GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH
LOK SABHA
UNSTARRED QUESTION NO. 2804
(TO BE ANSWERED ON 03.08.2016)

RESEARCH PROJECTS BY CSIR

2804. SHRI ABHISHEK SINGH:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) the details of various major research projects undertaken by the Council of Scientific and Industrial Research (CSIR) in various States including Chhattisgarh during each of the last three years and the current year, State-wise; and
(b) the budget allocated and spent on the said projects, State-wise during the above period?

ANSWER

MINISTER OF STATE OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES

(SHRI Y.S. CHOWDARY)

(a)&(b) Council of Scientific & Industrial Research (CSIR) is currently implementing 158 research projects under the 12th Five Year Plan through its 38 constituent Laboratories located in different states of India.

The details of various research projects undertaken by CSIR during each of the last three years and the current year, State-wise is given in Annexure-I. There is no CSIR laboratory located in the state of Chhattisgarh.

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ANNEXURE-I

State wise, Laboratory-wise and Project wise Budget allocated during 2013-14 to 2016-17

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
State / U.T. : Assam					
	Laboratory: CSIR-NEIST				
1	New initiatives to boost agriculture productivity through maximizing pre- and post-harvest yields (AGROPATHY)	35.632	35.820	41.760	19.920
2	Bioprospection of plant resources and other natural products (BioprosPR)	15.789	13.225	16.400	19.400
3	Plant Diversity: Studying adaptation biology and understanding/exploiting medicinally important plants for useful bioactives (SIMPLE)	50.753	19.240	29.180	25.680
4	Introduction, domestication, improvement and cultivation of economically important plants (AGTEC)	30.062	31.568	31.447	46.309
5	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	37.497	23.625	24.250	33.350
6	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	33.011	26.120	22.660	20.660
7	Therapeutics of Chronic Obstructive Pulmonary Disease (COPD) and Related Respiratory Disorders (TREAT)	32.355	11.190	14.000	9.000
8	Plant-Microbe and Soil Interactions (PMSI)	22.577	19.179	24.590	25.900
9	S&T interventions to combat malnutrition in women and children (HCP07)	2.589	12.684	15.443	7.630
10	Zero Emission Research Initiative for Solid Wastes from Leather (ZERIS)	12.637	14.250	26.700	24.200
11	Membrane & Adsorbent Technology Platform for Effective Separation of Gases and Liquids (MATES)	94.958	47.744	38.080	45.360
12	Biocatalysts for Industrial Applications & Greener Organic Synthesis (BIAGOS)	72.482	45.700	34.500	43.000
13	Inherently Safer Practices for Industrial Risk Reduction (INSPIRE)	78.530	26.685	30.470	36.790
14	Organic reactions in generating innovative and natural scaffolds (ORIGIN)	85.849	80.364	35.500	43.000
15	Development of Sustainable Processes for Edible Oils with Health Benefits from Traditional and New Resources (PEOPLE HOPE)	22.437	32.387	17.137	24.880
16	Development of Sustainable Waste Management Technologies for Chemical and Allied Industries (SETCA)	52.197	49.451	50.860	34.200
17	Biomass to Energy (BioEn)	54.065	36.428	37.992	41.892
18	New generation lubricants and additives (GenLube)	74.224	40.745	34.270	30.770
19	Catalysts for Speciality Chemicals (CSC)	123.606	100.276	71.160	72.000
20	Natural Products as Affordable Healthcare Agents (NaPAHA)	179.840	158.335	97.377	99.060
21	Environmental Research Initiative for Paper and Process Industry (ERIPP)	168.975	139.584	104.800	106.800

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
22	Molecules to Materials to Devices (M2D)	46.120	42.548	35.334	41.420
23	Speciality Materials based on Engineered Clays (SPECS)	67.649	62.775	57.000	52.500
24	Advanced Polyolefins (SPIRIT)	49.808	69.450	50.000	59.000
25	North East Exploration for Pharmaceutical (NEEP)	122.802	148.500	83.000	103.000
26	Affordable Cancer Therapeutics (ACT)	44.082	78.300	35.088	43.208
27	CSIR Advanced Analytical Facility for North East (CAAF-NE)	131.740	316.625	26.263	27.820
28	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	47.409	29.320	17.680	22.580
29	Open Source Drug Discovery programme (OSDD)	9.350	15.000	10.000	
30	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	9.460	2.930
31	Advanced Research in Engineering & Earth Sciences: Data intensive modelling and crowd sourcing approach (ARiEES)	21.391	19.600	15.700	17.600
32	Probing the Changing Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	27.102	8.538	7.984	7.484
33	Development of novel leather products based on ethnic designs	0.000	20.000	0.000	
34	R&D Activities Focused at Rural Development (RSP4001)	0.000	0.000	21.793	22.400
35	R&D Activities Focused at Rural Development (RSP4007)	0.000	0.000	98.000	
	Laboratory: CSIR-NEIST	**1847.520**	**1775.256**	**1265.877**	**1209.743**
	Total of Assam	**1847.520**	**1775.256**	**1265.877**	**1209.743**
	State / U.T. : Chandigarh (U.T.)				
	Laboratory: CSIR-CSIO				
1	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	12.693	7.041	7.201	10.620
2	Effective Application of Community Health Efforts through New Age, IT Based Modes (EACH-IT)	0.000	5.418	4.311	10.600
3	Zero Emission Research Initiative for Solid Wastes from Leather (ZERIS)	5.500	6.364	10.144	10.000
4	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	86.508	29.332	24.500	35.420
5	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	16.548	18.865	6.761	6.270
6	Development and Application of Technologies for Sustainable Transportation (SUSTRANS)	9.277	6.310	3.999	4.562

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
7	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL)	30.113	41.647	34.350	39.100
8	Robotics and Micro Machines (ROuM)	21.959	27.806	12.691	18.770
9	Autonomous Underwater Robotics (UnWaR)	37.243	38.371	30.064	21.600
10	Clean Water: Sustainable Options (Clean Water)	0.000	14.983	50.926	9.150
11	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	1.735	2.930
12	Advanced Instrumentation Solutions for Health Care and Agro-based Applications (ASHA)	391.938	391.481	251.613	252.980
13	Opto-Mechatronics Technologies for Next Generation Sensors and Applications (OMEGA)	1296.959	890.420	1536.190	701.120
	Laboratory: CSIR-CSIO	**1908.739**	**1478.038**	**1974.488**	**1123.122**
	Laboratory: CSIR-IMTECH				
1	Emerging and re-emerging challenges in infectious diseases: Systems based drug design for infectious diseases (SPIenDID)	48.700	48.086	53.101	53.900
2	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	15.740	20.580	23.128	23.190
3	Understanding supra molecular ensembles and machines (UNSEEN)	264.953	59.999	66.638	73.500
4	Host Interactome analysis: Understanding the Role of Host molecules in Parasitic Infection (HOPE)	7.240	8.971	14.150	323.205
5	Plant-Microbe and Soil Interactions (PMSI)	28.700	28.775	35.212	28.610
6	Epigenetics in Health and Disease (EpiHeD)	27.875	25.749	22.250	22.650
7	Man as a Superorganism: Understanding the Human Microbiome (HUM)	226.725	209.603	294.792	299.550
8	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	1187.863	556.755	1428.907	318.600
9	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	278.417	277.191	293.600	228.660
10	Multidirectional approaches for molecular and systems level understanding of regulatory networks in pathogenic microbes (INFECT)	425.309	321.889	389.500	431.000
11	Drug Discovery: Bugs to Drugs Programme (BUGS TO DRUGS)	297.751	239.509	367.922	384.500
12	Expansion and Modernization of the Microbial Type Culture Collection and Gene Bank (MTCC)	273.764	972.486	1526.314	553.884
13	Natural Products as Affordable Healthcare Agents (NaPAHA)	5.400	4.100	5.755	6.300
14	Environmental Research Initiative for Paper and Process Industry (ERIPP)	17.095	15.351	13.350	13.400
15	Advanced ceramics materials and components for energy and structural application	7.942	10.701	14.434	12.744
16	Open Source Drug Discovery programme (OSDD)	40.729	19.852	35.522	
17	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.572	2.735	0.000

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
	Laboratory: CSIR-IMTECH	**3154.203**	**2826.169**	**4587.309**	**2773.693**
	Total of Chandigarh (U.T.)	**5062.942**	**6079.463**	**6561.797**	**3896.815**
	State / U.T. : Delhi				
Laboratory:CSIR-CRRI					
1	Design analysis and health assessment of Special structures including bridges	39.720	0.000	0.000	
2	Zero Emission Research Initiative for Solid Wastes from Leather (ZERIS)	7.178	12.264	26.019	24.100
3	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	29.071	26.777	19.627	19.090
4	Development and Application of Technologies for Sustainable Transportation (SUSTRANS)	404.351	309.907	326.117	223.540
5	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL)	19.623	14.369	16.266	17.300
6	Autonomous Underwater Robotics (UnWaR)	24.504	32.756	38.650	21.350
7	Evaluation of Economic Loss Due to Idling of Vehicles at Signalized and Mitigation Measures (ELSIM)	104.971	73.125	40.807	20.350
8	Development of Indian Highway Capacity Manual (Indo-HCM)	302.180	208.596	117.806	76.465
9	Clean Water: Sustainable Options (Clean Water)	1.594	3.400	4.000	3.150
10	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.390	0.936	0.000	
11	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	54.889	26.250
12	Probing the Changing Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	6.872	5.808	6.984	8.004
13	Development of a Management System for Maintenance Planning and Budgeting of High Speed Road Corridors	47.557	0.000	0.000	
	Laboratory: CSIR-CRRI	**993.012**	**687.938**	**651.166**	**439.599**
	Laboratory: CSIR-HQ				
1	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	3.734	4.762	6.009	19.180
2	S&T interventions to combat malnutrition in women and children (HCP07)	0.000	0.020	0.146	1.625
3	Open Source Drug Discovery programme (OSDD)	349.355	456.563	198.229	

