

<b>3.2.3</b> <b>Q<sub>n</sub>M</b>	<p><b><i>Number of research projects per teacher funded by government and non-government agencies during the last five years</i></b></p> <p>3.2.3.1: Number of research projects funded by government and non-government agencies during the last five years</p> <p>3.2.3.2 : Number of full time teachers with research projects working in the institution during the last 5 years</p> <table border="1"> <thead> <tr> <th>Year</th> <th>2016-17</th> <th>2017-18</th> <th>2018-19</th> <th>2019-20</th> <th>2020-21</th> </tr> </thead> <tbody> <tr> <td>Number (projects)</td> <td>16</td> <td>30</td> <td>36</td> <td>21</td> <td>21</td> </tr> <tr> <td>Number (Teachers)</td> <td>54</td> <td>55</td> <td>53</td> <td>51</td> <td>48</td> </tr> </tbody> </table> <p>Data to be provided for the last five years:(As per Data Template)</p> <ul style="list-style-type: none"> <li>• Name of the Principal Investigator</li> <li>• Duration of project</li> <li>• Name of the research project</li> <li>• Amount / Fund received</li> <li>• Name of funding agency</li> <li>• Year of sanction</li> <li>• Department of the recipient</li> </ul> <p>Formula:</p> $\frac{\text{Total number of research projects funded by government and non – government agencies during the last five years}}{\text{Average number of full time teachers during the last five years}}$ <p><b>File Description (Upload)</b></p> <ul style="list-style-type: none"> <li>• Provide the List of research projects and funding details (Data Template as of 3.1.6)</li> <li>• Any additional information</li> <li>• Supporting document from the Funding Agency</li> <li>• Provide the Link for the funding agency website</li> </ul>	Year	2016-17	2017-18	2018-19	2019-20	2020-21	Number (projects)	16	30	36	21	21	Number (Teachers)	54	55	53	51	48	<b>5</b>
Year	2016-17	2017-18	2018-19	2019-20	2020-21															
Number (projects)	16	30	36	21	21															
Number (Teachers)	54	55	53	51	48															

#### DVV requirement

	Name of the PI	Duration of the Project	Name of the Research Project	Amount / Funds Received	Name of the Funding Agency	Year of Award	Department of Principal Investigator
1	Dr. Chaithanya Madhurantakam	2016-2017	Structural studies on proteins involved in synthesis and processing of mycolic acids	21,10,000	<a href="#">Department of Biotechnology (DBT) (link)</a>	2016-2017	Department of Policy Studies

			in Mycobacterium tuberculosis				
2	Dr. Arabinda Mishra & Dr. Sudipto Chatterjee	2015-2018	Sustainable livelihood activities on reclaimed open cast coal mines: a technology enabled integrated approach in Indian Coal sector	1,00,00,000	<a href="#">Ministry of Coal (link)</a>	2016-2017	Department of Policy Studies
3	Dr. Piyanka Kaushal & Dr. Atul Kumar	2017-2019	Design, development and testing of a down draft gasifier system completed by hydrogen enrichment through air steam gasification	5,44,500	Ministry of Petroleum and Natural Gas <a href="https://mopng.gov.in/en">https://mopng.gov.in/en</a>	2016-2017	Department of Policy Studies
4	Dr. Girish Sethi	2015-2018	Implementation of Possible Improvement Measures Covering Energy Varanasi Cluster	23,40,000	Small Industries Development Bank of India (SIDBI) <a href="https://www.sidbi.in/en">https://www.sidbi.in/en</a>	2016-2017	Department of Energy & Environment
5	Dr. Ramakrishnan Sitaraman	2016-2018	National Post-Doctoral Fellowship to Dr Anil Kumar Verma, under the mentorship of Dr. Ramakrishnan Sitaraman	8,20,650	Departement of Science & Technology	2016-2017	Department of Energy & Environment
6	Dr. MP Ram Mohan & Dr. MV Shiju	2016-2018	Impact Analysis pf the Arunachal Pradesh Panchayati Raj Act 1997 on Traditional Institution in the State	6,00,000	Indian Council of Social Science Research <a href="https://icssr.org/">https://icssr.org/</a>	2016-2017	Department of Natural Resources
7	Dr. Chubamenla Jamir	2016-2017	GCFSI Innovation Grant	2,97,559	<a href="#">Michigan State University (link)</a>	2016-2017	Department of Policy Studies
8	Dr. Sapan Thapar	2016-2018	Addressing land issues for utility scale renewable energy development	38,21,498	Shakti Foundation <a href="https://shaktifoundation.in/">https://shaktifoundation.in/</a>	2016-2017	Department of Energy & Environment
9	Dr. Eshita Gupta	2015-2017	The Distribution Implications of Solar Water Pumping Program for Ground Water Irrigation in Rajasthan	2,74,323	South Asia Network of Economic Research Institutes <a href="https://www.devex.com/organizations/south-asia-network-of-economic-research-institutes-sanei-48442">https://www.devex.com/organizations/south-asia-network-of-economic-research-institutes-sanei-48442</a>	2016-2017	Department of Energy & Environment
10	Dr. Kavita Sardana	2014-2016	Economic Value of Biodiversity Conservation Provided by Forest and Agro Forest Ecosystem in Kodagu Dist.	2,29,025	South Asia Network of Economic Research Institutes <a href="https://www.devex.com/organizations/south-asia-network-of-economic-research-institutes-sanei-48443">https://www.devex.com/organizations/south-asia-network-of-economic-research-institutes-sanei-48443</a>	2016-2017	Department of Biotechnology
11	Dr. Shaleen Singhal	2016-2017	Scaling SCP Learning and Outreach through Awareness-raising among Key	96,54,101	<a href="#">The United Nations Environment Programme (UNEP) (link)</a>	2016-2017	Department of Biotechnology

