| 3.2.3            | Number of research proj<br>agencies during the last f                    | -           | acher funded    | by governm    | ent and no   | on-government       | 5  |  |  |  |  |
|------------------|--------------------------------------------------------------------------|-------------|-----------------|---------------|--------------|---------------------|----|--|--|--|--|
| Q <sub>n</sub> M |                                                                          |             |                 |               |              |                     |    |  |  |  |  |
| Cn               | 3.2.3.1: Number of resear                                                | ch projects | s funded by g   | overnment a   | nd non-gov   | vernment agencies   |    |  |  |  |  |
|                  | during the last five years                                               |             |                 |               | -            | -                   |    |  |  |  |  |
|                  | 3.2.3.2 : Number of full ti                                              | ime teache  | rs with researc | ch projects v | vorking in t | he institution duri | ng |  |  |  |  |
|                  | the last 5 years                                                         |             |                 |               |              |                     |    |  |  |  |  |
|                  | 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 |             |                 |               |              |                     |    |  |  |  |  |
|                  | Data to be provided for the last five years:(As per Data Template)       |             |                 |               |              |                     |    |  |  |  |  |
|                  | Name of the Principal Investigator                                       |             |                 |               |              |                     |    |  |  |  |  |
|                  | Duration of project                                                      |             |                 |               |              |                     |    |  |  |  |  |
|                  | Name of the rese                                                         |             | ect             |               |              |                     |    |  |  |  |  |
|                  | Amount / Fund r                                                          |             |                 |               |              |                     |    |  |  |  |  |
|                  | Name of funding                                                          |             |                 |               |              |                     |    |  |  |  |  |
|                  | • Year of sanction                                                       |             |                 |               |              |                     |    |  |  |  |  |
|                  | • Department of th                                                       | ne recipien | t               |               |              |                     |    |  |  |  |  |
|                  | Formula:                                                                 |             |                 |               |              |                     |    |  |  |  |  |
|                  |                                                                          |             | searchproje     |               |              |                     |    |  |  |  |  |
|                  |                                                                          |             | ment agenci     |               |              | •                   |    |  |  |  |  |
|                  | Average num                                                              | aberof fu   | ll time teach   | ers durin     | g the last i | five years          |    |  |  |  |  |
|                  | File Description (Upload)                                                |             |                 |               |              |                     |    |  |  |  |  |
|                  | • Provide the List                                                       | of research | n projects and  | funding deta  | ails (Data T | emplate as of 3.1.  | 6) |  |  |  |  |
|                  | Any additional in                                                        | nformation  | 1               |               |              |                     |    |  |  |  |  |
|                  | Supporting docu                                                          | ment from   | the Funding A   | Agency        |              |                     |    |  |  |  |  |
|                  | Provide the Link                                                         |             | -               |               |              |                     |    |  |  |  |  |

## **DVV** requirement

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

| 1  | I                          |               | in Mycobacterium                                                  | I           |                                                              | 1             | 1 1                        |
|----|----------------------------|---------------|-------------------------------------------------------------------|-------------|--------------------------------------------------------------|---------------|----------------------------|
|    |                            |               | tuberculosis                                                      |             |                                                              |               |                            |
|    |                            |               | Sustainable livelihood                                            |             |                                                              |               |                            |
|    | Dr. Arabinda               |               | activities on reclaimed open                                      |             |                                                              |               |                            |
|    | Mishra & Dr.               |               | cast coal mines: a technology                                     |             |                                                              |               |                            |
|    | Sudipto                    | 2015-         | enabled integrated approach                                       |             |                                                              | 2016-         | Department of              |
| 2  | Chatterjee                 | 2018          | in Indian Coal sector                                             | 1,00,00,000 | Ministry of Coal (link)                                      | 2017          | Policy Studies             |
|    |                            |               | Design, development and                                           |             |                                                              |               |                            |
|    |                            |               | testing of a down draft                                           |             |                                                              |               |                            |
|    | Dr. Piyanka                |               | gasifier system completed by                                      |             |                                                              |               |                            |
|    | Kaushal & Dr.              | 2017-         | hydrogen enrichment through                                       |             | Ministry of Petroleum and Natural Gas                        | 2016-         | Department of              |
| 3  | Atul Kumar                 | 2019          | air steam gasification                                            | 5,44,500    | https://mopng.gov.in/en                                      | 2017          | Policy Studies             |
|    |                            |               | Implementation of Possible                                        |             |                                                              |               |                            |