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
4	Distiguished Scientist (DS)	21.760	0.000	0.000	
5	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	3.565	2.930
6	Patinformatics (Patinformatics)	91.225	102.009	126.350	
7	Chembioinformatics for Drug Discovery (ISC0203)	80.943	88.944	114.370	
8	Open Science and Open Innovation Infrastructure (OSOII)	85.738	118.652	79.492	
	Laboratory: CSIR-HQ	**632.755**	**770.950**	**528.160**	**23.735**
Laboratory:CSIR-IGIB					
1	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	42.300	21.049	29.653	32.600
2	Emerging and re-emerging challenges in infectious diseases: Systems based drug design for infectious diseases (SPIenDID)	21.350	33.305	20.345	17.900
3	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	54.365	36.810	34.834	42.950
4	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	23.170	12.287	16.767	16.820
5	Therapeutics of Chronic Obstructive Pulmonary Disease (COPD) and Related Respiratory Disorders (TREAT)	156.213	140.610	174.595	141.100
6	Epigenetics in Health and Disease (EpiHeD)	117.625	114.224	75.609	65.500
7	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	31.900	26.998	29.574	30.000
8	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	69.703	55.743	40.979	43.000
9	Centre for Cardiovascular and Metabolic Disease Research (CARDIOMED)	1292.175	737.906	898.964	913.930
10	Genome Dynamics in cellular organization, differentiation and enantiostasis (GenCODE)	865.875	747.885	982.398	941.500
11	CSIR-NCL-IGIB Joint Research Initiative: Interfacing Chemistry and Biology (CSIR-NCL-IGIB-JRI)	131.750	144.187	201.934	230.300
12	Wellness Genomics Project - Understanding genomic signatures of healthy living in Indian population (WG 100)	439.325	99.961	48.444	96.000
13	Towards Understanding skin Cell Homeostasis (TOUCH)	1034.052	676.946	881.238	866.904
14	Effective Application of Community Health Efforts through New Age, IT Based Modes (EACH-IT)	0.000	49.787	82.010	109.140
15	Visualisation of Organisms in Action (VISION)	123.000	105.602	1209.136	196.000
16	Advance Drug Delivery System (ADD)	3.650	4.570	5.992	6.000
17	Centre of Excellence: Waste Utilization and Management (WUM)	14.390	6.706	8.686	8.555
18	Clean Water: Sustainable Options (Clean Water)	0.000	10.987	15.475	15.350
19	Open Source Drug Discovery programme (OSDD)	58.000	21.317	0.000	
20	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	3.997	0.880	0.000

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
21	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	73.836	57.950
22	Validation of Identified Screening Models and Development of New Alternative Models for Evaluation of New Drug Entities	0.000	4.560	0.000	
	Laboratory: CSIR-IGIB	**4478.842**	**3055.437**	**4831.351**	**3831.499**
Laboratory:CSIR-NISCAIR					
1	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	89.934	117.431	68.609	119.650
2	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	121.181	107.900
3	CSIR--Wide Consortium Access to Online Information Resources (NKRC)	1812.646	1920.772	2016.825	2123.029
	Laboratory: CSIR-NISCAIR	**1902.580**	**2038.203**	**2206.615**	**2350.579**
	Laboratory: CSIR-NISTADS				
1	Indian S&T and Innovation Policy (ISTIP)	186.386	212.330	103.709	412.020
	Laboratory: CSIR-NISTADS	**186.386**	**212.330**	**103.709**	**412.020**
Laboratory:CSIR-NPL					
1	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	75.295	10.277	10.860	22.360
2	Developing capabilities & facilities for Microelectromechanical systems (Mems) and Sensors	0.000	1.148	0.000	
3	Upgradation of SI Base Units, National Standards of Measurements & creation of a network of Calibration and testing laboratories and preparation & dissemination of CRMs	0.000	23.290	0.000	
4	Intelligent Coatings (IntelCoat)	11.067	10.134	15.630	14.400
5	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	18.416	5.762	9.862	13.191
6	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	2.386	1.601	0.000	
7	Conducting polymer paints and coatings for corrosion protection and shielding of concrete structures in strategic areas	0.000	5.702	0.000	
8	Advancement in Metrology	1631.101	0.000	0.000	

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
9	Novel Approaches for Solar energy conversion - a TAPSUN project	729.369	103.070	69.822	101.410
10	Efficient silicon photovotaics with smart electronics and lighting systems- a TAPSUN Project	584.457	84.953	223.011	207.700
11	Innovative solution for solar energy storage under CSIR - a TAPSUN project	127.199	44.055	68.551	31.000
12	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	14.898	10.552	17.391	13.780
13	Research Initiative on Nano Devices and Nano-Sensors (R-Nano)	85.661	19.401	18.049	14.000
14	Development of Advanced Materials for Next-Generation Energy-Efficient Devices (D-NEED)	278.850	138.874	934.129	228.000
15	Advanced Quantum Research and Innovation with Ultra Small Systems (AQuaRIUS)	511.438	6.073	386.126	91.975
16	Measurement for Innovation in Science & Technology (MIST)	514.154	437.054	807.339	229.500
17	Probing the Changing Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	421.657	0.000	320.425	182.596
18	Research and Development on Single Trapped Ion based Frequency Standard (STIOS)	285.399	52.595	219.952	145.000
	Laboratory: CSIR-NPL	**5291.345**	**954.541**	**3101.149**	**1294.912**
	Total of Delhi	**13484.921**	**13798.862**	**11422.151**	**8352.344**
	State / U.T. : Goa				
	Laboratory: CSIR-NIO				
1	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	56.693	52.740	73.670	73.670
2	Acquisition of Oceanographic Research Vehicle	3644.048	0.000	0.000	
3	Autonomous Underwater Robotics (UnWaR)	77.044	110.260	123.700	51.450
4	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.645	2.328	0.000	
5	Advanced Research in Engineering & Earth Sciences: Data intensive modelling and crowd sourcing approach (ARiEES)	43.350	7.975	9.700	9.600
6	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	69.800	73.200
7	Innovation Complexes	40.000	0.000	0.000	
8	Geodynamic and Earthquake generating processes in NE India and Andaman Subduction Zone (GENIAS)	160.500	177.000	26.000	18.420
9	Ocean Science Towards Forecasting Indian Marine Living Resource Potential (Ocean Finder)	1431.380	698.052	1813.580	826.560
10	Geological processes in the Indian Ocean - Understanding the input fluxes, sinks and Paleoceanography (GEOSINKS)	218.045	497.156	934.250	199.750

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
11	Geo-scientific investigations for deciphering the Earth's internal processes and exploration of energy resources (GEOSCAPE)	607.634	646.009	530.310	348.810
12	Indian Aquatic Ecosystems: Impact of Deoxygenation, Eutrophication and Acidification (INDIAS IDEA)	303.610	199.920	742.643	203.040
13	Analyses and Harnessing of Marine Biodiversity for Bioremediation of Aquaculture and Industrial Effluents (MARINEBIOTECH)	93.973	106.320	239.206	97.300
	Laboratory: CSIR-NIO	**6681.921**	**2497.760**	**4562.858**	**1901.800**
	Total of Goa	**6681.921**	**16296.622**	**4562.858**	**1901.800**
State / U.T. :	**Gujrat**				
	Laboratory: CSIR-CSMCRI				
1	Bioprospection of plant resources and other natural products (BioprosPR)	15.950	26.750	38.080	49.400
2	Genomics of Medicinal Plants and Agronomically Important Traits (PlaGen)	7.750	14.422	15.262	20.000
3	Plant Diversity: Studying adaptation biology and understanding/exploiting medicinally important plants for useful bioactives (SIMPLE)	67.870	84.980	108.658	96.300
4	Plant-Microbe and Soil Interactions (PMSI)	42.856	37.408	39.618	47.400
5	Towards Understanding skin Cell Homeostasis (TOUCH)	18.559	17.605	21.905	20.117
6	Multifunctional electrodes and Electrolytes for Future Technologies (MUTLIFUN)	8.975	5.090	12.402	7.280
7	Clean Coal Technology (TapCoal)	139.870	80.987	53.466	56.380
8	Membrane & Adsorbent Technology Platform for Effective Separation of Gases and Liquids (MATES)	89.170	67.250	54.492	34.940
9	Potassic (K) fertilizer Technology to Empower the Nation (K-TEN)	345.300	517.630	613.086	260.750
10	Intelligent Coatings (IntelCoat)	7.025	4.310	5.450	4.550
11	Energy Efficient Technologies (E2++)	3.458	5.193	6.856	7.116
12	Biomass to Energy (BioEn)	83.719	84.128	130.945	81.392
13	Waste to Wealth - Waste plastics (W2W)	43.685	32.818	39.190	36.130
14	Hydrogen Energy: Overcoming materials challenges in PEMFC towards generation, separation, storage and conversion of hydrogen (HYDEN)	14.300	7.440	9.510	8.610
15	Innovate, develop and up-scale modular, agile, intensified and continuous processes and plants (Indus MAGIC)	134.250	118.838	119.455	98.000

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
16	A Multi-Scale Simulation and Modeling Approach to Designing Smart Functional Materials for use in Energy, Electrochemistry and Bio-mimetics (MSM)	15.494	17.239	15.078	17.896
17	Natural Products as Affordable Healthcare Agents (NaPAHA)	10.400	13.500	14.000	13.000
18	Environmental Research Initiative for Paper and Process Industry (ERIPP)	12.500	20.340	22.688	22.500
19	Molecules to Materials to Devices (M2D)	34.955	45.450	38.852	38.980
20	Speciality Materials based on Engineered Clays (SPECS)	37.700	17.337	21.197	24.300
21	High Purity Salt & Recovery of Valuable Metal Ions from Marine Resources (HPSMC)	592.765	600.916	719.161	411.826
22	Clean Water: Sustainable Options (Clean Water)	0.000	6.050	9.050	6.550
23	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	10.120	2.930
24	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	67.176	28.700
25	Ocean Science Towards Forecasting Indian Marine Living Resource Potential (Ocean Finder)	7.260	4.333	12.870	7.500
26	Sisal- potentials for Rural Development & Green Technology	0.000	20.000	0.000	
27	R&D Activities Focused at Rural Development (RSP4021)	0.000	0.000	69.000	
Laboratory:CSIR-CSMCRI		**1733.810**	**1850.014**	**2267.567**	**1402.547**
Total of Gujrat		**1733.810**	**18146.636**	**2267.567**	**1402.547**
State / U.T. : Himachal Pradesh					
Laboratory: CSIR-IHBT					
1	New initiatives to boost agriculture productivity through maximizing pre- and post-harvest yields (AGROPATHY)	100.215	77.499	88.680	45.680
2	Bioprospection of plant resources and other natural products (BioprosPR)	33.600	39.994	49.392	59.400
3	Genomics of Medicinal Plants and Agronomically Important Traits (PlaGen)	146.000	86.390	159.800	114.870
4	Plant Diversity: Studying adaptation biology and understanding/exploiting medicinally important plants for useful bioactives (SIMPLE)	668.510	245.843	434.040	302.040
5	Introduction, domestication, improvement and cultivation of economically important plants (AGTEC)	130.656	96.232	124.289	124.169
6	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	72.844	27.520	20.390	20.360
7	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	10.320	6.660	9.880	9.130
8	Plant-Microbe and Soil Interactions (PMSI)	78.940	86.027	115.939	103.480
9	Epigenetics in Health and Disease (EpiHeD)	72.765	26.922	22.930	21.180