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			SWITCH-Asia Target Audiences - SSFA II				
12	Dr. Arun Kansal	2014-2017	Strengthening Water and Sanitation in Urban Settings	1,39,67,500	<a href="#">The United States Agency for International Development (USAID) (link)</a>	2016-2017	Department of Biotechnology
13	Dr. Arun Kansal & Dr.Fawzia Tarannum	2015-2016	Posper.Net Young Researcher School : Sustainable energy for transforming Lives : Aailability, Accessibility, Affordability	3,39,923	<a href="#">United Nations University (link)</a>	2016-2017	Department of Biotechnology
14	Dr. Chander Kumar Singh	2016-2017	Local Coordinator for the UNU-IAS case study in Lucknow on "Low Carbon Urban Water Environment Project"	7,83,217	<a href="#">United Nations University (UNU) (link)</a>	2016-2017	Department of Biotechnology
15	Dr. Arun Kansal & Dr.Fawzia Tarannum	2016-2018	Landscape Approach for Land-Water-Community Security	12,00,000	<a href="#">Solidaridad Network Asia Limited (link)</a>	2016-2017	Department of Policy Studies
16	Dr. Kamna Sachdeva	2015-2017	Students to Work in Upper Ganga River Basin, India	9,54,792	<a href="#">The International Centre for Integrated Mountain Development (ICIMOD) (link)</a>	2016-2017	Department of Biotechnology
1	Dr. Sukanya Das	2016-2020	Rejuvenating the Ganga: Investigating the Potential for Decentralized Institutions, Technologies and Governance to Meet the Wastewater Challenge	3,15,670	AUBURN University (link) <a href="https://www.auburn.edu/">https://www.auburn.edu/</a>	2017-2018	Department of Biotechnology
2	Dr. Kamna Sachdeva	2017-2018	Air Quality Management - Plans using decision support system UrbAir India	2,80,800	Central Pollution Control Board (CPCB) <a href="https://cpcb.nic.in/">https://cpcb.nic.in/</a>	2017-2018	Department of Natural Resources
3	Dr. Chander Kumar Singh	2017-2019	Spatial Distribution of Uranium and associated water quality parameters in five districts of UP	18,52,825	<a href="#">Department of Atomic Energy (BRNS) (link)</a>	2017-2018	Department of Regional Water Studies
4	Dr. Shashi Bhushan Tripathi	2018-2020	Department of CMS /RF System in Bhut Jolokia using marker assisted selection	25,63,800	<a href="#">Department of Biotechnology (DBT) (link)</a>	2017-2018	Department of Policy Studies
5	Dr. Shashi Bhushan Tripathi	2018-2021	Collection, evaluation, documentation and conservation of banana genetic resources from north eastern region	9,04,000	<a href="#">Department of Biotechnology (DBT) (link)</a>	2017-2018	Department of Biotechnology
6	Dr. Chaithanya Madhurantakam	2016-2021	Structural studies on proteins involved in synthesis and	18,38,000	<a href="#">Department of Biotechnology (DBT) (link)</a>	2017-2018	Department of Natural