|    |                            |               | Improvement Measures                                              |             |                                                              |               | Department of              |
|    |                            | 2015-         | Covering Energy Varanasi                                          |             | Small Industries Development Bank of India (SIDBI)           | 2016-         | Energy &                   |
| 4  | Dr. Girish Sethi           | 2018          | Cluster                                                           | 23,40,000   | https://www.sidbi.in/en                                      | 2017          | Environment                |
|    |                            |               | National Post-Doctoral                                            |             |                                                              |               |                            |
|    |                            |               | Fellowship to Dr Anil Kumar                                       |             |                                                              |               |                            |
|    | Dr.                        |               | Verma, under the mentorship                                       |             |                                                              |               | Department of              |
| _  | Ramakrishnan               | 2016-         | of Dr. Ramakrishnan                                               |             |                                                              | 2016-         | Energy &                   |
| 5  | Sitaraman                  | 2018          | Sitaraman                                                         | 8,20,650    | Departement of Science & Technology                          | 2017          | Environment                |
|    |                            |               | Impact Analysis pf the                                            |             |                                                              |               |                            |
|    | Dr. MP Ram                 |               | Arunachal Pradesh                                                 |             |                                                              |               | D ( ) (                    |
|    | Dr. MP Ram<br>Mohan & Dr.  | 2016-         | Panchayati Raj Act 1997 on<br>Traditional Institution in the      |             |                                                              | 2016-         | Department of<br>Natural   |
| 6  |                            |               |                                                                   | 6 00 000    | Indian Council of Social Science Decearch https://iecor.org/ |               |                            |
| 6  | MV Shiju<br>Dr. Chubamenla | 2018<br>2016- | State                                                             | 6,00,000    | Indian Council of Social Science Research https://icssr.org/ | 2017<br>2016- | Resources<br>Department of |
| 7  | Jamir                      | 2016-2017     | GCFSI Innovation Grant                                            | 2,97,559    | Michigan State University (link)                             | 2018-2017     | Policy Studies             |
| /  | Janni                      | 2017          | Addressing land issues for                                        | 2,97,339    | <u>Michigan State Oniversity (Inik)</u>                      | 2017          | Department of              |
|    | Dr. Sapan                  | 2016-         | utility scale renewable energy                                    |             |                                                              | 2016-         | Energy &                   |
| 8  | Thapar                     | 2010-2018     | development                                                       | 38,21,498   | Shakti Foundation https://shaktifoundation.in/               | 2010-2017     | Environment                |
| 0  | Thapai                     | 2010          | The Distribution Implications                                     | 50,21,490   | Shaki i buldaton haps.//shakifbuldaton.m/                    | 2017          | Environment                |
|    |                            |               | of Solar Water Pumping                                            |             | South Asia Network of Economic Research Institutes           |               | Department of              |
|    | Dr. Eshita                 | 2015-         | Program for Ground Water                                          |             | https://www.devex.com/organizations/south-asia-network-of-   | 2016-         | Energy &                   |
| 9  | Gupta                      | 2013-2017     | Irrigation in Rajasthan                                           | 2,74,323    | economic-research-institutes-sanei-48442                     | 2010-2017     | Environment                |
|    | Capia                      | 2017          | Economic Value of                                                 | 2,71,323    |                                                              | 2017          | Latitionnent               |
|    |                            |               | Biodiversity Conservation                                         |             |                                                              |               |                            |
|    |                            |               | Provided by Forest and Agro                                       |             | South Asia Network of Economic Research Institutes           |               |                            |
|    | Dr. Kavita                 | 2014-         | Forest Ecosystem in Kodagu                                        |             | https://www.devex.com/organizations/south-asia-network-of-   | 2016-         | Department of              |
| 10 | Sardana                    | 2016          | Distt.                                                            | 2,29,025    | economic-research-institutes-sanei-48443                     | 2017          | Biotechnology              |
|    |                            | -             |                                                                   | , . ,       |                                                              |               |                            |
|    | Dr. Shaleen                | 2016-         | Outreach through Awareness-                                       |             |                                                              | 2016-         | Department of              |
| 11 | Singhal                    | 2017          | raising amoung Key                                                | 96,54,101   | The United Nations Environment Programme (UNEP) (link)       | 2017          | Biotechnology              |
|    | Sardana<br>Dr. Shaleen     | 2016<br>2016- | Distt.<br>Scaling SCP Learning and<br>Outreach through Awareness- |             | economic-research-institutes-sanei-48443                     | 2017<br>2016- | I<br>I                     |

| 1  |                    |               | SWITCH-Asia Target                             | 1           |                                                             | I             | 1 1                            |
|----|--------------------|---------------|------------------------------------------------|-------------|-------------------------------------------------------------|---------------|--------------------------------|
|    |                    |               | Audiences - SSFA II                            |             |                                                             |               |                                |
|    |                    | 2014-         | Strengthening Water and                        |             | The United States Agency for International Development      | 2016-         | Department of                  |
| 12 | Dr. Arun Kansal    | 2017          | Sanitation in Urban Settings                   | 1,39,67,500 | (USAID) (link)                                              | 2017          | Biotechnology                  |
|    |                    |               | Posper.Net Young                               | , , , ,     |                                                             |               |                                |