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
10	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	5.920	64.530	9.669	8.570
11	S&T interventions to combat malnutrition in women and children (HCP07)	10.995	22.440	27.320	6.830
12	Establishment of Centre for High Altitude Biology (CeHAB)	222.927	355.047	461.400	496.500
13	Process and Products from Himalayan Region and their toxicological evaluation (PROMOTE)	180.897	250.690	236.840	226.300
14	Plant Breeding, Genomics and Biotechnology (PLOMICS)	42.125	54.540	63.160	61.360
15	Organic reactions in generating innovative and natural scaffolds (ORIGIN)	21.720	25.063	28.650	29.730
16	Natural Products as Affordable Healthcare Agents (NaPAHA)	15.200	14.340	17.116	17.130
17	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.645	2.355	0.000	
18	Advanced Instrumentation Solutions for Health Care and Agro-based Applications (ASHA)	34.025	16.500	20.100	18.200
19	Probing the Changing Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	18.492	11.638	15.984	15.984
20	Tea advisory services for production of quality tea	0.000	16.567	0.000	
21	R&D Activities Focused at Rural Development (RSP4001)	0.000	0.000	15.860	14.360
22	R&D Activities Focused at Rural Development (RSP4006)	0.000	0.000	94.375	
	Laboratory: CSIR-IHBT	**1871.798**	**1526.797**	**2015.814**	**1695.273**
	Total of Himachal Pradesh	**1871.798**	**19673.433**	**2015.814**	**1695.273**
	State / U.T. : Jammu & Kashmir				
	Laboratory: CSIR-IIIM				
1	Bioprospection of plant resources and other natural products (BioprosPR)	33.200	47.349	59.312	69.900
2	Medicinal Chemistry for stem cell biology and regenerative medicine (MEDCHEM)	284.779	213.050	271.950	268.950
3	Plant Diversity: Studying adaptation biology and understanding/exploiting medicinally important plants for useful bioactives (SIMPLE)	83.929	74.460	68.679	63.180
4	Introduction, domestication, improvement and cultivation of economically important plants (AGTEC)	90.318	116.447	196.231	195.398
5	Plant-Microbe and Soil Interactions (PMSI)	125.636	51.981	89.500	82.900
6	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	4.054	13.649	11.599	11.700
7	Nurturing a new Pan-CSIR drug pipe line: high intensity preclinical, clinical studies on lead candidates (DPL)	758.515	973.166	723.461	859.000
8	Towards Understanding skin Cell Homeostasis (TOUCH)	33.716	23.103	36.429	26.429
9	Open Source Drug Discovery programme (OSDD)	24.750	11.360	0.000	

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
10	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.645	2.328	0.000	
11	Innovation Complexes	1434.070	4.279	0.000	
12	Rural development program including (i) Cultivation of medicinal plants & aromatic plants, (ii) Bio-pesticides & bio-fertilizers and (iii) Mosquito eradication program	10.000	0.000	0.000	
13	R&D Activities Focused at Rural Development (RSP4001)	0.000	0.000	180.547	255.484
14	R&D Activities Focused at Rural Development (RSP4023)	0.000	0.000	16.000	
Laboratory: CSIR-IIIM		**2888.612**	**1531.172**	**1653.708**	**1832.941**
Total of Jammu & Kashmir		**2888.612**	**21204.605**	**1653.708**	**1832.941**
State / U.T. : Jharkhand					
Laboratory: CSIR-CIMFR					
1	Clean Coal Technology (TapCoal)	141.074	273.823	107.970	95.610
2	Potassic (K) fertilizer Technology to Empower the Nation (K-TEN)	92.510	96.215	44.784	48.500
3	Advanced ceramics materials and components for energy and structural application	14.959	11.510	7.825	8.932
4	Development of a technology for optimal extraction of locked-up coal from underground mines using artificial pillars (DeCoalArt)	236.310	353.152	132.169	170.100
5	Development of Zero Waste Technology for Processing and Utilization of Thermal Coal (ZWT-CUP)	7.739	9.684	11.489	9.350
6	Robotics and Micro Machines (ROuM)	48.194	25.800	33.227	37.250
7	Development of underground coal gasification technology in India (CoalGasUrja)	137.897	328.924	71.680	96.360
8	Development of suitable design methodology for extraction of coal at greater depths (>300 m) for Indian geomining conditions (DeepCoal)	465.356	450.567	109.260	83.010
9	National Clean Air Mission (NCAM)	7.896	6.257	5.452	4.706
10	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	7.085	2.930
Laboratory: CSIR-CIMFR		**1151.936**	**1555.932**	**530.943**	**556.748**

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
Laboratory:CSIR-NML					
1	Sustainable Technologies for the Utilization of Rare Earths (SURE)	29.145	12.777	16.584	15.834
2	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	18.251	9.339	10.823	10.823
3	Advanced ceramics materials and components for energy and structural application	4.396	8.369	10.029	9.806
4	Development of Zero Waste Technology for Processing and Utilization of Thermal Coal (ZWT-CUP)	102.234	105.609	204.382	41.710
5	Development of Magnesium Metal Production Technology (MPT)	301.787	99.259	99.253	42.100
6	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	4.655	2.849	0.000
7	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	17.410	19.139	17.619	13.320
8	Measurement for Innovation in Science & Technology (MIST)	4.000	5.353	40.088	8.000
Laboratory: CSIR-NML		**477.223**	**264.500**	**401.628**	**141.593**
Total of Jharkhand		**1629.159**	**23025.037**	**932.571**	**698.341**
State / U.T. : Karnataka					
Laboratory: CSIR-4PI					
1	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	7.704	5.142	5.145	6.580
2	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	31.826	19.139	7.566	11.090
3	Development of suitable design methodology for extraction of coal at greater depths (>300 m) for Indian geomining conditions (DeepCoal)	1.600	1.885	1.299	1.600
4	Distinguished Scientist (DS)	1.456	0.000	0.000	
5	Distinguished Scientist (DS)	10.286	11.886	0.000	
6	Advanced Research in Engineering & Earth Sciences: Data intensive modelling and crowd sourcing approach (ARiEES)	548.994	593.413	358.831	423.800
7	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	36.949	45.960
8	Setting up State-of-art Multi-Teraflop High Performance Computing (HPC) Facility	74.999	96.676	0.000	
9	Integrated Analysis for Impact, Mitigation and Sustainability (IAIMS): Regional Climate Modelling at Decade Scale	1036.342	0.000	0.000	
10	Indian Aquatic Ecosystems: Impact of Deoxygenation, Eutrophication and Acidification (INDIAS IDEA)	4.397	7.120	8.978	8.020

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
11	Probing the Changing Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	5.341	6.437	11.243	6.984
	Laboratory: CSIR-4PI	**1722.946**	**741.698**	**430.012**	**504.034**
Laboratory:CSIR-CFTRI					
1	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	20.500	9.680	11.720	13.400
2	New initiatives to boost agriculture productivity through maximizing pre- and post-harvest yields (AGROPATHY)	633.750	584.984	546.228	417.280
3	Bioprospection of plant resources and other natural products (BioprosPR)	6.700	9.755	12.400	13.400
4	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	2.750	3.300	5.300	5.300
5	S&T interventions to combat malnutrition in women and children (HCP07)	12.225	21.260	27.772	7.400
6	Wellness through Foods and Nutraceuticals (WELFO)	295.220	287.050	233.609	184.000
7	Lipidomics Center (LIPIC)	763.316	144.949	147.695	173.700
8	Creation of Advanced Research Facility in Molecular Nutrition (Nutri-ARM)	153.852	93.640	139.177	136.520
9	Zero Emission Research Initiative for Solid Wastes from Leather (ZERIS)	49.230	47.468	48.720	76.100
10	Membrane & Adsorbent Technology Platform for Effective Separation of Gases and Liquids (MATES)	8.160	9.698	9.796	10.370
11	Development of Sustainable Processes for Edible Oils with Health Benefits from Traditional and New Resources (PEOPLE HOPE)	3.899	4.676	6.196	5.734
12	Encapsulated Microorganisms for Environmental Protection (EMEP)	35.060	35.390	27.880	30.320
13	Open Source Drug Discovery programme (OSDD)	15.608	5.000	0.000	
14	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.265	2.328	0.000	
15	Measurement for Innovation in Science & Technology (MIST)	11.440	6.880	7.320	7.680
16	Sisal- potentials for Rural Development & Green Technology	0.000	20.000	0.000	
17	R&D Activities Focused at Rural Development (RSP4008)	0.000	0.000	30.152	
	Laboratory: CSIR-CFTRI	**2016.975**	**1286.058**	**1253.964**	**1081.204**

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
	Laboratory: CSIR-NAL				
1	Novel Energy Effective Metallic Materials for Automotive and General Engineering Application (LWM)	48.728	6.800	9.300	9.100
2	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	65.433	18.489	20.563	12.415
3	Advanced ceramics materials and components for energy and structural application	12.532	2.696	3.035	2.686
4	Development and Application of Technologies for Sustainable Transportation (SUSTRANS)	12.920	1.875	2.750	2.250
5	Technology Solutions for Micro Air Vehicle Development (MAT)	648.206	286.785	245.073	208.590
6	Robotics and Micro Machines (ROuM)	65.774	18.361	21.450	21.450
7	Avionics and Flight Controls Civil Aerospace Technologies (AFCCAT)	0.000	348.587	452.080	289.350
8	Advanced Structural Technologies for Aircraft (ASTA)	320.277	369.644	479.578	317.738
9	Aerodynamics and Propulsion Technologies for Next Generation Civil Aircraft (ADPR)	0.000	339.808	691.086	348.910
10	Transport Aircraft Design Bureau (TADB)	0.000	115.843	87.112	151.760
11	Augmentation and Refurbishment of National Trisonic Aerodynamic Facilities (NTAF)	148.418	260.875	193.882	51.000
12	Distinguished Scientist (DS)	1.583	0.000	0.000	
13	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.905	2.850	0.000
14	Advanced Research in Engineering & Earth Sciences: Data intensive modelling and crowd sourcing approach (ARiEES)	43.400	14.650	18.400	19.800
15	Spearhaeding Small Civilian Aircraft Design, Development and Manufacturing	1500.008	0.000	0.111	
	Laboratory: CSIR-NAL	**2867.279**	**1791.318**	**2227.270**	**1435.049**
	Total of Karnataka	**6607.200**	**26844.111**	**3911.245**	**3020.287**
	State / U.T. : Kerala				
	Laboratory: CSIR-NIIST				
1	Towards holistic understanding of Complex Diseases: Unraveling the Threads of Complex Diseases (THUNDER)	24.700	11.015	15.050	16.800
2	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	16.540	13.580	11.000	11.600
3	New initiatives to boost agriculture productivity through maximizing pre- and post-harvest yields (AGROPATHY)	16.215	28.820	23.769	16.420
4	Bioprospection of plant resources and other natural products (BioprosPR)	5.245	5.736	7.250	8.400
5	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	9.595	4.475	5.890	5.990