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			processing of mycolic acids in Mycobacterium tuberculosis				Resources
7	Dr. Sukanya Das	2014-2017	Supporting, Conolidation, replication and upscaling of sustainable waste water treatment and reuse technologies for India	4,40,000	Department of Science and Technology (DST) <a href="https://dst.gov.in/">https://dst.gov.in/</a>	2017-2018	Department of Biotechnology
8	Dr. Leena Srivastava	2017-2018	7 days Challenge Programme	4,00,000	Embassy of Sweden ; <a href="https://www.swedenabroad.se/en/embassies/india-new-delhi/">https://www.swedenabroad.se/en/embassies/india-new-delhi/</a>	2017-2018	Department of Policy Studies
9	Dr. Vinay Kumar Sinha	2017-2018	Preparation of the State Specific Action Plan for Water Sector	10,43,478	Government of Arunachal Pradesh <a href="https://www.arunachalpradesh.gov.in/">https://www.arunachalpradesh.gov.in/</a>	2017-2018	Department of Energy & Environment
10	Dr. Bhawna Bali	2017-2019	Urban Transition beyond Municipal Boundaries : A Comparative Spatial Analysis of the PERI-Urban Areas of Gurugram and Noida	3,20,000	<a href="#">Indian Council of Social Science Research (ICSSR) (link)</a>	2017-2018	Department of Energy & Environment
11	Dr. Arabindra Mishra & Dr. Sudipta Chatterjee	2015-2018	Sustainable livelihood activities on reclaimed open cast coal mines: a technology enabled integrated approach in Indian Coal sector	1,40,00,000	<a href="#">Ministry of Coal (link)</a>	2017-2018	Department of Energy & Environment
12	Dr. Pawan Kumar Joshi & Dr. Kamna Sachdeva	2013-2016	Development of Knowledge Based Decision Tool to Stimulate Mechanism of Vegetation Change Due to Climate Change in Western Himalayan Ecoregion	20,00,000	Ministry of Environment, Forest and Climate Change (MoEF) <a href="https://moef.gov.in/en/">https://moef.gov.in/en/</a>	2017-2018	Department of Energy & Environment
13	Dr. Priyanka Kaushal & Dr. Atul Kumar	2017-2019	Design, development and testing of a down draft gasifier system completed by hydrogen enrichment through air steam gasification	9,07,500	Ministry of Petroleum and Natural Gas <a href="https://mopng.gov.in/en">https://mopng.gov.in/en</a>	2017-2018	Department of Policy Studies
14	Dr. Shashi Bhushan Tripathi	2017-2018	Geotyping of the Four SNP's based on Either Agarose Gel Electro Phorisis or real time PCR	57,500	Nirmal Seeds Private Limited <a href="https://nirmalseedsindia.com/">https://nirmalseedsindia.com/</a>	2017-2018	Department of Energy & Environment
15	Dr. Girish Sethi	2015-2016	Implementation of Possible Improvement Measures Covering Energy Varanasi Cluster	8,27,250	Small Industries Development Bank of India (SIDBI) <a href="https://www.sidbi.in/en">https://www.sidbi.in/en</a>	2017-2018	Department of Natural Resources

16	Dr. Arun Kansal & Dr. Fawzia Tarannum	2017-2017	Landscape Approach for Land-Water-Community Security	9,00,000	<a href="#">Solidaridad Network Asia Limited (link)</a>	2017-2018	Department of Policy Studies
17	Dr. Chubamenla Jamir	2017-2018	Nutritional and Livelihood security of subsistence farmer in the hilly and mountain areas of the Hindu Kush Himalayan region	5,50,205	<a href="#">The International Centre for Integrated Mountain Development (ICIMOD) (link)</a>	2017-2018	Department of Energy & Environment
18	Dr. Prashant Kumar Singh	2017-2017	Students Field Placement	12,55,400	The Trustee's of Columbia University <a href="https://secretary.columbia.edu/trustees-columbia-university">https://secretary.columbia.edu/trustees-columbia-university</a>	2017-2018	Department of Energy & Environment
19	Dr. Shaleen Singhal	2017-2017	Support the Implementation of Lao PDR's Sustainable Consumption and Production Policy mainstreaming programme	12,83,750	<a href="#">The United Nations Environment Programme (UNEP) (link)</a>	2017-2018	Department of Energy & Environment
20	Dr. Chubamenla Jamir	2017-2018	Nutritional and Livelihood security of subsistence farmer in the hilly and mountain areas of the Hindu Kush Himalayan region	4,48,000	<a href="#">The United Nations Environment Programme (UNEP) (link)</a>	2017-2018	Department of Energy & Environment
21	Dr. Sudipta Chatterjee	2017-2018	Services of a Local Forestry Specialist (LFS)	4,16,990	<a href="#">The United States Agency for International Development (USAID) (link)</a>	2017-2018	Department of Energy & Environment
22	Dr. Arun Kansal	2014-2017	Strengthening Water and Sanitation in Urban Settings	2,11,91,500	<a href="#">The United States Agency for International Development (USAID) (link)</a>	2017-2018	Department of Energy & Environment
23	Dr. Atul Kumar	2017-2018	Research on Indian Future Energy Policy in line with the technical assistance agreement executed between TKM and TMC for production and sales of Toyota Vehicles in India	16,12,500	<a href="#">Toyota Kirloskar Motors Private Limited (link)</a>	2017-2018	Department of Energy & Environment
24	Dr. Chander Kumar Singh	2016-2017	Local Coordinator for the UNU-IAS case study in Lucknow on "Low Carbon Urban Water Environment Project"	7,47,089	<a href="#">United Nations University (UNU) (link)</a>	2017-2018	Department of Energy & Environment
25	Dr. Vinay Kumar Sinha	2017-2020	Modelling for Enhancing Water Quality in Uttarakhand using Geospatial Technology	20,60,000	Uttarakhand State Council for Science and Technology <a href="https://www.ucost.in/">https://www.ucost.in/</a>	2017-2018	Department of Energy & Environment