|    |                    |               | Researcher School :                            |             |                                                             |               |                                |
|    |                    |               | Sustainable energy for                         |             |                                                             |               |                                |
|    | Dr. Arun Kansal    |               | transforming Lives :                           |             |                                                             |               |                                |
|    | & Dr.Fawzia        | 2015-         | Acailability, Accessibility,                   |             |                                                             | 2016-         | Department of                  |
| 13 | Tarannum           | 2016          | Affordability                                  | 3,39,923    | United Nations University (link)                            | 2017          | Biotechnology                  |
|    |                    |               | Local Coordinator for the                      |             |                                                             |               |                                |
|    |                    |               | UNU-IAS case study in                          |             |                                                             |               |                                |
|    |                    |               | Lucknow on "Low Carbon                         |             |                                                             |               |                                |
|    | Dr. Chander        | 2016-         | Urban Water Environment                        |             |                                                             | 2016-         | Department of                  |
| 14 | Kumar Singh        | 2017          | Project"                                       | 7,83,217    | United Nations University (UNU) (link)                      | 2017          | Biotechnology                  |
|    | Dr. Arun Kansal    |               | Landscape Approach for                         |             | Solidaridad Network Asia Limited (link)                     |               |                                |
|    | & Dr.Fawzia        | 2016-         | Land-Water-Community                           |             |                                                             | 2016-         | Department of                  |
| 15 | Tarannum           | 2018          | Security                                       | 12,00,000   |                                                             | 2017          | Policy Studies                 |
|    | Dr. Kamna          | 2015-         | Students to Work in Upper                      |             | The International Centre for Integrated Mountain            | 2016-         | Department of                  |
| 16 | Sachdeva           | 2017          | Ganga River Basin, India                       | 9,54,792    | Development (ICIMOD) (link)                                 | 2017          | Biotechnology                  |
|    |                    |               | Rejuvenating the Ganga:                        |             |                                                             |               |                                |
|    |                    |               | Investigating the Potential for                |             |                                                             |               |                                |
|    |                    |               | Decentralized Institutions,                    |             |                                                             |               |                                |
|    |                    | 2016          | Technologies and                               |             |                                                             | 2017          |                                |
| 1  | Dr. Sukanya<br>Das | 2016-<br>2020 | Governance to Meet the<br>Wastewater Challenge | 3,15,670    | AUDUDN University (link) https://www.exhymp.edu/            | 2017-<br>2018 | Department of<br>Biotechnology |
| 1  | Das                | 2020          | Air Quality Management -                       | 5,15,070    | AUBURN University (link) https://www.auburn.edu/            | 2018          | Department of                  |
|    | Dr. Kamna          | 2017-         | Plans using decision support                   |             |                                                             | 2017-         | Natural                        |
| 2  | Sachdeva           | 2017-2018     | system UrbAir India                            | 2,80,800    | Central Pollution Control Board (CPCB) https://cpcb.nic.in/ | 2017-2018     | Resources                      |
| 2  | Sachueva           | 2010          | Spatial Distribution of                        | 2,00,000    | Central Fondion Control Doard (CFCD) https://cpco.inc.in/   | 2010          | Resources                      |
|    |                    |               | Uranium and associated                         |             |                                                             |               | Department of                  |
|    | Dr. Chander        | 2017-         | water quality parameters in                    |             |                                                             | 2017-         | Regional                       |
| 3  | Kumar Singh        | 2019          | five districts of UP                           | 18,52,825   | Department of Atomic Energy (BRNS) (link)                   | 2017          | Water Studies                  |
| -  | Dr. Shashi         | ,             | Department of CMS /RF                          |             |                                                             |               | States                         |
|    | Bhushan            | 2018-         | System in Bhut Jolokia using                   |             |                                                             | 2017-         | Department of                  |
| 4  | Tripathi           | 2020          | marker assisted selection                      | 25,63,800   | Department of Biotechnology (DBT) (link)                    | 2018          | Policy Studies                 |
|    | <u> </u>           |               | Collection, evaluation,                        |             |                                                             | 1             |                                |
|    |                    |               | documentation and                              |             |                                                             |               |                                |
|    | Dr. Shashi         |               | conservation of banana                         |             |                                                             |               |                                |
|    | Bhushan            | 2018-         | genetic resources from north                   |             |                                                             | 2017-         | Department of                  |
| 5  | Tripathi           | 2021          | eastern region                                 | 9,04,000    | Department of Biotechnology (DBT) (link)                    | 2018          | Biotechnology                  |
|    | Dr. Chaithanya     | 2016-         | Structural studies on proteins                 |             |                                                             | 2017-         | Department of                  |
| 6  | Madhurantakam      | 2021          | involved in synthesis and                      | 18,38,000   | Department of Biotechnology (DBT) (link)                    | 2018          | Natural                        |

|    |                    |           | processing of mycolic acids                                |             |                                                            |       | Resources               |
|----|--------------------|-----------|------------------------------------------------------------|-------------|------------------------------------------------------------|-------|-------------------------|