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
6	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	18.820	10.540	12.020	12.120
7	Plant-Microbe and Soil Interactions (PMSI)	8.750	7.638	11.250	9.400
8	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	7.700	3.973	5.700	8.500
9	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	8.975	11.050	18.100	17.350
10	S&T interventions to combat malnutrition in women and children (HCP07)	7.593	29.112	38.750	4.563
11	Multifunctional electrodes and Electrolytes for Future Technologies (MUTLIFUN)	17.040	14.155	51.940	16.880
12	Organic reactions in generating innovative and natural scaffolds (ORIGIN)	77.000	51.500	85.000	41.500
13	Development of Sustainable Processes for Edible Oils with Health Benefits from Traditional and New Resources (PEOPLE HOPE)	69.277	52.112	47.822	34.620
14	Intelligent Coatings (IntelCoat)	102.300	107.925	61.000	63.250
15	Waste to Wealth - Waste plastics (W2W)	27.990	8.625	10.900	9.400
16	Innovate, develop and up-scale modular, agile, intensified and continuous processes and plants (Indus MAGIC)	31.125	33.775	39.250	29.750
17	Catalysts for Speciality Chemicals (CSC)	23.795	30.068	31.000	23.000
18	Encapsulated Microorganisms for Environmental Protection (EMEP)	26.960	29.714	19.660	21.660
19	A Multi-Scale Simulation and Modeling Approach to Designing Smart Functional Materials for use in Energy, Electrochemistry and Bio-mimetics (MSM)	24.146	16.034	32.455	39.192
20	Natural Products as Affordable Healthcare Agents (NaPAHA)	223.170	89.990	94.500	94.420
21	Environmental Research Initiative for Paper and Process Industry (ERIPP)	50.000	62.816	45.550	35.450
22	Sustainable Technologies for the Utilization of Rare Earths (SURE)	332.733	461.726	254.156	273.447
23	Development of functional foods and their formulations for potential health benefits of common man (FUNHEALTH)	237.770	124.434	151.236	142.436
24	Molecules to Materials to Devices (M2D)	224.153	245.496	205.541	266.650
25	Speciality Materials based on Engineered Clays (SPECS)	58.375	67.533	53.000	60.000
26	Novel Energy Effective Metallic Materials for Automotive and General Engineering Application (LWM)	43.125	24.644	35.500	24.100
27	Clean Water: Sustainable Options (Clean Water)	0.000	6.451	18.910	12.400
28	Open Source Drug Discovery programme (OSDD)	9.000	20.608	0.000	
29	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.645	2.328	0.000	
30	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	26.500	25.500
31	Novel Approaches for Solar energy conversion - a TAPSUN project	97.250	30.353	37.000	35.960
32	Efficient silicon photovotaics with smart electronics and lighting systems- a TAPSUN Project	120.500	190.766	47.000	48.750
33	Development of a reverse flow natural convection driers and cottage scale processing for rural development	0.000	20.000	0.864	

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
34	R&D Activities Focused at Rural Development (RSP4003)	0.000	0.000	39.681	
	Laboratory: CSIR-NIIST	**1925.487**	**1816.992**	**1537.244**	**1409.507**
	Total of Kerala	**1925.487**	**28661.103**	**1537.244**	**1409.507**
State / U.T. : Madya Pradesh					
	Laboratory: CSIR-AMPRI				
1	Molecules to Materials to Devices (M2D)	32.553	10.128	9.078	12.590
2	Novel Energy Effective Metallic Materials for Automotive and General Engineering Application (LWM)	209.460	192.504	156.070	177.464
3	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	11.105	5.848	8.466	7.624
4	Advanced ceramics materials and components for energy and structural application	5.604	5.981	1.636	5.643
5	Design and Development of Thermo Responsive & Magnetic Shape Memory Materials and Devices for Engineering Applications (TR&MSMM)	171.847	91.931	207.002	82.980
6	Clean Water: Sustainable Options (Clean Water)	0.000	4.914	3.646	3.650
7	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	7.895	2.286	0.000	
8	Sisal- potentials for Rural Development & Green Technology	0.000	20.005	1.614	
9	R&D Activities Focused at Rural Development (RSP4014)	0.000	0.000	28.595	23.187
	Laboratory: CSIR-AMPRI	**438.465**	**333.597**	**416.106**	**313.138**
	Total of Madya Pradesh	**438.465**	**28994.700**	**416.106**	**313.138**
State / U.T. : Maharashtra					
	Laboratory: CSIR-NCL				
1	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	36.450	19.440	29.400	31.400
2	Emerging and re-emerging challenges in infectious diseases: Systems based drug design for infectious diseases (SPIenDID)	7.180	4.724	6.300	5.300
3	Bioprospection of plant resources and other natural products (BioprosPR)	6.240	7.080	7.423	11.400

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
4	Genomics of Medicinal Plants and Agronomically Important Traits (PlaGen)	13.960	10.390	14.500	13.500
5	Plant Diversity: Studying adaptation biology and understanding/exploiting medicinally important plants for useful bioactives (SIMPLE)	143.760	38.360	51.280	50.780
6	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	29.130	19.960	27.960	24.930
7	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	52.790	29.130	18.540	18.540
8	Host Interactome analysis: Understanding the Role of Host molecules in Parasitic Infection (HOPE)	5.420	6.148	10.820	5.550
9	Neurodegenerative diseases: Causes and Corrections (miND)	36.094	20.625	32.600	33.100
10	Plant-Microbe and Soil Interactions (PMSI)	44.606	48.075	72.000	73.810
11	Man as a Superorganism: Understanding the Human Microbiome (HUM)	83.955	39.610	58.380	43.320
12	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	57.090	74.200	45.900	48.600
13	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	17.500	27.160	23.968	23.900
14	Genome Dynamics in cellular organization, differentiation and enantiostasis (GenCODE)	45.750	55.500	64.994	46.500
15	CSIR-NCL-IGIB Joint Research Initiative: Interfacing Chemistry and Biology (CSIR-NCL-IGIB-JRI)	161.400	137.655	171.021	167.000
16	Towards Understanding skin Cell Homeostasis (TOUCH)	30.259	43.169	46.949	37.017
17	Clean Coal Technology (TapCoal)	114.642	136.827	86.200	91.190
18	Zero Emission Research Initiative for Solid Wastes from Leather (ZERIS)	15.605	11.890	16.036	19.500
19	Membrane & Adsorbent Technology Platform for Effective Separation of Gases and Liquids (MATES)	8.395	7.665	6.320	6.570
20	Biocatalysts for Industrial Applications & Greener Organic Synthesis (BIAGOS)	82.732	68.941	69.500	72.100
21	Inherently Safer Practices for Industrial Risk Reduction (INSPIRE)	12.100	4.754	6.227	6.320
22	Organic reactions in generating innovative and natural scaffolds (ORIGIN)	234.707	320.449	501.763	185.500
23	Non-Infringing chemistry and engineering for pharmaceuticals (NICE-P)	16.960	18.135	30.448	28.190
24	Metabolic profiling of human body fluids by MS and NMR (CMET)	28.330	15.877	17.230	18.240
25	Screening molecules in lead exploration (SMiLE)	24.760	29.140	23.116	22.080
26	Development of Sustainable Processes for Edible Oils with Health Benefits from Traditional and New Resources (PEOPLE HOPE)	54.200	13.633	16.707	15.980
27	Development of Sustainable Waste Management Technologies for Chemical and Allied Industries (SETCA)	55.190	43.722	30.660	19.320
28	Energy Efficient Technologies (E2++)	27.620	22.122	23.630	28.830
29	Catalysts for Sustainable Energy (ECat)	102.872	29.072	37.810	39.310
30	Research Initiative for Low Emissions (RILE)	7.100	2.088	3.000	3.000
31	Hydrogen Energy: Overcoming materials challenges in PEMFC towards generation, separation, storage and conversion of hydrogen (HYDEN)	211.379	149.640	219.982	231.300

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
32	Innovate, develop and up-scale modular, agile, intensified and continuous processes and plants (Indus MAGIC)	640.700	746.564	809.425	517.500
33	Catalysts for Speciality Chemicals (CSC)	109.850	114.236	126.742	77.000
34	Encapsulated Microorganisms for Environmental Protection (EMEP)	58.858	45.680	46.460	42.960
35	Creating intellectual property and capabilities for the development of improved security features and substrates for the Indian currency note (FUTURE)	63.648	87.210	66.540	58.480
36	A Multi-Scale Simulation and Modeling Approach to Designing Smart Functional Materials for use in Energy, Electrochemistry and Bio-mimetics (MSM)	407.150	203.567	167.283	154.867
37	Natural Products as Affordable Healthcare Agents (NaPAHA)	187.665	128.693	142.856	146.300
38	Development of functional foods and their formulations for potential health benefits of common man (FUNHEALTH)	165.220	61.270	73.922	69.440
39	Molecules to Materials to Devices (M2D)	194.250	224.305	218.600	254.750
40	Affordable Cancer Therapeutics (ACT)	17.911	25.244	24.876	25.848
41	Advance Drug Delivery System (ADD)	77.229	48.378	66.274	68.604
42	Centre for Surface and Interface Science Research (CSISR)	112.300	14.574	24.362	16.000
43	Nuclear Magnetic Resonance Centre for Advanced Research (NMRCAR)	106.092	64.925	88.808	45.379
44	National Repository of Molecules (NORMS)	244.619	209.929	312.884	184.000
45	Up gradation of Facilities/National Repository of Molecules and National Collection of Industrial Micro Organisms Resource Centre (NCIMRC)	74.675	19.870	29.944	16.000
46	Clean Water: Sustainable Options (Clean Water)	0.000	34.350	40.844	30.770
47	Open Source Drug Discovery programme (OSDD)	31.900	44.200	10.000	
48	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	9.972	2.930
49	Novel Approaches for Solar energy conversion - a TAPSUN project	151.850	92.342	97.371	72.900
50	Innovative solution for solar energy storage under CSIR - a TAPSUN project	220.480	91.284	90.918	58.640
51	Non Invasive Pulse Monitoring Device (NIPMD)	20.960	0.000	0.000	
52	R&D Activities Focused at Rural Development (RSP4022)	0.000	0.000	71.560	
	Laboratory: CSIR-NCL	**4653.532**	**3711.802**	**4290.306**	**3264.445**
	Laboratory: CSIR-NEERI				
1	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	25.073	34.130	29.180	27.020
2	Clean Coal Technology (TapCoal)	4.720	3.061	3.880	6.110
3	Waste to Wealth - Waste plastics (W2W)	4.452	3.559	3.243	2.842
4	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	17.270	25.540	10.089	9.290