26	Dr. Smriti Das	2012-2014	Analyzing the Implementation of Forest Right Act (2006) - Community Right in Southern Rajasthan	46,650	Indian Council of Social Science Research <a href="https://icssr.org/">https://icssr.org/</a>	2017-2018	Department of Natural Resources
27	Dr. Anandita Singh	2017-2019	Financial Sanction under National Post Doctoral Fellowship to Ms. Aditi Jain vide dairy no. SERB/F/3627/2017-2018	9,65,192	<a href="#">Science and Engineering Research Board (SERB) (link)</a>	2017-2018	Department of Natural Resources
28	Dr. Amit Kumar	2015-2018	Developing and Implementing Smart Grids in India	6,03,280	<a href="#">Technische Universiteit (link)</a>	2017-2018	Department of Natural Resources
29	Dr. Abhijit Datey	2018-2019	Conducting Third Party Evaluation of the States/Union Territories regarding Implementation of Reforms under AMRUT	2,32,254	<a href="#">The National Institute of Urban Affairs (NIUA) (link)</a>	2017-2018	Department of Natural Resources
30	Dr. Arun Kansal	2018-2019	Service Agreement - Delivery of short course on Gender, Equity and Water Management	17,21,447	<a href="#">WaterEd Australia Pty. Ltd. (link)</a>	2017-2018	Department of Biotechnology
1	Dr. Leena Srivastava	2018-2019	A journey from climate apathy to empathy - Climate Jamboree	25,00,000	Coca Cola India Private Limited; <a href="https://www.coca-colaindia.com/">https://www.coca-colaindia.com/</a>	2018-2019	Department of Regional Water Studies
2	Dr. Chaithanya Madhurantakam	2016-2021	Structural studies on proteins involved in synthesis and processing of mycolic acids in Mycobacterium tuberculosis	19,22,600	<a href="#">Department of Biotechnology (DBT) (link)</a>	2018-2019	Department of Biotechnology
3	Dr. Udit Soni	2019-2022	Scalable synthesis of strach nanoparticles based adhesive/consolidants for conservation of cellulose based heritiage objects	6,11,280	Department of Science and Technology (DST) <a href="https://dst.gov.in/">https://dst.gov.in/</a>	2018-2019	Department of Biotechnology
4	Dr. Shashi Bhushan Tripathi	2017-2018	Genotyping by sequencing of 72 samples/genotypes of Polygonatum with Bioinformatics Analysis	2,80,368	Forest Research Institute <a href="http://fridu.edu.in/">http://fridu.edu.in/</a>	2018-2019	Department of Energy & Environment
5	Dr. Chaithanya Madhurantakam	2018-2021	Structural characterization of a non-specific acid phosphatase HppA from Helicobater pylori	18,40,625	<a href="#">Indian Council of Medical Research (ICMR) (link)</a>	2018-2019	Department of Energy & Environment

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6	Dr. Bhawna Bali	2017-2019	Urban Transition beyond Municipal Boundaries : A Comparative Spatial Analysis of the PERI-Urban Areas of Gurugram and Noida	3,20,000	<a href="#">Indian Council of Social Science Research (ICSSR) (link)</a>	2018-2019	Department of Energy & Environment
7	Dr. Deepty Jain	2018-2019	Towards an Integrated Global Transport and Health Assessment Tool (TIGTHAT)	50,000	<a href="#">Indian Institute of Technology (IIT) (link)</a>	2018-2019	Department of Energy & Environment
8	Dr. Chubamenla Jamir	2018-2020	Paddy Growing Culture of the Ao-Naga Tribe and Climate Change	1,33,710	<a href="#">Indira Gandhi National Centre for the Arts (IGNCA) (link)</a>	2018-2019	Department of Regional Water Studies
9	Dr. Smriti Das	2018-2019	Development of a framework for local implementation of the SDGs - Prosper.NET	2,04,000	Keio University, United Nations University <a href="https://www.keio.ac.jp/en/">https://www.keio.ac.jp/en/</a>	2018-2019	Department of Policy Studies
10	Dr. Pawan Kumar Joshi & Dr. Kamna Sachdeva	2013-2016	Development of Knowledge Based Decision Tool to Stimulate Mechanism of Vegetation Change Due to Climate Change in Western Himalayan Ecoregion	1,01,000	Ministry of Environment, Forest and Climate Change (MoEF) <a href="https://moef.gov.in/en/">https://moef.gov.in/en/</a>	2018-2019	Department of Policy Studies
11	Dr. Basudev Prasad	2014-2020	Energy Storage - Centre of Excellence	70,00,000	<a href="#">Ministry of Human Resource Development (MHRD) (link)</a>	2018-2019	Department of Natural Resources
12	Dr. Priyanka Kaushal & Dr. Atul Kumar	2017-2019	Design, development and testing of a down draft gasifier system completed by hydrogen enrichment through air steam gasification	2,00,000	Ministry of Petroleum and Natural Gas <a href="https://mopng.gov.in/en">https://mopng.gov.in/en</a>	2018-2019	Department of Policy Studies
13	Dr. Bhawna Bali	2017-2018	Capacity Building for Urban Development	1,52,075	<a href="#">Ministry of Urban Development (MoUD) (link)</a>	2018-2019	Department of Energy & Environment
14	Dr. Vinay Kumar Sinha	2019-2021	Water Resources Management through Spring and Catchment Rejuvenation in Utrakkhand for Improving Water Security	39,72,707	National Mission on Himalayan Studies (NMHS) <a href="https://www.nmhs.org.in/#!tab1">https://www.nmhs.org.in/#!tab1</a>	2018-2019	Department of Energy & Environment
15	Dr. Nithyanandam Yogeswaran	2016-2019	Developing advanced models for climate studies	3,97,900	National Security Council Secretariat (NSCS) <a href="https://issat.dcaf.ch/Share/People-Organisations/Organisations/National-Security-Council-Secretariat">https://issat.dcaf.ch/Share/People-Organisations/Organisations/National-Security-Council-Secretariat</a>	2018-2019	Department of Energy & Environment
16	Dr. Nithyanandam	2015-2019	Customized algorithms for climate studies	1,32,000	National Security Council Secretariat (NSCS) <a href="https://issat.dcaf.ch/Share/People-">https://issat.dcaf.ch/Share/People-</a>	2018-2019	Department of Energy &