|    |                    |           | in Mycobacterium                                           |             |                                                            |       |                         |
|    |                    |           | tuberculosis                                               |             |                                                            |       |                         |
|    |                    |           | Supporting, Conolidation,                                  |             |                                                            |       |                         |
|    |                    |           | replication and upscaling of                               |             |                                                            |       |                         |
|    |                    |           | sustainable waste water                                    |             |                                                            |       |                         |
| _  | Dr. Sukanya        | 2014-     | treatment and reuse                                        |             | Department of Science and Technology (DST)                 | 2017- | Department of           |
| 7  | Das                | 2017      | technologies for India                                     | 4,40,000    | https://dst.gov.in/                                        | 2018  | Biotechnology           |
|    | Dr. Leena          | 2017-     |                                                            | 4 00 000    | Embassy of Sweden ;                                        | 2017- | Department of           |
| 8  | Srivastava         | 2018      | 7 days Challenge Programme                                 | 4,00,000    | https://www.swedenabroad.se/en/embassies/india-new-delhi/  | 2018  | Policy Studies          |
|    |                    |           | Preparation of the State                                   |             |                                                            |       | Department of           |
|    | Dr. Vinay          | 2017-     | Specific Action Plan for                                   |             | Government of Arunachal Pradesh                            | 2017- | Energy &                |
| 9  | Kumar Sinha        | 2018      | Water Sector                                               | 10,43,478   | https://www.arunachalpradesh.gov.in/                       | 2018  | Environment             |
|    |                    |           | Urban Transition beyond                                    |             |                                                            |       |                         |
|    |                    |           | Municipal Boundaries : A                                   |             |                                                            |       |                         |
|    | Dr. Bhawna         | 2017      | Comparative Spatial Analysis<br>of the PERI-Urban Areas of |             |                                                            | 2017  | Department of           |
| 10 | Dr. Bnawna<br>Bali | 2017-     |                                                            | 2 20 000    | Indian Council of Social Science Descents (ICSSD) (link)   | 2017- | Energy &<br>Environment |
| 10 | Ball               | 2019      | Gurugram and Noida<br>Sustainable livelihood               | 3,20,000    | Indian Council of Social Science Research (ICSSR) (link)   | 2018  | Environment             |
|    | Dr. Arabindra      |           | activities on reclaimed open                               |             |                                                            |       |                         |
|    | Mishra & Dr.       |           | cast coal mines: a technology                              |             |                                                            |       | Department of           |
|    | Sudipta            | 2015-     | enabled integrated approach                                |             |                                                            | 2017- | Energy &                |
| 11 | Chatterjee         | 2013-2018 | in Indian Coal sector                                      | 1,40,00,000 | Ministry of Coal (link)                                    | 2017- | Environment             |
| 11 | Chatterjee         | 2010      | Development of Knowledge                                   | 1,40,00,000 |                                                            | 2010  | Environment             |
|    |                    |           | Based Decision Tool to                                     |             |                                                            |       |                         |
|    | Dr. Pawan          |           | Stimulate Mechanism of                                     |             |                                                            |       |                         |
|    | Kumar Joshi &      |           | Vegetation Change Due to                                   |             |                                                            |       | Department of           |
|    | Dr. Kamna          | 2013-     | Climate Change in Western                                  |             | Ministry of Environment, Forest and Climate Change (MoEF)  | 2017- | Energy &                |
| 12 | Sachdeva           | 2016      | Himalayan Ecoregion                                        | 20,00,000   | https://moef.gov.in/en/                                    | 2018  | Environment             |
|    |                    |           | Design, development and                                    |             |                                                            |       |                         |
|    |                    |           | testing of a down draft                                    |             |                                                            |       |                         |
|    | Dr. Priyanka       |           | gasifier system completed by                               |             |                                                            |       |                         |
|    | Kaushal & Dr.      | 2017-     | hydrogen enrichment through                                |             | Ministry of Petroleum and Natural Gas                      | 2017- | Department of           |
| 13 | Atul Kumar         | 2019      | air steam gasification                                     | 9,07,500    | https://mopng.gov.in/en                                    | 2018  | Policy Studies          |
|    |                    |           | Geotyping of the Four SNP's                                |             |                                                            |       |                         |
|    | Dr. Shashi         |           | based on Either Agarose Gel                                |             |                                                            |       | Department of           |
|    | Bhushan            | 2017-     | Electro Phorisis or real time                              |             |                                                            | 2017- | Energy &                |
| 14 | Tripathi           | 2018      | PCR                                                        | 57,500      | Nirmal Seeds Private Limited https://nirmalseedsindia.com/ | 2018  | Environment             |
|    |                    |           | Implementation of Possible                                 |             |                                                            |       |                         |
|    |                    |           | Improvement Measures                                       |             |                                                            |       | Department of           |
|    |                    | 2015-     | Covering Energy Varanasi                                   |             | Small Industries Development Bank of India (SIDBI)         | 2017- | Natural                 |
| 15 | Dr. Girish Sethi   | 2016      | Cluster                                                    | 8,27,250    | https://www.sidbi.in/en                                    | 2018  | Resources               |