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
5	Centre of Excellence: Waste Utilization and Management (WUM)	481.178	456.774	314.911	237.400
6	National Clean Air Mission (NCAM)	496.288	184.073	150.851	182.440
7	Clean Water: Sustainable Options (Clean Water)	72.514	183.859	198.970	240.160
8	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	7.139	1.668	0.000	
9	Vulnerability assessment and development of adaption strategies for climate change impact with special reference to coasts and island ecosystems of India (VACCIN)	0.000	0.000	42.650	29.050
10	Innovative solution for solar energy storage under CSIR - a TAPSUN project	118.427	64.500	88.282	41.580
11	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	21.161	41.540	29.120	25.590
12	Measurement for Innovation in Science & Technology (MIST)	24.749	16.550	64.301	13.400
13	Probing the Ch anging Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	16.335	9.730	23.168	23.668
14	Sisal- potentials for Rural Development & Green Technology	0.000	4.500	0.000	
15	Dissemination and showcasing of CSIR rural Technologies	0.000	7.500	0.000	
16	Dissemination, Training and Demonstration of appropriate rural housing technologies	0.000	3.500	0.000	
17	R&D Activities Focused at Rural Development (RSP4017)	0.000	0.000	33.299	
18	R&D Activities Focused at Rural Development (RSP4018)	0.000	0.000	30.500	
19	R&D Activities Focused at Rural Development (RSP4019)	0.000	0.000	34.200	
Laboratory:CSIR-NEERI		**1289.305**	**1040.484**	**1056.645**	**838.550**
Total of Maharashtra		**5942.837**	**33746.986**	**5346.951**	**4102.995**
State / U.T. :Odisha					
Laboratory:CSIR-IMMT					
1	Multifunctional electrodes and Electrolytes for Future Technologies (MUTLIFUN)	37.693	24.062	63.834	18.350
2	Potassic (K) fertilizer Technology to Empower the Nation (K-TEN)	43.808	39.625	52.317	61.250
3	Development of Sustainable Waste Management Technologies for Chemical and Allied Industries (SETCA)	13.661	8.706	7.757	6.870
4	Biomass to Energy (BioEn)	16.944	9.694	12.450	7.192
5	Environmental Research Initiative for Paper and Process Industry (ERIPP)	24.228	6.112	7.143	10.800
6	Sustainable Technologies for the Utilization of Rare Earths (SURE)	60.338	29.463	21.907	37.254
7	Speciality Materials based on Engineered Clays (SPECS)	26.397	12.314	15.298	23.900
8	Novel Energy Effective Metallic Materials for Automotive and General Engineering Application (LWM)	59.619	47.753	12.725	10.940
9	Advanced ceramics materials and components for energy and structural application	22.508	4.199	7.042	8.685

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
10	Development of Zero Waste Technology for Processing and Utilization of Thermal Coal (ZWT-CUP)	11.863	12.034	17.015	21.840
11	Robotics and Micro Machines (ROuM)	47.205	25.759	14.158	17.430
12	Minerals to Metals for Sustainable Planet (MINMET)	322.060	162.383	315.684	773.418
13	Processing of natural gemstones for aesthetic improvement and value addition (PNG)	752.990	117.294	128.720	183.480
14	Clean Water: Sustainable Options (Clean Water)	0.000	5.145	7.326	7.830
15	Centre for Special Materials (CSM)	289.381	184.882	120.556	163.000
16	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	6.966	2.930
17	Innovative solution for solar energy storage under CSIR - a TAPSUN project	34.826	15.781	17.811	15.000
18	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	61.677	35.028	14.350	21.830
19	Probing the Changing Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	12.148	9.199	11.690	13.192
20	Development of techniques and demonstration for improving rural tanning	0.000	8.680	0.000	
21	R&D Activities Focused at Rural Development (RSP4020)	0.000	0.000	50.912	
	Laboratory: CSIR-IMMT	**1837.345**	**758.113**	**905.663**	**1405.191**
	Total of Odisha	**1837.345**	**34505.099**	**905.663**	**1405.191**

State / U.T. : Rajasthan

Laboratory: CSIR-CEERI

1	Effective Application of Community Health Efforts through New Age, IT Based Modes (EACH-IT)	0.000	9.450	14.050	10.600
2	Clean Coal Technology (TapCoal)	16.386	16.990	7.370	7.370
3	Creating intellectual property and capabilities for the development of improved security features and substrates for the Indian currency note (FUTURE)	53.973	18.435	55.282	15.050
4	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	101.535	53.850	54.450	52.720
5	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	8.819	5.448	7.163	7.640
6	Technology Solutions for Micro Air Vehicle Development (MAT)	20.867	37.665	39.927	43.820
7	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL)	44.000	24.475	21.091	20.400

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
8	Robotics and Micro Machines (ROuM)	12.040	15.428	19.510	18.250
9	Autonomous Underwater Robotics (UnWaR)	82.627	48.160	43.500	34.500
10	Clean Water: Sustainable Options (Clean Water)	0.000	7.830	6.130	4.550
11	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.906	2.851	0.000
12	Efficient silicon photovotaics with smart electronics and lighting systems- a TAPSUN Project	523.423	174.641	130.172	137.750
13	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	1193.424	822.156	770.166	419.160
14	Research Initiative on Nano Devices and Nano-Sensors (R-Nano)	412.499	201.915	496.853	277.000
15	Advanced Instrumentation Solutions for Health Care and Agro-based Applications (ASHA)	22.523	19.728	7.251	9.700
16	Development of Advanced Materials for Next-Generation Energy-Efficient Devices (D-NEED)	103.200	40.500	115.833	45.600
17	Advanced Quantum Research and Innovation with Ultra Small Systems (AQuaRIUS)	0.000	160.000	0.000	
18	Advanced Microsensors and Microsystems : Design, Development and Applications (MicroSensys)	514.900	275.750 3	53.478	338.000
19	Advanced Facility for Nano Electronics (AFNE)	29.625	32.000	25.369	39.000
	Laboratory: CSIR-CEERI	**3139.843**	**1971.327**	**2170.446**	**1481.110**
	Total of Rajasthan	**3139.843**	**36476.426**	**2170.446**	**1481.110**
	State / U.T. : Tamil Nadu				
	Laboratory: CSIR-CECRI				
1	Multifunctional electrodes and Electrolytes for Future Technologies (MUTLIFUN)	1468.597	910.535	2115.093	520.262
2	Zero Emission Research Initiative for Solid Wastes from Leather (ZERIS)	13.885	14.453	19.300	19.100
3	Potassic (K) fertilizer Technology to Empower the Nation (K-TEN)	26.550	39.600	30.000	26.000
4	Development of Sustainable Waste Management Technologies for Chemical and Allied Industries (SETCA)	48.430	51.982	43.100	26.990
5	Intelligent Coatings (IntelCoat)	674.417	231.206	231.400	210.500
6	Advanced Carbon Materials (AdCarbMate)	29.199	38.014	27.820	29.320
7	Hydrogen Energy: Overcoming materials challenges in PEMFC towards generation, separation, storage and conversion of hydrogen (HYDEN)	110.863	148.225	172.880	136.800
8	A Multi-Scale Simulation and Modeling Approach to Designing Smart Functional Materials for use in Energy, Electrochemistry and Bio-mimetics (MSM)	19.875	23.031	18.750	19.189
9	Sustainable Technologies for the Utilization of Rare Earths (SURE)	47.189	38.188	45.808	28.558

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
10	Molecules to Materials to Devices (M2D)	313.065	242.102	83.873	60.820
11	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL)	23.700	21.675	21.200	21.700
12	Clean Water: Sustainable Options (Clean Water)	0.000	4.750	6.250	5.250
13	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.125	2.328	0.000	
14	Novel Approaches for Solar energy conversion - a TAPSUN project	68.745	56.200	48.350	33.400
15	Innovative solution for solar energy storage under CSIR - a TAPSUN project	634.327	1049.255	240.035	61.150
16	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	27.410	6.750	8.490	6.690
17	Development of Advanced Materials for Next-Generation Energy-Efficient Devices (D-NEED)	7.500	9.229	12.500	12.500
18	Strategic Rural Income enhancements by Medicinal & Industrial plants based technologies	0.000	11.500	0.000	
19	R&D Activities Focused at Rural Development (RSP4011)	0.000	0.000	1.267	
	Laboratory: CSIR-CECRI	**3518.878**	**2899.023**	**3126.115**	**1218.229**
	Laboratory: CSIR-CLRI				
1	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	29.312	13.177	18.590	22.730
2	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	18.709	16.010	21.264	20.760
3	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	3.550	2.080	5.813	6.600
4	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	39.925	3.130	3.219	4.920
5	Zero Emission Research Initiative for Solid Wastes from Leather (ZERIS)	200.378	249.208	353.624	274.000
6	Membrane & Adsorbent Technology Platform for Effective Separation of Gases and Liquids (MATES)	10.303	9.749	9.016	9.870
7	Development of Sustainable Waste Management Technologies for Chemical and Allied Industries (SETCA)	27.264	19.312	19.236	16.690
8	Biomass to Energy (BioEn)	18.511	14.523	12.901	14.695
9	Innovate, develop and up-scale modular, agile, intensified and continuous processes and plants (Indus MAGIC)	17.210	14.845	23.364	20.500
10	Encapsulated Microorganisms for Environmental Protection (EMEP)	26.419	23.548	14.809	18.320
11	A Multi-Scale Simulation and Modeling Approach to Designing Smart Functional Materials for use in Energy, Electrochemistry and Bio-mimetics (MSM)	4.234	21.070	3.167	3.714
12	Environmental Research Initiative for Paper and Process Industry (ERIPP)	18.250	13.845	15.042	13.300
13	Sustainable Technologies for the Utilization of Rare Earths (SURE)	5.502	11.564	4.890	6.892
14	Molecules to Materials to Devices (M2D)	23.381	15.438	12.013	11.460
15	Science and Technology Revolution in Leather with a Green Touch (STRAIT)	1270.978	1024.402	1188.840	1121.600