	Yogeswaran				Organisations/Organisations/National-Security-Council-Secretariat		Environment
17	Dr. Sudipta Chatterjee	2018-2018	Studentship Stipend for Ms. Charu Bhanot, CEH NEC06802	4,59,212	NERC-CEH Edinburg, United Kingdom <a href="https://iiasa.ac.at/web/home/research/ResearchPartners/Centre-for-Ecology-and-Hydrology-CEH--Edinburgh--UK-.en.html">https://iiasa.ac.at/web/home/research/ResearchPartners/Centre-for-Ecology-and-Hydrology-CEH--Edinburgh--UK-.en.html</a>	2018-2019	Department of Policy Studies
18	Dr. Arun Kansal	2018-2018	Recycling Plastics in Asian City Environments (RePIACE)	1,87,600	<a href="#">RMIT University (link)</a>	2018-2019	Department of Policy Studies
19	Dr. Ramakrishnan Sitaraman	2018-2021	Gene regulation by DNA methylation in Bacillus anthracis (Sterne)	14,90,000	Science and Engineering Research Board <a href="http://www.serb.gov.in/home.php">http://www.serb.gov.in/home.php</a>	2018-2019	Department of Policy Studies
20	Dr. Girish Sethi	2015-2016	Implementation of Possible Improvement Measures Covering Energy Varanasi Cluster	4,32,750	Small Industries Development Bank of India (SIDBI) <a href="https://www.sidbi.in/en">https://www.sidbi.in/en</a>	2018-2019	Department of Policy Studies
21	Dr. Kamna Sachdeva	2015-2018	Hi-aware sub project TU	40,00,000	TERI <a href="https://www.teriin.org/">https://www.teriin.org/</a>	2018-2019	Department of Energy & Environment
22	Dr. Shaleen Singhal	2015-2018	HUDCO Chair	3,73,517	The Housing and Urban Development Corporation Limited (HUDCO) <a href="https://hudco.org.in/">https://hudco.org.in/</a>	2018-2019	Department of Energy & Environment
23	Dr. Chubamenla Jamir	2017-2018	Nutritional and Livelihood security of subsistence farmer in the hilly and mountain areas of the Hindu Kush Himalayan region	67,313	<a href="#">The International Centre for Integrated Mountain Development (ICIMOD) (link)</a>	2018-2019	Department of Energy & Environment
24	Dr. Smriti Das	2019-2019	Students Research Grant	6,90,000	The Trustee's of Columbia University <a href="https://secretary.columbia.edu/trustees-columbia-university">https://secretary.columbia.edu/trustees-columbia-university</a>	2018-2019	Department of Natural Resources
25	Dr. Smriti Das	2018-2018	Global Summit 2018	12,07,260	The Trustee's of Columbia University <a href="https://secretary.columbia.edu/trustees-columbia-university">https://secretary.columbia.edu/trustees-columbia-university</a>	2018-2019	Department of Regional Water Studies
26	Dr. Chubamenla Jamir	2017-2018	Nutritional and Livelihood security of subsistence farmer in the hilly and mountain areas of the Hindu Kush Himalayan region	5,92,450	<a href="#">The United Nations Environment Programme (UNEP) (link)</a>	2018-2019	Department of Regional Water Studies
27	Dr. Atul Kumar	2018-2019	Evaluation of CO2 Emission Reduction by Mobility Electrification & Alternative Fuels (Biofuels/CNG) Introduction in India	16,25,000	<a href="#">Toyota Kirloskar Motors Private Limited (link)</a>	2018-2019	Department of Energy & Environment



