (IV) and 2-organyl-1, 2-benzisoselenazol-3(2H)-one (IV) Dibromides: Asymmetric Brominating reagents.	DST	Dr. Sangit Kumar	12/5/2010	11/3/2013	18,40,000.00
4	Development of Human Motor-neuron Disease Models in Drosophila.	DBT	Dr. Vimlesh Kumar	27/9/2010	26/9/2013	41,93,000.00
5	Molecular Approach To Nanomagnets.	DST	Dr. Sanjit Konar	15/11/2010	14/11/2013	19,65,000.00
6	Corrole-Based Sensors For Halide Ion Recognition.	DST	Dr. J. Sankar	12/01/2010	30/11/2012	19,94,400.00
7	Synthesis of biologically active resorcylic acid lactones using transition metal catalyzed arylation of activated sp ³ hybridized C-H bonds as the key step.	DST	Dr. Manmohan Kapur	14/01/2011	13/01/2014	33,10,000.00
8	Fine Particles over an Ecologically Sensitive Zone-Source Apportionment, Visibility and Climate Effects.	MoES	Dr. Ramya Sunder Raman	04.03.2011	04.05.2014	56,86,610.00
9	NKN Virtual Classroom Project	NIC	Dr. Vardharajan Srinivasan	16.03.2011	15.03.2012	41,80,000.00



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E) Closed Research & Development Projects

S. No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
For the Period April 1, 2008 to March 31, 2016						
10	Radical Chain-Braking Phenolic Organoselenium Compounds: Synthesis And Antioxidant Activity	DAE	Dr. Sangit Kumar	04.01.2011	31.12.2013	16,65,000.00
11	Strategies And Tactics Towards The Total Synthesis Of Icetaxne And (6,5,6)-Abeo-Abietane Skeleton	DAE	Dr. Alakesh Bisai	12.01.2011	30.11.2014	15,20,000.00
12	Controlling Enhancing And Turning The Optical And Nonlinear Properties Of Chalcogenide Glasses And Single Molecule Chalcogen Containing Macrocycles	DST	Dr. Adarsh K V	02.02.2012	02.01.2015	47,19,918.00
13	Nanocarrier Systems Based On Biodegradable Polymers with Cleavable Cationic Residues For Rapid Release of siRNA Inside Cells	DBT	Dr. Aasheesh Srivastava	21.02.2012	20.02.2015	49,50,200.00
14	Synthesis And Isolation Of Ferrocenyl Metaselenolates And Their Application In Thin Film Preparation As Single Source Precursors	DRDO	Dr. Sangit Kumar	17.05.2012	16.05.2015	24,15,000.00
15	Entropy Regulation of amino Acid oligomers: New modes of catalysis	BRNS	Dr. Vishal Rai	08.01.2012	31.07.2015	13,00,000.00
16	Conformationally constrained peptide based ligands in organocatalytic transformations	DST	Dr. Vishal Rai	08.01.2012	31.07.2015	27,00,000.00
17	A mycobacterial BL21 (DE3):Crafting a strain to express Mtb proteins in mycobacteria	DBT	Dr. Vikas Jain	07.09.2012	06.09.2014	23,69,000.00



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E) Closed Research & Development Projects

S. No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
For the Period April 1, 2008 to March 31, 2016						
18	DBT Research associate-ship program in Biotechnology and life Sciences.	DBT	Dr. Aasheesh Srivastava	01.01.2014	31.12.2014	3,09,200.00
Total						4,87,46,528.00



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B) Closed Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2012-13						
1	INSPIRE Faculty Award	DST	Prof. V K Singh / Dr. Santosh Agarwal	20/9/2012	19/9/2017	35,00,000
Total						35,00,000



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B) Closed Young Faculty Fellowship Programmes

S.No.	Project Title	Funding Agency	Project Investigator	Project Starting Date	Project Closing Date	Total amount sanctioned for the entire period of projects (Amount in ₹)
Financial Year 2013-14						
1	INSPIRE Faculty Award	DST	Dr. Ayesha Sinha / Dr. Prasun Datta	20/11/2013	19/11/2018	86,27,428
2	Human frontier Science Program (HFSP) Fellowship	IHFSP	Dr. Apurba Lal Konar	1/1/2014	31/12/2014	18,27,978
3	INSPIRE Faculty Award	DST	Dr. Sukanta Panda/ Dr. Vinod Chandra	27/01/2014	26/01/2019	86,27,426
Total						1,90,82,832