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
16	Research Initiative for Waterless Tanning (RIWT)	44.504	41.340	159.672	61.200
17	Advance Drug Delivery System (ADD)	25.384	15.333	21.504	22.924
18	Design Innovation for Smart Material Transformation Yeaning Leather Life Style Products (D'STYLE)	114.240	41.026	94.600	43.640
19	Development and Application of Technologies for Sustainable Transportation (SUSTRANS)	19.775	14.617	14.811	9.875
20	Open Source Drug Discovery programme (OSDD)	12.428	2.994	1.162	
21	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	9.176	2.930
22	Novel Approaches for Solar energy conversion - a TAPSUN project	57.425	39.500	48.073	33.720
23	Efficient silicon photovotaics with smart electronics and lighting systems- a TAPSUN Project	31.697	39.225	26.138	28.850
24	Development of novel leather products based on ethnic designs	10.000	0.000	0.000	
25	R&D Activities Focused at Rural Development (RSP4005)	0.000	0.000	23.327	
26	R&D project pertaining to Rural Development (RSP)	0.000	17.000	0.000	
	Laboratory: CSIR-CLRI	**2029.377**	**1662.936**	**2104.252**	**1769.190**
Laboratory:CSIR-MDCX					
1	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.906	2.826	0.000
	Laboratory: CSIR-MDCX	**0.000**	**6.906**	**2.826**	**0.000**
Laboratory:CSIR-SERC					
1	Potassic (K) fertilizer Technology to Empower the Nation (K-TEN)	4.935	6.070	6.260	5.380
2	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL)	394.035	401.770	449.507	211.700
3	Engineering Sustainable Materials and Structures Action Plan I: Sustainability Through Eco-Balancing (SUSMAS)	588.579	690.894	659.240	507.000
4	Engineering Sustainable Materials and Structures Action Plan II: Sustainability Through Nano-Technology and Bio-Mimetics (eNano-Tics)	590.866	608.257	554.964	367.000
5	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	7.321	2.850	0.000
6	Innovation Complexes	2145.041	21.702	0.317	
7	R&D Activities Focused at Rural Development (RSP4026)	0.000	0.000	47.000	

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
	Laboratory: CSIR-SERC	**3723.455**	**1736.014**	**1720.137**	**1091.080**
	Total of Tamil Nadu	**9271.709**	**42781.305**	**6953.332**	**4078.499**
State / U.T. : Telengana					
	Laboratory: CSIR-CCMB				
1	Factors Governing competent gamete production and reproductive dysfunction (PROGRAM)	53.750	53.580	80.000	87.900
2	Towards holistic understanding of Complex Diseases: Unraveling the Threads of Complex Diseases (THUNDER)	60.300	62.750	78.240	49.800
3	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	190.300	187.622	388.592	120.500
4	Emerging and re-emerging challenges in infectious diseases: Systems based drug design for infectious diseases (SPIenDID)	46.500	29.050	40.900	49.400
5	Genomics of Medicinal Plants and Agronomically Important Traits (PlaGen)	4.440	4.895	5.170	6.600
6	Medicinal Chemistry for stem cell biology and regenerative medicine (MEDCHEM)	233.000	87.150	120.500	124.000
7	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	47.345	45.400	59.350	75.350
8	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	79.815	77.130	86.990	91.990
9	Understanding supra molecular ensembles and machines (UNSEEN)	51.500	43.300	49.068	51.000
10	Host Interactome analysis: Understanding the Role of Host molecules in Parasitic Infection (HOPE)	30.140	29.798	50.862	30.780
11	Neurodegenerative diseases: Causes and Corrections (miND)	275.543	133.920	192.932	170.700
12	Plant-Microbe and Soil Interactions (PMSI)	157.621	115.550	143.050	156.390
13	Epigenetics in Health and Disease (EpiHeD)	510.738	425.840	854.131	419.635
14	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	42.250	26.300	23.404	30.600
15	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	193.450	186.240	213.147	187.600
16	Centre for Cardiovascular and Metabolic Disease Research (CARDIOMED)	282.000	139.175	193.744	120.480
17	Genome Dynamics in cellular organization, differentiation and enantiostasis (GenCODE)	26.000	29.625	47.915	44.000
18	Conservation of endangered animals of India: Molecular Genetics and Reproduction Approaches (ConservE)	174.400	155.696	176.000	196.000
19	Biology of Ageing and Human Health (BioAGE)	1069.500	595.890	709.116	548.500
20	Plant Breeding, Genomics and Biotechnology (PLOMICS)	200.510	204.040	245.113	245.060
21	Towards Understanding skin Cell Homeostasis (TOUCH)	13.904	16.106	22.808	22.808
22	Natural Products as Affordable Healthcare Agents (NaPAHA)	19.400	8.100	11.500	11.800

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
23	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	10.292	11.132	13.739	16.309
24	Multi-agent Therapy for Cancer: A System Biology Approach	0.000	10.000	0.000	
25	Inter-agency Project	0.000	1.104	0.000	
26	Project on Conservation of Endangered Species	50.000	2.396	0.000	
27	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	9.030	2.930
28	Innovation Complexes	783.345	0.000	0.000	
29	Indian Aquatic Ecosystems: Impact of Deoxygenation, Eutrophication and Acidification (INDIAS IDEA)	13.240	15.625	38.645	22.510
30	R&D Activities Focused at Rural Development (RSP4009)	0.000	0.000	49.500	
31	R&D Activities Focused at Rural Development (RSP4010)	0.000	0.000	27.800	
	Laboratory: CSIR-CCMB	**4619.283**	**2697.414**	**3931.246**	**2882.642**
	Laboratory: CSIR-IICT				
1	Towards holistic understanding of Complex Diseases: Unraveling the Threads of Complex Diseases (THUNDER)	33.550	12.080	15.600	18.100
2	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	15.900	19.540	102.600	27.600
3	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	89.900	8.680	11.040	11.040
4	Neurodegenerative diseases: Causes and Corrections (miND)	57.600	25.615	45.900	39.100
5	Therapeutics of Chronic Obstructive Pulmonary Disease (COPD) and Related Respiratory Disorders (TREAT)	43.500	32.950	47.500	48.200
6	Epigenetics in Health and Disease (EpiHeD)	46.473	26.529	38.945	37.115
7	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	72.160	25.492	32.314	32.820
8	Genome Dynamics in cellular organization, differentiation and enantiostasis (GenCODE)	55.500	49.875	85.500	75.500
9	Multifunctional electrodes and Electrolytes for Future Technologies (MUTLIFUN)	35.480	11.713	0.000	
10	Membrane & Adsorbent Technology Platform for Effective Separation of Gases and Liquids (MATES)	68.590	50.160	35.030	30.680
11	Biocatalysts for Industrial Applications & Greener Organic Synthesis (BIAGOS)	62.247	70.200	56.800	48.800
12	Inherently Safer Practices for Industrial Risk Reduction (INSPIRE)	85.308	84.450	55.000	56.870
13	Organic reactions in generating innovative and natural scaffolds (ORIGIN)	691.620	854.193	950.950	490.850
14	Non-Infringing chemistry and engineering for pharmaceuticals (NICE-P)	46.705	41.739	45.240	43.540
15	Metabolic profiling of human body fluids by MS and NMR (CMET)	77.170	136.647	118.530	118.550
16	Screening molecules in lead exploration (SMiLE)	402.650	257.263	822.190	293.360

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
17	Development of Sustainable Processes for Edible Oils with Health Benefits from Traditional and New Resources (PEOPLE HOPE)	278.708	141.956	185.342	181.072
18	Development of Sustainable Waste Management Technologies for Chemical and Allied Industries (SETCA)	90.160	103.497	123.950	72.250
19	Intelligent Coatings (IntelCoat)	529.490	380.889	257.566	220.610
20	Biomass to Energy (BioEn)	152.551	119.362	100.206	56.626
21	New generation lubricants and additives (GenLube)	20.218	6.876	6.475	6.475
22	Innovate, develop and up-scale modular, agile, intensified and continuous processes and plants (Indus MAGIC)	204.750	180.400	193.000	130.000
23	Catalysts for Speciality Chemicals (CSC)	64.110	40.980	31.600	31.800
24	Natural Products as Affordable Healthcare Agents (NaPAHA)	28.050	30.900	30.100	28.100
25	Sustainable Technologies for the Utilization of Rare Earths (SURE)	48.765	42.040	25.704	15.204
26	Development of functional foods and their formulations for potential health benefits of common man (FUNHEALTH)	10.900	12.075	12.500	10.100
27	Molecules to Materials to Devices (M2D)	85.499	27.795	101.980	28.950
28	Speciality Materials based on Engineered Clays (SPECS)	16.850	5.857	9.060	6.830
29	Development of Innovative Technologies for Strategic Flurochemicals (DITSF)	146.750	197.900	104.000	113.800
30	Development of Novel Vaccine Adjuvants (DENOVA)	134.397	114.293	236.440	102.390
31	Affordable Cancer Therapeutics (ACT)	198.830	203.570	180.836	120.850
32	Advance Drug Delivery System (ADD)	235.102	63.252	281.251	91.231
33	Augmentation of Analytical Research Facilities (AARF)	0.000	0.000	59.260	59.260
34	National Repository of Molecules (NORMS)	36.535	162.312	0.000	
35	Centre of Excellence: Waste Utilization and Management (WUM)	14.035	7.535	7.455	6.455
36	Open Source Drug Discovery programme (OSDD)	41.880	87.000	25.127	
37	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.906	2.850	0.000
38	Integrated Analysis for Impact, Mitigation and Sustainability (IAIMS): Regional Climate Modelling at Decade Scale	16.000	0.000	0.000	
39	Novel Approaches for Solar energy conversion - a TAPSUN project	262.705	140.300	164.212	80.650
40	Efficient silicon photovotaics with smart electronics and lighting systems- a TAPSUN Project	72.902	53.100	27.750	19.298
41	Innovative solution for solar energy storage under CSIR - a TAPSUN project	205.818	68.792	135.470	53.660
42	Tea farm mechanization	0.000	10.000	0.000	
43	Tea advisory services for production of quality tea	0.000	10.000	0.000	
44	R&D Activities Focused at Rural Development (RSP4027)	0.000	0.000	99.200	