28	Dr. Arun Kansal	2019-2019	Transboundary water governance and role of institution to enhance the capacities of marginalized community in Mahakali River Basin	2,41,500	<a href="#">Tribhuvan University (link)</a>	2018-2019	Department of Energy & Environment
29	Dr. Vinay Kumar Sinha	2017-2020	Modelling for Enhancing Water Quality in Uttarakhand using Geospatial Technology	5,35,000	Uttarakhand State Council for Science and Technology <a href="https://www.ucost.in/">https://www.ucost.in/</a>	2018-2019	Department of Regional Water Studies
30	Dr. Anandita Singh	2018-2021	Isolation and comparative analysis of promoter homeologs of flowering time gene SOC 1 : Discovering novel promoters involved in floral transition in Indian Brassicas	22,55,000	<a href="#">Department of Biotechnology (DBT) (link)</a>	2018-2019	Department of Regional Water Studies
31	Dr. Anandita Singh	2017-2019	Financial Sanction under National Post Doctoral Fellowship to Ms. Aditi Jain vide dairy no. SERB/F/3627/2017-2018	9,04,808	<a href="#">Science and Engineering Research Board (SERB) (link)</a>	2018-2019	Department of Regional Water Studies
32	Dr. Anandita Singh	2018-2021	Understanding the role of MIR160 and AUXIN RESPONSE FACTORS in establishment of root system architecture for improvement of crop Brassicas	12,16,160	<a href="#">Science and Engineering Research Board (SERB) (link)</a>	2018-2019	Department of Energy & Environment
33	Dr. Arun Kansal & Dr. Fawzia Tarannum	2017-2017	Landscape Approach for Land-Water-Community Security	9,00,000	<a href="#">Solidaridad Network Asia Limited (link)</a>	2018-2019	Department of Energy & Environment
34	Dr. Abhijit Datey	2018-2019	Cities on Women : Uncovering the relationship between Gender, Land-use and Livelihoods for Embedding Climate Change Resilience in Himalayan Cities	12,28,571	<a href="#">The International Centre for Integrated Mountain Development (ICIMOD) (link)</a>	2018-2019	Department of Natural Resources
35	Dr. Abhijit Datey	2018-2019	Conducting Third Party Evaluation of the States/Union Territories regarding Implementation of Reforms under AMRUT	5,18,096	<a href="#">The National Institute of Urban Affairs (NIUA) (link)</a>	2018-2019	Department of Natural Resources

36	Dr. Arun Kansal	2018-2019	Service Agreement - Delivery of short course on Gender, Equity and Water Management	9,60,993	<a href="#">WaterEd Australia Pty. Ltd. (link)</a>	2018-2019	Department of Natural Resources
1	Dr. Sukanya Das	2016-2020	Rejuvenating the Ganga: Investigating the Potential for Decentralized Institutions, Technologies and Governance to Meet the Wastewater Challenge	1,18,742	AUBURN University (link) <a href="https://www.auburn.edu/">https://www.auburn.edu/</a>	2019-2020	Department of Policy Studies
2	Dr. Kavita Sardana & Dr. Sukanya Das	2019-2019	Meta-analysis for Environmental Damage Assessment	5,01,975	Central Pollution Control Board (CPCB) <a href="https://cpcb.nic.in/">https://cpcb.nic.in/</a>	2019-2020	Department of Energy & Environment
3	Dr. Kamna Sachdeva	2019-2019	Residential Training Programmes on Global Warming, Climate Change and Disaster Management - Future Perspective	2,80,800	Central Pollution Control Board (CPCB) <a href="https://cpcb.nic.in/">https://cpcb.nic.in/</a>	2019-2020	Department of Biotechnology
4	Dr. Sudipta Chatterjee	2019-2025	Forest Impacts on Nitrogen Pollution	64,25,983	Centre For Ecology & Hydrology, United Kingdom <a href="https://www.ceh.ac.uk/">https://www.ceh.ac.uk/</a>	2019-2020	Department of Biotechnology
5	Dr. Chander Kumar Singh	2017-2019	Spatial Distribution of Uranium and associated water quality parameters in five districts of UP	3,72,815	<a href="#">Department of Atomic Energy (BRNS) (link)</a>	2019-2020	Department of Biotechnology
6	Dr. Udit Soni	2019-2022	Scalable synthesis of strach nanoparticles based adhesive/consolidants for conservation of cellulose based heritage objects	25,00,000	Department of Science and Technology (DST) <a href="https://dst.gov.in/">https://dst.gov.in/</a>	2019-2020	Department of Biotechnology
7	Dr. Nithyanandham Yogeswaran	2019-2020	Research Study on 'Dark Ship' Detection Using Precision Algorithm Leveraging Logical Analysis Of Varied Inputs (Pallavi)	2,78,300	Directorate of Network Centric Operations Integrated Headquarters Ministry of Defence (N); <a href="https://www.mod.gov.in/">https://www.mod.gov.in/</a>	2019-2020	Department of Biotechnology
8	Dr. Fawzia Tarannum	2019-2019	Addressing the problems of ground water depletion, water scarcity, flooding and hence water mis-management in Gurugram District of Haryana	10,03,750	District Administration, Gurugram : Guru-Jal <a href="https://gurujal.org/">https://gurujal.org/</a>	2019-2020	Department of Biotechnology
9	Dr. Chandan Kumar	2019-2021	Prevalence, Procreation, Persecution and Prevention regarding Caesarean-Section	18,14,308	<a href="#">Indian Council of Medical Research (link)</a>	2019-2020	Department of Biotechnology