| 1  | Dr. Arun Kansal  |               | Landscape Approach for                                 |                                       |                                                             | 1         |                           |
|----|------------------|---------------|--------------------------------------------------------|---------------------------------------|-------------------------------------------------------------|-----------|---------------------------|
|    | & Dr. Fawzia     | 2017-         | Land-Water-Community                                   |                                       |                                                             | 2017-     | Department of             |
| 16 | Tarannum         | 2017          | Security                                               | 9,00,000                              | Solidaridad Network Asia Limited (link)                     | 2018      | Policy Studies            |
|    |                  |               | Nutritional and Livelihood                             |                                       |                                                             |           |                           |
|    |                  |               | security of subsistence farmer                         |                                       |                                                             |           |                           |
|    |                  |               | in the hilly and mountain                              |                                       |                                                             |           | Department of             |
|    | Dr. Chubamenla   | 2017-         | areas of the Hindu Kush                                |                                       | The International Centre for Integrated Mountain            | 2017-     | Energy &                  |
| 17 | Jamir            | 2018          | Himalayan region                                       | 5,50,205                              | Development (ICIMOD) (link)                                 | 2018      | Environment               |
|    |                  |               |                                                        |                                       |                                                             |           | Department of             |
| 10 | Dr. Prashant     | 2017-         |                                                        |                                       | The Trustee's of Columbia University                        | 2017-     | Energy &                  |
| 18 | Kumar Singh      | 2017          | Students Field Placement                               | 12,55,400                             | https://secretary.columbia.edu/trustees-columbia-university | 2018      | Environment               |
|    |                  |               | Support the Implementation                             |                                       |                                                             |           |                           |
|    |                  |               | of Lao PDR's Sustainable<br>Consumption and Production |                                       |                                                             |           | Department of             |
|    | Dr. Shaleen      | 2017-         | Policy mainstreaming                                   |                                       |                                                             | 2017-     | Department of<br>Energy & |
| 19 | Singhal          | 2017-2017     | programme                                              | 12,83,750                             | The United Nations Environment Programme (UNEP) (link)      | 2017-2018 | Environment               |
| 19 | Siligilai        | 2017          | Nutritional and Livelihood                             | 12,85,750                             | The Onited Nations Environment (Togramme (ONEr) (Inite)     | 2018      | Environment               |
|    |                  |               | security of subsistence farmer                         |                                       |                                                             |           |                           |
|    |                  |               | in the hilly and mountain                              |                                       |                                                             |           | Department of             |
|    | Dr. Chubamenla   | 2017-         | areas of the Hindu Kush                                |                                       |                                                             | 2017-     | Energy &                  |
| 20 | Jamir            | 2018          | Himalayan region                                       | 4,48,000                              | The United Nations Environment Programme (UNEP) (link)      | 2018      | Environment               |
|    |                  |               |                                                        | , , , , , , , , , , , , , , , , , , , |                                                             |           | Department of             |
|    | Dr. Sudipta      | 2017-         | Services of a Local Forestry                           |                                       | The United States Agency for International Development      | 2017-     | Energy &                  |
| 21 | Chatterjee       | 2018          | Specialist (LFS)                                       | 4,16,990                              | (USAID) (link)                                              | 2018      | Environment               |
|    |                  |               |                                                        |                                       |                                                             |           | Department of             |
|    |                  | 2014-         | Strengthening Water and                                |                                       | The United States Agency for International Development      | 2017-     | Energy &                  |
| 22 | Dr. Arun Kansal  | 2017          | Sanitation in Urban Settings                           | 2,11,91,500                           | (USAID) (link)                                              | 2018      | Environment               |
|    |                  |               | Research on Indian Future                              |                                       |                                                             |           |                           |
|    |                  |               | Energy Policy in line with the                         |                                       |                                                             |           |                           |
|    |                  |               | technical assistance                                   |                                       |                                                             |           |                           |
|    |                  |               | agreement executed between                             |                                       |                                                             |           |                           |
|    |                  | 2017          | TKM and TMC for                                        |                                       |                                                             | 2017-     | Department of             |
| 23 | Dr. Atul Kumar   | 2017-<br>2018 | production and sales of<br>Toyota Vehicles in India    | 16,12,500                             | Toyota Kirloskar Motors Private Limited (link)              | 2017-2018 | Energy &<br>Environment   |
| 23 | Di. Atui Kuillal | 2010          | Local Coordinator for the                              | 10,12,500                             | TOYOLA KITOSKAL MOUOIS FITVALE LIIIILEU (IIIK)              | 2010      | Environment               |
|    |                  |               | UNU-IAS case study in                                  |                                       |                                                             |           |                           |
|    |                  |               | Lucknow on "Low Carbon                                 |                                       |                                                             |           | Department of             |