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
	Laboratory: CSIR-IICT	**4779.359**	**3924.713**	**4864.474**	**2807.736**
Laboratory:CSIR-NGRI					
1	Potassic (K) fertilizer Technology to Empower the Nation (K-TEN)	6.195	14.025	17.050	0.500
2	Development of underground coal gasification technology in India (CoalGasUrja)	8.525	19.748	11.430	11.430
3	Development of suitable design methodology for extraction of coal at greater depths (>300 m) for Indian geomining conditions (DeepCoal)	9.300	27.064	23.704	12.400
4	Clean Water: Sustainable Options (Clean Water)	0.000	5.010	6.830	4.270
5	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.906	2.850	0.000
6	Advanced Research in Engineering & Earth Sciences: Data intensive modelling and crowd sourcing approach (ARiEES)	15.650	6.100	8.300	8.300
7	Geodynamic and Earthquake generating processes in NE India and Andaman Subduction Zone (GENIAS)	208.150	186.153	203.250	171.750
8	Geological processes in the Indian Ocean - Understanding the input fluxes, sinks and Paleoceanography (GEOSINKS)	3.000	4.280	13.100	7.400
9	Geo-scientific investigations for deciphering the Earth’s internal processes and exploration of energy resources (GEOSCAPE)	124.405	153.280	181.560	149.060
10	Indian Aquatic Ecosystems: Impact of Deoxygenation, Eutrophication and Acidification (INDIAS IDEA)	15.840	20.020	37.700	21.260
11	Hazard due to Earthquakes and Tsunami in the Indian region (HEART)	176.982	191.652	218.822	177.554
12	India Deep Earth Exploration Programme (INDEX)	440.195	312.663	362.750	323.750
13	Shallow subsurface imaging of India for resource exploration (SHORE)	889.601	520.050	597.215	471.000
14	R&D Activities Focused at Rural Development (RSP4012)	0.000	0.000	95.000	
	Laboratory: CSIR-NGRI	**1897.843**	**1466.951**	**1779.561**	**1358.674**
	Total of Telengana	**11296.485**	**50870.383**	**10575.281**	**7049.052**

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
State / U.T. : Uttar Pradesh					
	Laboratory: CSIR-CDRI				
1	Factors Governing competent gamete production and reproductive dysfunction (PROGRAM)	327.370	228.820	296.942	263.400
2	Towards holistic understanding of Complex Diseases: Unraveling the Threads of Complex Diseases (THUNDER)	710.550	515.680	454.298	442.000
3	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	417.870	412.240	342.000	340.500
4	Emerging and re-emerging challenges in infectious diseases: Systems based drug design for infectious diseases (SPIenDID)	600.316	253.320	546.299	294.400
5	Bioprospection of plant resources and other natural products (BioprosPR)	117.750	119.353	148.500	180.700
6	Medicinal Chemistry for stem cell biology and regenerative medicine (MEDCHEM)	57.650	25.679	36.000	20.200
7	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	88.623	62.918	75.910	62.910
8	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	58.220	20.520	26.020	23.320
9	Understanding supra molecular ensembles and machines (UNSEEN)	140.650	82.904	137.550	122.000
10	Host Interactome analysis: Understanding the Role of Host molecules in Parasitic Infection (HOPE)	329.890	160.050	340.700	280.400
11	Neurodegenerative diseases: Causes and Corrections (miND)	83.850	26.284	28.100	22.300
12	Epigenetics in Health and Disease (EpiHeD)	103.376	46.154	56.547	52.200
13	Man as a Superorganism: Understanding the Human Microbiome (HUM)	38.715	15.494	22.049	23.120
14	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	100.751	120.200	57.500	63.500
15	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	24.850	20.948	32.101	23.600
16	Genome Dynamics in cellular organization, differentiation and enantiostasis (GenCODE)	21.250	22.910	36.750	23.250
17	Anabolic Skeletal Targets in Health and Illness (ASTHI)	469.888	328.200	292.497	307.000
18	Setting up of World Class Drug Research Institute	0.000	4000.000	1045.473	
19	Advance Drug Delivery System (ADD)	38.699	11.544	14.253	14.754
20	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	70.969	15.669	25.309	20.674
21	Open Source Drug Discovery programme (OSDD)	46.336	42.220	9.500	
22	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	5.645	2.322	0.000	
23	Measurement for Innovation in Science & Technology (MIST)	24.000	16.400	15.001	10.000
	Laboratory: CSIR-CDRI	**3877.217**	**6549.829**	**4039.298**	**2590.228**

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
Laboratory:CSIR-CIMAP					
1	New initiatives to boost agriculture productivity through maximizing pre- and post-harvest yields (AGROPATHY)	46.794	35.020	36.759	19.920
2	Bioprospection of plant resources and other natural products (BioprosPR)	30.534	31.959	38.846	49.400
3	Genomics of Medicinal Plants and Agronomically Important Traits (PlaGen)	42.522	28.380	43.121	36.680
4	Plant Diversity: Studying adaptation biology and understanding/exploiting medicinally important plants for useful bioactives (SIMPLE)	104.710	65.580	57.760	71.260
5	Introduction, domestication, improvement and cultivation of economically important plants (AGTEC)	116.879	84.103	125.625	95.469
6	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	30.335	22.910	26.560	26.590
7	Plant-Microbe and Soil Interactions (PMSI)	72.907	64.900	42.642	53.900
8	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	33.656	26.687	15.400	15.300
9	S&T interventions to combat malnutrition in women and children (HCP07)	10.125	12.540	14.634	3.707
10	Chemical Biology of Ocimum and other Aromatic Plants (ChemBio)	662.277	894.894	1021.686	520.055
11	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	9.832	2.930
12	Integrated Analysis for Impact, Mitigation and Sustainability (IAIMS): Regional Climate Modelling at Decade Scale	7.500	0.000	0.000	
13	Tea advisory services for production of quality tea	0.000	20.035	0.000	
14	R&D Activities Focused at Rural Development (RSP4001)	0.000	0.000	45.549	50.966
15	R&D Activities Focused at Rural Development (RSP4004)	0.000	0.000	83.048	
	Laboratory: CSIR-CIMAP	**1158.239**	**1287.008**	**1561.462**	**946.177**
Laboratory: CSIR-HRDC					
1	Analysis and Monitoring of patent applications in International Patent Office for preventing misappropriation of Indias Traditional Knowledge (TKDL)	208.684	121.517	131.860	
2	Traditional Knowledge Digital Library 2020 (Enhanced TKDL-2020)	197.040	242.450	197.006	
	Laboratory: CSIR-HRDC	**405.725**	**363.967**	**328.866**	

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
Laboratory:CSIR-IITR					
1	New Approaches Towards Understanding of Disease Dynamics and to Accelerate Drug Discovery (UNDO)	105.900	69.040	99.200	104.200
2	Bioprospection of plant resources and other natural products (BioprosPR)	6.700	11.226	14.400	14.400
3	Medicinal Chemistry for stem cell biology and regenerative medicine (MEDCHEM)	15.125	16.632	20.650	10.150
4	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	352.124	324.070	415.380	415.970
5	Nanomaterials: Applications and Impact on Safety, Health and Environment (NanoSHE)	328.320	343.412	461.321	441.320
6	Neurodegenerative diseases: Causes and Corrections (miND)	73.250	88.151	105.500	105.500
7	Epigenetics in Health and Disease (EpiHeD)	18.450	19.300	26.250	19.000
8	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	19.300	7.251	12.800	10.400
9	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	13.370	25.321	19.970	19.770
10	Towards Understanding skin Cell Homeostasis (TOUCH)	46.163	45.375	54.125	54.125
11	Advance Drug Delivery System (ADD)	3.190	2.719	4.000	4.000
12	Clean Water: Sustainable Options (Clean Water)	0.000	5.650	6.150	6.150
13	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	10.120	2.930
14	Measurement for Innovation in Science & Technology (MIST)	59.350	15.450	23.700	6.130
	Laboratory: CSIR-IITR	**1041.242**	**973.597**	**1273.565**	**1214.045**
Laboratory: CSIR-NBRI					
1	Bioprospection of plant resources and other natural products (BioprosPR)	88.625	79.150	94.909	125.800
2	Genomics of Medicinal Plants and Agronomically Important Traits (PlaGen)	166.429	180.510	277.371	244.210
3	Plant Diversity: Studying adaptation biology and understanding/exploiting medicinally important plants for useful bioactives (SIMPLE)	284.545	250.255	244.697	233.780
4	Introduction, domestication, improvement and cultivation of economically important plants (AGTEC)	128.621	119.806	82.483	61.214
5	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	58.876	42.699	49.133	57.850
6	Plant-Microbe and Soil Interactions (PMSI)	88.010	74.249	100.499	99.900
7	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	29.900	22.100	23.900	19.500
8	S&T interventions to combat malnutrition in women and children (HCP07)	9.713	27.121	39.064	6.476
9	Root Biology and its correlation to sustainable plant development and soil fertility (RootSF)	1350.900	993.851	1255.064	1149.900
10	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.906	2.470	0.000
11	Probing the Changing Atmosphere and its Impacts in Indo-Gangetic Plains (IGP) and Himalayan Regions (AIM-IGPHim)	50.942	21.921	23.300	13.884

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
12	R&D Activities Focused at Rural Development (RSP4001)	0.000	0.000	87.300	28.000
13	R&D Activities Focused at Rural Development (RSP4025)	0.000	0.000	100.000	
14	Rural Development (RSP94)	0.000	20.000	0.000	
	Laboratory: CSIR-NBRI	**2256.561**	**1838.568**	**2380.188**	**2040.514**
	Total of Uttar Pradesh	**8738.983**	**61883.352**	**9583.379**	**6790.964**
	State / U.T. : Uttarakhand				
	Laboratory: CSIR-CBRI				
1	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	438.575	281.760	171.465	222.564
2	Development of a technology for optimal extraction of locked-up coal from underground mines using artificial pillars (DeCoalArt)	17.425	17.616	15.495	14.150
3	Robotics and Micro Machines (ROuM)	26.670	17.750	12.008	13.500
4	Innovative Materials and Technologies for Next Generation Green buildings (INMATE-NGGB)	255.500	421.183	188.758	192.649
5	Clean Water: Sustainable Options (Clean Water)	0.000	4.500	3.713	4.350
6	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	7.350	2.328	0.000	
7	Advanced Research in Engineering & Earth Sciences: Data intensive modelling and crowd sourcing approach (ARiEES)	10.100	15.900	14.251	16.902
8	Advanced Instrumentation Solutions for Health Care and Agro-based Applications (ASHA)	20.740	10.688	4.450	9.190
9	R&D project pertaining to Rural Development	0.000	20.000	0.000	
10	R&D Activities Focused at Rural Development (RSP4002)	0.000	0.000	56.000	37.000
	Laboratory: CSIR-CBRI	**776.360**	**791.725**	**466.141**	**510.305**
	Laboratory: CSIR-IIP				
1	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	18.132	18.300	11.756	15.200
2	Clean Coal Technology (TapCoal)	67.685	61.406	15.692	12.520
3	Biocatalysts for Industrial Applications & Greener Organic Synthesis (BIAGOS)	6.153	42.675	7.072	8.150
4	Development of Sustainable Processes for Edible Oils with Health Benefits from Traditional and New Resources (PEOPLE HOPE)	13.941	12.127	13.164	8.810
5	Energy Efficient Technologies (E2++)	174.497	130.850	107.949	90.510