			Deliveries/Birth in South Asia : A Systematic Review and Meta Analysis				
10	Dr. Atul Kumar	2019-2020	Impact of Urban Infrastructure Schemes on Mitigation of Greenhouse Gas Emissions	6,00,000	<a href="#">Ministry of Housing &amp; Urban Affairs (link)</a>	2019-2020	Department of Policy Studies
11	Dr. Priyanka Kaushal & Dr. Atul Kumar	2017-2019	Design Development and testing of a down draft biomass gasifier system completed by Hydrogen enrichment through air-steam gasification	3,08,200	Ministry of Petroleum and Natural Gas <a href="https://mopng.gov.in/en">https://mopng.gov.in/en</a>	2019-2020	Department of Energy & Environment
12	Dr. Ramakrishnan Sitaraman	2018-2021	Gene regulation by DNA methylation in Bacillus anthracis (Sterne)	8,57,000	Science and Engineering Research Board <a href="http://www.serb.gov.in/home.php">http://www.serb.gov.in/home.php</a>	2019-2020	Department of Biotechnology
13	Dr. Neeti Sinha	2019-2021	Space Technology Utilisation for Food Security, Agricultural Assessment and Monitoring (SUFALAM)	6,50,000	Space Application Centre, ISRO <a href="https://www.sac.gov.in/Vyom/index.jsp">https://www.sac.gov.in/Vyom/index.jsp</a>	2019-2020	Department of Biotechnology
14	Dr. Gopal Krishna Sarangi	2019-2020	Executive Programme on Human Security and Drug Policy in Afghanistan	36,58,622	Swansea University <a href="https://www.swansea.ac.uk/">https://www.swansea.ac.uk/</a>	2019-2020	Department of Energy & Environment
15	Dr. Arun Kansal	2019-2019	Transboundary water governance and role of institution to enhance the capacities of marginalized community in Mahakali River Basin	2,43,368	<a href="#">Tribhuvan University (link)</a>	2019-2020	Department of Natural Resources
16	Dr. Vinay Kumar Sinha	2017-2020	Modelling for Enhancing Water Quality in Uttarakhand using Geospatial Technology	4,90,000	Uttarakhand State Council for Science and Technology <a href="https://www.ucost.in/">https://www.ucost.in/</a>	2019-2020	Department of Regional Water Studies
17	Dr. Anandita Singh	2018-2021	Isolation and comparative analysis of promoter homeologs of flowering time gene SOC 1 : Discovering novel promoters involved in floral transition in Indian Brassicas	13,04,500	<a href="#">Department of Biotechnology (DBT) (link)</a>	2019-2020	Department of Biotechnology
18	Dr. Amit Kumar	2015-2018	Developing and Implementing Smart Grids in India	6,17,920	<a href="#">Technische Universsiteit (link)</a>	2019-2020	Department of Policy Studies

19	Dr. Abhijit Datey	2018-2019	Cities on Women : Uncovering the relationship between Gender, Land-use and Livelihoods for Embedding Climate Change Resilience in Himalayan Cities	4,75,168	<a href="#">The International Centre for Integrated Mountain Development (ICIMOD) (link)</a>	2019-2020	Department of Policy Studies
20	Dr. Abhijit Datey	2018-2019	Success stories in urban climate action : Building the economic evidence base (the "Project") World Resources Institute-funded research project	3,54,680	<a href="#">University of Leeds (link)</a>	2019-2020	Department of Energy & Environment
21	Dr. Arun Kansal	2018-2019	Service Agreement - Delivery of short course on Gender, Equity and Water Management	4,52,505	<a href="#">WaterEd Australia Pty. Ltd. (link)</a>	2019-2020	Department of Natural Resources
1	Dr. Smriti Das	2020-2022	Development of a framework for the local implementation of the SDG's - Phase II	73,916	Chulalongkorn University <a href="https://www.chula.ac.th/en/">https://www.chula.ac.th/en/</a>	2020-2021	Department of Biotechnology
2	Dr. Manish Kumar Srivastava, Dr. Sapan Thapar and Dr. Atul Kumar	2020-2024	India's ambitions and possibilities of becoming a global green leader (INDGREEN)	7,64,387	CICERO Senter for Klimaforskning (Center for International Climate Research) <a href="https://cicero.oslo.no/en">https://cicero.oslo.no/en</a>	2020-2021	Department of Biotechnology
3	Dr. Shashi Bhushan Tripathi	2018-2021	Department of CMS /RF System in Bhut Jolokia using marker assisted selection	42,84,977	<a href="#">Department of Biotechnology (DBT) (link)</a>	2020-2021	Department of Biotechnology
4	Dr. Shashi Bhushan Tripathi	2018-2021	Collection, evaluation, documentation and conservation of banana genetic resources from north eastern region	8,06,000	<a href="#">Department of Biotechnology (DBT) (link)</a>	2020-2021	Department of Biotechnology
5	Dr. Anandita Singh	2018-2021	Isolation and comparative analysis of promoter homologs of flowering time gene SOC 1 : Discovering novel promoters involved in floral transition in Indian Brassicas	15,48,600	<a href="#">Department of Biotechnology (DBT) (link)</a>	2020-2021	Department of Biotechnology
6	Dr. Chaithanya Madhurantakam	2016-2021	Structural studies on proteins involved in synthesis and	38,44,000	<a href="#">Department of Biotechnology (DBT) (link)</a>	2020-2021	Department of Policy Studies