|    | Dr. Chander      | 2016-         | Urban Water Environment                                |                                       |                                                             | 2017-     | Energy &                  |
| 24 | Kumar Singh      | 2010          | Project"                                               | 7,47,089                              | United Nations University (UNU) (link)                      | 2017      | Environment               |
|    |                  |               | Modelling for Enchancing                               | .,,                                   |                                                             |           | Department of             |
|    | Dr. Vinay        | 2017-         | Water Quality in Uttarakhand                           |                                       | Uttarakhand State Council for Science and Technology        | 2017-     | Energy &                  |
| 25 | Kumar Sinha      | 2020          | using Geospatial Technology                            | 20,60,000                             | https://www.ucost.in/                                       | 2018      | Environment               |
| 25 | Kumar Sinha      | 2020          | using Geospatial Technology                            | 20,60,000                             | https://www.ucost.in/                                       | 2018      | Environment               |

|    |                 |       | Analyzing the                  |           |                                                              | 1     | 1             |
|----|-----------------|-------|--------------------------------|-----------|--------------------------------------------------------------|-------|---------------|
|    |                 |       | Implementation of Forest       |           |                                                              |       |               |
|    |                 |       | Right Act (2006) -             |           |                                                              |       | Department of |
|    |                 | 2012- | Community Right in             |           |                                                              | 2017- | Natural       |
| 26 | Dr. Smriti Das  | 2014  | Southern Rajasthan             | 46,650    | Indian Council of Social Science Research https://icssr.org/ | 2018  | Resources     |
|    |                 |       | Financial Sanction under       |           |                                                              |       |               |
|    |                 |       | National Post Doctoral         |           |                                                              |       |               |
|    |                 |       | Fellowship to Ms. Aditi Jain   |           |                                                              |       | Department of |
|    | Dr. Anandita    | 2017- | vide dairy no.                 |           |                                                              | 2017- | Natural       |
| 27 | Singh           | 2019  | SERB/F/3627/2017-2018          | 9,65,192  | Science and Engineering Research Board (SERB) (link)         | 2018  | Resources     |
|    |                 |       | Developing and                 |           |                                                              |       | Department of |
|    |                 | 2015- | Implementing Smart Grids in    |           |                                                              | 2017- | Natural       |
| 28 | Dr. Amit Kumar  | 2018  | India                          | 6,03,280  | Technische Universiteit (link)                               | 2018  | Resources     |
|    |                 |       | Condcuting Third Party         |           |                                                              |       |               |
|    |                 |       | Evaluation of the              |           |                                                              |       |               |
|    |                 |       | States/Union Teritories        |           |                                                              |       | Department of |
|    | Dr. Abhijit     | 2018- | regarding Implementation of    |           |                                                              | 2017- | Natural       |
| 29 | Datey           | 2019  | Reforms under AMRUT            | 2,32,254  | The National Institute of Urban Affairs (NIUA) (link)        | 2018  | Resources     |
|    |                 |       | Service Agreement - Delivery   |           |                                                              |       |               |
|    |                 |       | of short course on Gender,     |           |                                                              |       |               |
|    |                 | 2018- | Equity and Water               |           |                                                              | 2017- | Department of |
| 30 | Dr. Arun Kansal | 2019  | Management                     | 17,21,447 | WaterEd Australia Pty. Ltd. (link)                           | 2018  | Biotechnology |
|    |                 |       | A journey from climate         |           |                                                              |       | Department of |
|    | Dr. Leena       | 2018- | apathy to empathy - Climate    |           | Coca Cola India Private Limited; https://www.coca-           | 2018- | Regional      |
| 1  | Srivastava      | 2019  | Jamboree                       | 25,00,000 | colaindia.com/                                               | 2019  | Water Studies |
|    |                 |       | Structural studies on proteins |           |                                                              |       |               |
|    |                 |       | involved in synthesis and      |           |                                                              |       |               |
|    |                 |       | processing of mycolic acids    |           |                                                              |       |               |
|    | Dr. Chaithanya  | 2016- | in Mycobacterium               |           |                                                              | 2018- | Department of |
| 2  | Madhurantakam   | 2021  | tuberculosis                   | 19,22,600 | Department of Biotechnology (DBT) (link)                     | 2019  | Biotechnology |
|    |                 |       | Scalable synthesis of strach   |           |                                                              |       |               |
|    |                 |       | nanoparticles based            |           |                                                              |       |               |
|    |                 | 0010  | adhesive/consolidants for      |           |                                                              | 0010  | D             |
|    |                 | 2019- | conservation of cellulose      | 6 11 200  | Department of Science and Technology (DST)                   | 2018- | Department of |
| 3  | Dr. Udit Soni   | 2022  | based hertiage objects         | 6,11,280  | https://dst.gov.in/                                          | 2019  | Biotechnology |
|    |                 |       | Genotyping by sequencing of    |           |                                                              |       | D             |
|    | Dr. Shashi      | 2017  | 72 samples/genotypes of        |           |                                                              | 2010  | Department of |
|    | Bhushan         | 2017- | Polygonatum with               | 2 00 250  |                                                              | 2018- | Energy &      |
| 4  | Tripathi        | 2018  | Bioinformatics Analysis        | 2,80,368  | Forest Research Institute http://fridu.edu.in/               | 2019  | Environment   |
|    |                 |       | Structural characterization of |           |                                                              |       | Demont        |
|    | Dr. Chaithana   | 2019  | a non-specific acid            |           |                                                              | 2019  | Department of |