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
6	Biomass to Energy (BioEn)	128.253	76.940	41.416	35.729
7	Catalysts for Sustainable Energy (ECat)	530.410	249.571	223.139	225.450
8	New generation lubricants and additives (GenLube)	280.256	160.869	78.118	85.520
9	Research Initiative for Low Emissions (RILE)	219.052	144.081	135.901	165.000
10	Waste to Wealth - Waste plastics (W2W)	110.716	29.441	27.976	44.560
11	Advanced Carbon Materials (AdCarbMate)	27.479	31.608	26.717	31.900
12	Catalysts for Speciality Chemicals (CSC)	174.836	75.529	85.734	88.000
13	A Multi-Scale Simulation and Modeling Approach to Designing Smart Functional Materials for use in Energy, Electrochemistry and Bio-mimetics (MSM)	56.402	11.076	10.254	13.515
14	Natural Products as Affordable Healthcare Agents (NaPAHA)	8.907	17.890	8.239	9.000
15	Sustainable Technologies for the Utilization of Rare Earths (SURE)	44.547	58.771	16.466	27.144
16	Speciality Materials based on Engineered Clays (SPECS)	43.318	12.880	14.540	16.680
17	Centre of Excellence for HRD in Hydrocarbon (TrainAll)	0.000	0.000	492.500	336.745
18	Robotics and Micro Machines (ROuM)	8.259	59.112	9.720	8.460
19	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.622	2.758	0.000
20	Novel Approaches for Solar energy conversion - a TAPSUN project	49.570	38.151	0.000	
21	R&D Activities Focused at Rural Development (RSP4013)	0.000	0.000	72.359	
	Laboratory: CSIR-IIP	**1962.413**	**1237.899**	**1401.470**	**1222.893**
	Total of Uttarakhand	**2738.773**	**63912.976**	**1867.611**	**1733.198**
	State / U.T. : West Bengal				
	Laboratory: CSIR-CGCRI				
1	Multifunctional electrodes and Electrolytes for Future Technologies (MUTLIFUN)	27.719	9.544	21.569	11.570
2	Membrane & Adsorbent Technology Platform for Effective Separation of Gases and Liquids (MATES)	22.388	11.510	10.018	9.020
3	Intelligent Coatings (IntelCoat)	24.955	10.542	14.150	9.600
4	Energy Efficient Technologies (E2++)	11.741	16.427	9.608	9.256
5	Speciality Materials based on Engineered Clays (SPECS)	15.775	6.794	7.230	5.990
6	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	49.495	39.368	31.447	24.580

Rs. Lakh

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
7	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	561.173	235.233	156.442	86.736
8	Advanced ceramics materials and components for energy and structural application	973.144	779.863	688.735	515.350
9	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL)	38.956	23.724	19.474	19.100
10	Robotics and Micro Machines (ROuM)	67.449	14.494	17.621	16.620
11	Leadership in Specialty Glass and Optical Fiber Technologies (GLASSFIB)	1079.843	790.937	726.526	500.600
12	Clean Water: Sustainable Options (Clean Water)	0.000	11.425	11.505	8.350
13	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	7.719	2.707	0.000
14	Efficient silicon photovotaics with smart electronics and lighting systems- a TAPSUN Project	206.681	93.185	24.133	21.750
15	Innovative solution for solar energy storage under CSIR - a TAPSUN project	97.974	29.577	59.141	45.000
16	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	54.541	53.401	85.381	60.580
17	R&D Activities Focused at Rural Development (RSP4028)	0.000	0.000	11.278	16.000
18	R&D Activities Focused at Rural Development (RSP4029)	0.000	0.000	5.389	15.100
19	R&D Activities Focused at Rural Development (RSP4030)	0.000	0.000	2.476	30.000
20	R&D Activities Focused at Rural Development (RSP4031)	0.000	0.000	9.090	20.000
21	R&D Activities Focused at Rural Development (RSP4032)	0.000	0.000	0.746	4.550
22	R&D Activities Focused at Rural Development (RSP4033)	0.000	0.000	3.890	14.350
	Laboratory: CSIR-CGCRI	**3231.834**	**2133.743**	**1918.555**	**1444.102**
	Laboratory: CSIR-CMERI				
1	Multifunctional electrodes and Electrolytes for Future Technologies (MUTLIFUN)	8.500	4.513	11.636	8.380
2	Clean Coal Technology (TapCoal)	67.039	51.653	45.318	39.150
3	Novel Energy Effective Metallic Materials for Automotive and General Engineering Application (LWM)	33.461	11.008	14.496	16.040
4	Engineering of Disaster Mitigation and Health Monitoring for Safe and Smart Built Environment (EDMISSIBLE)	9.158	6.866	4.407	6.790
5	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	10.572	22.930	15.978	21.723
6	Development of a technology for optimal extraction of locked-up coal from underground mines using artificial pillars (DeCoalArt)	24.041	29.884	33.082	36.960
7	Innovative Technologies for Health Assessment and Damage Mitigation of Structures (I-HEAL)	19.626	20.285	9.533	17.500
8	Robotics and Micro Machines (ROuM)	890.044	869.151	872.040	629.728
9	Autonomous Underwater Robotics (UnWaR)	347.641	675.279	799.057	202.500

Rs. Lakh

Sl. No.	Title of the Project	2013-14	2014-15	2015-16	2016-17*
10	Intelligent devices and smart actuators (InDeSa)	229.021	172.569	169.136	232.640
11	Development of underground coal gasification technology in India (CoalGasUrja)	14.980	15.324	1.688	6.690
12	Development of suitable design methodology for extraction of coal at greater depths (>300 m) for Indian geomining conditions (DeepCoal)	2.748	2.269	3.862	10.852
13	Clean Water: Sustainable Options (Clean Water)	0.000	9.178	32.124	14.780
14	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	0.000	7.677	2.930
15	Efficient silicon photovotaics with smart electronics and lighting systems- a TAPSUN Project	180.721	87.529	44.277	45.750
16	Innovative solution for solar energy storage under CSIR - a TAPSUN project	56.932	22.042	15.368	13.750
17	Very High Power Microwave Tubes : Design and Development Capabilities (MTDDC)	14.736	12.352	17.696	23.800
18	Advanced Instrumentation Solutions for Health Care and Agro-based Applications (ASHA)	19.525	8.266	0.000	
19	Development of Advanced Materials for Next-Generation Energy-Efficient Devices (D-NEED)	6.500	20.734	27.564	21.200
20	Measurement for Innovation in Science & Technology (MIST)	13.005	3.597	6.274	5.000
21	Sisal- potentials for Rural Development & Green Technology	0.000	5.364	`0.000	
22	Dissemination and showcasing of CSIR rural Technologies	0.000	3.315	0.000	
23	Dissemination, Training and Demonstration of appropriate rural housing technologies	0.000	3.912	0.000	
24	Establishment of a Rural centre to carry out epidemiological study of various hereditary disorders and to create facility for their Genetic analysis	0.000	2.331	0.000	
25	Development of Electrochemical technologies for drinking water up-gradation in the North East region	0.000	2.056	0.000	
26	R&D Activities Focused at Rural Development (RSP4015)	0.000	0.000	20.500	18.500
27	R&D Activities Focused at Rural Development (RSP4016)	0.000	0.000	3.711	30.000
28	Spearhaeding Small Civilian Aircraft Design, Development and Manufacturing	94.000	1.550	0.000	
	Laboratory: CSIR-CMERI	**2042.249**	**2063.957**	**2155.424**	**1404.663**
	Laboratory: CSIR-IICB				
1	Factors Governing competent gamete production and reproductive dysfunction (PROGRAM)	69.393	62.706	87.700	74.300
2	Emerging and re-emerging challenges in infectious diseases: Systems based drug design for infectious diseases (SPIenDID)	11.650	13.200	19.996	20.000
3	Genomics of Medicinal Plants and Agronomically Important Traits (PlaGen)	8.750	11.025	9.934	10.000
4	Medicinal Chemistry for stem cell biology and regenerative medicine (MEDCHEM)	19.108	8.811	14.000	14.000
5	Integrated NextGen approaches in health disease and environmental toxicity (INDEPTH)	76.093	60.090	74.721	73.720

Sl. No.	Title of the Project	*2013-14*	*2014-15*	*2015-16*	*2016-17**
6	Understanding supra molecular ensembles and machines (UNSEEN)	164.104	126.742	178.345	179.950
7	Host Interactome analysis: Understanding the Role of Host molecules in Parasitic Infection (HOPE)	441.521	380.274	326.422	333.500
8	Neurodegenerative diseases: Causes and Corrections (miND)	363.609	283.725	339.299	311.600
9	Therapeutics of Chronic Obstructive Pulmonary Disease (COPD) and Related Respiratory Disorders (TREAT)	178.437	123.609	167.557	170.800
10	Plant-Microbe and Soil Interactions (PMSI)	25.911	16.095	22.219	15.400
11	Epigenetics in Health and Disease (EpiHeD)	10.125	11.850	14.249	8.750
12	Man as a Superorganism: Understanding the Human Microbiome (HUM)	144.194	104.561	133.312	106.917
13	Centre for BIOtherapeutic Molecule DISCOVERY (BIODISCOVERY)	108.657	83.207	93.000	96.400
14	Genomics and Informatics Solutions for Integrating Biology (GENESIS)	73.076	27.517	27.930	23.430
15	Genome Dynamics in cellular organization, differentiation and enantiostasis (GenCODE)	26.220	28.819	44.500	29.500
16	Bio-energetic Disorders: A multi-model approach to monitoring and management (BenD)	1110.347	444.424	534.536	521.200
17	Organic reactions in generating innovative and natural scaffolds (ORIGIN)	15.754	18.764	25.746	25.770
18	Development of Novel CSIR Technologies for Manufacturing Tailored and Patient-Specific Bioceramic Implants and Biomedical Devices at Affordable Cost (BIOCERAM)	57.967	127.000	61.526	63.694
19	CSIR Knowledge Gateway and Open Source Private Cloud Infrastructure (KNOWGATE)	0.000	6.905	2.843	0.000
20	Innovation Complexes	931.440	869.953	0.000	
21	Integrated Analysis for Impact, Mitigation and Sustainability (IAIMS): Regional Climate Modelling at Decade Scale	12.500	0.000	0.000	
	Laboratory: CSIR-IICB	**3848.855**	**2809.277**	**2177.837**	**2078.931**
	Total of West Bengal	**9122.938**	**70919.953**	**6251.816**	**4927.696**