			processing of mycolic acids in Mycobacterium tuberculosis				
7	Dr. Sukanya Das	2020-2024	SARASWATI 2.0 - Identifying best available technologies for decentralized wastewater treatment and resource recovery for India	3,05,000	Department of Science and Technology (DST) <a href="https://dst.gov.in/">https://dst.gov.in/</a>	2020-2021	Department of Regional Water Studies
8	Dr. Chander Kumar Singh	2020-2022	Demonstration of sustainable mitigation of groundwater arsenic in arsenic-polluted Gangetic River aquifers of Bihar, Uttar Pradesh and West Bengal, India-Tribute Ganga	25,80,222	<a href="#">Department of Science and Technology &amp; IIT, Kharagpur (link)</a>	2020-2021	Department of Regional Water Studies
9	Dr. Shashi Bhushan Tripathi, Dr. Vinay Sinha and Dr. Som Mondal	2020-2022	Water Energy Food Nexus (WEFN) Through Solar-Green House Based Hydroponic Solutions with Android Mobile Application of Vegetable Market for Rural farmers and Urban Users	15,16,560	Department of Science and Technology (DST) <a href="https://dst.gov.in/">https://dst.gov.in/</a> & Utrakhnad State Councilfor Science and Technology	2020-2021	Department of Natural Resources
10	Dr. Udit Soni	2019-2022	Scalable synthesis of strach nanoparticles based adhesive/consolidants for conservation of cellulose based heritage objects	5,09,410	Department of Science and Technology (DST) <a href="https://dst.gov.in/">https://dst.gov.in/</a>	2020-2021	Department of Energy & Environment
11	Dr. Abhijit Datey	2020-2022	Solutions for Indoor Tracking and Navigation for Urban Governance	2,50,000	<a href="#">Department of Science and Technology (NGP) Division, Government of India (link)</a>	2020-2021	Department of Energy & Environment
12	Dr. Vinay Kumar Sinha	2017-2022	Preparation of the State Specific Action Plan for Water Sector	8,90,986	Government of Arunachal Pradesh <a href="https://www.arunachalpradesh.gov.in/">https://www.arunachalpradesh.gov.in/</a>	2020-2021	Department of Regional Water Studies
13	Ms. Ranjana Ray Chaudhuri, Dr. Fawzia Tarannum and Dr. Sherly MA	2020-2021	Blue Green Interventions for addressing flooding between Sectors 56 and 26 in Gurugram	5,00,000	I Am Gurgaon, Gurugram <a href="https://iamgurgaon.org/">https://iamgurgaon.org/</a>	2020-2021	Department of Energy & Environment
14	Dr. Chaithanya Madhurantakam	2018-2021	Structural characterization of a non-specific acid phosphatase HppA from	4,71,250	<a href="#">Indian Council of Medical Research (ICMR) (link)</a>	2020-2021	Department of Energy & Environment

			Helicobater pylori				
15	Dr. Atul Kumar	2019-2020	Impact of Urban Infrastructure Schemes on Mitigation of	3,60,000	<a href="#">Ministry Of Housing and Urban Affairs (link)</a>	2020-2021	Department of Energy & Environment
16	Dr. Vinay Kumar Sinha	2019-2021	Water Resources Management through Spring and Catchment Rejuvenation in Utrakhand for Improving Water Security	51,55,412	National Mission on Himalayan Studies (NMHS) National Mission on Himalayan Studies (NMHS)	2020-2021	Department of Energy & Environment
17	Dr. Ramakrishnan Sitaraman	2018-2021	Gene regulation by DNA methylation in Bacillus anthracis (Sterne)	10,00,000	Science and Engineering Research Board <a href="http://www.serb.gov.in/home.php">http://www.serb.gov.in/home.php</a>	2020-2021	Department of Energy & Environment
18	Dr. Anandita Singh	2018-2021	Understanding the role of MIR160 and AUXIN RESPONSE FACTORS in establishment of root system architecture for improvement of crop Brassicas.	12,00,000	<a href="#">Science and Engineering Research Board (SERB) (link)</a>	2020-2021	Department of Energy & Environment
19	Dr. Gopal Sarangi and Dr. Sapan Thapar	2021-2025	Societe Generale - TERI SAS - Research Sponsorship Program	2,68,625	Societe Generale Securities India (P) Limited <a href="https://www.societegenerale.asia/en/india/entities/">https://www.societegenerale.asia/en/india/entities/</a>	2020-2021	Department of Regional Water Studies
20	Dr. Neeti Sinha	2019-2021	Space Technology Utilisation for Food Security, Agricultural Assessment and Monitoring (SUFALAM)	5,30,000	Space Application Centre, ISRO <a href="https://www.sac.gov.in/Vyom/index.jsp">https://www.sac.gov.in/Vyom/index.jsp</a>	2020-2021	Department of Regional Water Studies
21	Dr. Fawzia Tarannum	2020-2021	Engaging DoWRS for content development and training on 'Land based water pollution'	4,73,000	The DHAN Academy <a href="https://dhan.org/tda/">https://dhan.org/tda/</a>	2020-2021	Department of Regional Water Studies

### Documents Needed

- Details of research projects and funding details to be provided as per the data template.
- Copy of the letter indicating the sanction of research project and the name of the faculty funded by govt. /non-govt agencies.

### Specific instruction to HEI

This metric is about the number of projects, hence the number of projects in 3.2.1 and 3.2.2 put together should match with that given here (in3.2.3).

### Avoid the following while uploading data

Non- Government agency does not include own institution/trust/sister institution.