| _  | Dr. Chaithanya  | 2018- | phosphatase HppA from          | 19 40 625 | Indian Council of Medical Device 1 (COMD) (111)              | 2018- | Energy &      |
| 5  | Madhurantakam   | 2021  | Helicobater pylori             | 18,40,625 | Indian Council of Medical Research (ICMR) (link)             | 2019  | Environment   |

|     |                       |               | Urban Transition beyond<br>Municipal Boundaries : A |           |                                                                                |               |                           |
|-----|-----------------------|---------------|-----------------------------------------------------|-----------|--------------------------------------------------------------------------------|---------------|---------------------------|
|     | 5 51                  |               | Comparative Spatial Analysis                        |           |                                                                                |               | Department of             |
| 6   | Dr. Bhawna<br>Bali    | 2017-<br>2019 | of the PERI-Urban Areas of<br>Gurugram and Noida    | 3,20,000  | Indian Council of Social Science Research (ICSSR) (link)                       | 2018-<br>2019 | Energy &<br>Environment   |
| 0   | Dall                  | 2017          | Towards an Integrated Global                        | 3,20,000  | Indian Council of Social Science Research (TESSR) (Inik)                       | 2017          | Liiviioiment              |
|     |                       |               | Transport and Health                                |           |                                                                                |               | Department of             |
|     |                       | 2018-         | Assessment Tool                                     |           |                                                                                | 2018-         | Energy &                  |
| 7   | Dr. Deepty Jain       | 2019          | (TIGTHAT)                                           | 50,000    | Indian Institute of Technology (IIT) (link)                                    | 2019          | Environment               |
|     | Dr. Chubamenla        | 2018-         | Paddy Growing Culture of<br>the Ao-Naga Tribe and   |           |                                                                                | 2018-         | Department of<br>Regional |
| 8   | Jamir                 | 2018-2020     | Climate Change                                      | 1,33,710  | Indira Gandhi National Centre for the Arts (IGNCA) (link)                      | 2018-2019     | Water Studies             |
| -   | Juilli                | 2020          | Development of a framework                          | 1,55,710  |                                                                                | 2017          | Water Studies             |
|     |                       | 2018-         | for local implementation of                         |           | Keio University, United Nations University                                     | 2018-         | Department of             |
| 9   | Dr. Smriti Das        | 2019          | the SDGs - Prosper.NET                              | 2,04,000  | https://www.keio.ac.jp/en/                                                     | 2019          | Policy Studies            |
|     |                       |               | Development of Knowledge                            |           |                                                                                |               |                           |
|     | Dr. Pawan             |               | Based Decision Tool to<br>Stimulate Mechanism of    |           |                                                                                |               |                           |
|     | Kumar Joshi &         |               | Vegetation Change Due to                            |           |                                                                                |               |                           |
|     | Dr. Kamna             | 2013-         | Climate Change in Western                           |           | Ministry of Environment, Forest and Climate Change (MoEF)                      | 2018-         | Department of             |
| 10  | Sachdeva              | 2016          | Himalayan Ecoregion                                 | 1,01,000  | https://moef.gov.in/en/                                                        | 2019          | Policy Studies            |
|     |                       |               |                                                     |           |                                                                                |               | Department of             |
| 11  | Dr. Basudev<br>Prasad | 2014-<br>2020 | Energy Storage - Centre of<br>Excellence            | 70,00,000 | Ministry of Human Resource Development (MHRD) (link)                           | 2018-<br>2019 | Natural<br>Resources      |
| 11  | Prasau                | 2020          | Design, development and                             | 70,00,000 | Ministry of Human Resource Development (MHRD) (Inik)                           | 2019          | Resources                 |
|     |                       |               | testing of a down draft                             |           |                                                                                |               |                           |
|     | Dr. Priyanka          |               | gasifier system completed by                        |           |                                                                                |               |                           |
|     | Kaushal & Dr.         | 2017-         | hydrogen enrichment through                         |           | Ministry of Petroleum and Natural Gas                                          | 2018-         | Department of             |
| 12  | Atul Kumar            | 2019          | air steam gasification                              | 2,00,000  | https://mopng.gov.in/en                                                        | 2019          | Policy Studies            |
|     | Dr. Bhawna            | 2017-         | Capacity Building for Urban                         |           |                                                                                | 2018-         | Department of<br>Energy & |
| 13  | Bali                  | 2017-2018     | Development                                         | 1,52,075  | Ministry of Urban Development (MoUD) (link)                                    | 2018-2019     | Environment               |
| 10  | Duni                  | 2010          | Water Resources                                     | 1,02,070  |                                                                                | 2017          | 2                         |
|     |                       |               | Management through Spring                           |           |                                                                                |               |                           |
|     |                       |               | and Catchment Rejuvenation                          |           |                                                                                |               | Department of             |
| 1.4 | Dr. Vinay             | 2019-         | in Uttrakhand for Improving                         | 20 72 707 | National Mission on Himalayan Studies (NMHS)                                   | 2018-         | Energy &                  |
| 14  | Kumar Sinha           | 2021          | Water Security                                      | 39,72,707 | https://www.nmhs.org.in/#!tab1<br>National Security Council Secretariat (NSCS) | 2019          | Environment               |
|     | Dr.                   |               |                                                     |           | https://issat.dcaf.ch/Share/People-                                            |               | Department of             |
|     | Nithiyanandam         | 2016-         | Developing advanced models                          |           | Organisations/Organisations/National-Security-Council-                         | 2018-         | Energy &                  |
| 15  | Yogeswaran            | 2019          | for climate studies                                 | 3,97,900  | Secretariat                                                                    | 2019          | Environment               |
| 1 - | Dr.                   | 2015-         | Customized algorithms for                           | 1 22 000  | National Security Council Secretariat (NSCS)                                   | 2018-         | Department of             |
| 16  | Nithiyanandam         | 2019          | climate studies                                     | 1,32,000  | https://issat.dcaf.ch/Share/People-                                            | 2019          | Energy &                  |

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

| I  |                 |       | Transboundary water          |           |                                                       | 1     | 1 1           |
|----|-----------------|-------|------------------------------|-----------|-------------------------------------------------------|-------|---------------|
|    |                 |       | governance and role of       |           |                                                       |       |               |
|    |                 |       | institution to enhance the   |           |                                                       |       |               |
|    |                 |       | capacities of marginalized   |           |                                                       |       | Department of |
|    |                 | 2019- | community in Mahakali        |           |                                                       | 2018- | Energy &      |
| 28 | Dr. Arun Kansal | 2019  | River Basin                  | 2,41,500  | Tribhuvan University (link)                           | 2019  | Environment   |
|    |                 |       | Modelling for Enchancing     | _,,       |                                                       |       | Department of |
|    | Dr. Vinay       | 2017- | Water Quality in Uttarakhand |           | Uttarakhand State Council for Science and Technology  | 2018- | Regional      |
| 29 | Kumar Sinha     | 2020  | using Geospatial Technology  | 5,35,000  | https://www.ucost.in/                                 | 2019  | Water Studies |
|    |                 |       | Isolation and comparative    | - , ,     |                                                       |       |               |
|    |                 |       | analysis of promoter         |           |                                                       |       |               |
|    |                 |       | homeologs of flowering time  |           |                                                       |       |               |
|    |                 |       | gene SOC 1 : Discovering     |           |                                                       |       |               |
|    |                 |       | novel promoters invloved in  |           |                                                       |       | Department of |
|    | Dr. Anandita    | 2018- | floral transition in Indian  |           |                                                       | 2018- | Regional      |
| 30 | Singh           | 2021  | Brassicas                    | 22,55,000 | Department of Biotechnology (DBT) (link)              | 2019  | Water Studies |
|    |                 |       | Financial Sanction under     |           |                                                       |       |               |
|    |                 |       | National Post Doctoral       |           |                                                       |       |               |
|    |                 |       | Fellowship to Ms. Aditi Jain |           |                                                       |       | Department of |
|    | Dr. Anandita    | 2017- | vide dairy no.               |           |                                                       | 2018- | Regional      |
| 31 | Singh           | 2019  | SERB/F/3627/2017-2018        | 9,04,808  | Science and Engineering Research Board (SERB) (link)  | 2019  | Water Studies |
|    |                 |       | Understanding the role of    |           |                                                       |       |               |
|    |                 |       | MIR160 and AUXIN             |           |                                                       |       |               |
|    |                 |       | RESPONSE FACTORS in          |           |                                                       |       |               |
|    |                 |       | establishment of root system |           |                                                       |       | Department of |
|    | Dr. Anandita    | 2018- | archietcture for improvement |           |                                                       | 2018- | Energy &      |
| 32 | Singh           | 2021  | of crop Brassicas            | 12,16,160 | Science and Engineering Research Board (SERB) (link)  | 2019  | Environment   |
|    | Dr. Arun Kansal |       | Landscape Approach for       |           | Solidaridad Network Asia Limited (link)               |       | Department of |
|    | & Dr. Fawzia    | 2017- | Land-Water-Community         |           |                                                       | 2018- | Energy &      |
| 33 | Tarannum        | 2017  | Security                     | 9,00,000  |                                                       | 2019  | Environment   |
|    |                 |       | Cities on Women :            |           |                                                       |       |               |
|    |                 |       | Uncovering the relationship  |           |                                                       |       |               |
|    |                 |       | between Gender, Land-use     |           |                                                       |       |               |
|    |                 |       | and Livelihoods for          |           |                                                       |       |               |
|    | -               |       | Embedding Climate Change     |           |                                                       |       | Department of |
|    | Dr. Abhijit     | 2018- | Resilience in Himalayan      |           | The International Centre for Integrated Mountain      | 2018- | Natural       |
| 34 | Datey           | 2019  | Cities                       | 12,28,571 | Development (ICIMOD) (link)                           | 2019  | Resources     |
|    |                 |       | Condcuting Third Party       |           |                                                       |       |               |
|    |                 |       | Evaluation of the            |           |                                                       |       |               |
|    | D 411           | 2010  | States/Union Teritories      |           |                                                       | 2010  | Department of |
| 25 | Dr. Abhijit     | 2018- | regarding Implementation of  | E 10.00C  | The New Hundder of Helen ACC ( ATTLAN (1, 1)          | 2018- | Natural       |
| 35 | Datey           | 2019  | Reforms under AMRUT          | 5,18,096  | The National Institute of Urban Affairs (NIUA) (link) | 2019  | Resources     |

| 1   |                 |           | Service Agreement - Delivery                     |           | WaterEd Australia Pty. Ltd. (link)                                | 1         |                |
|-----|-----------------|-----------|--------------------------------------------------|-----------|-------------------------------------------------------------------|-----------|----------------|
|     |                 |           | of short course on Gender,                       |           |                                                                   |           | Department of  |
|     |                 | 2018-     | Equity and Water                                 |           |                                                                   | 2018-     | Natural        |
| 36  | Dr. Arun Kansal | 2019      | Management                                       | 9,60,993  |                                                                   | 2019      | Resources      |
|     |                 |           | Rejuvenating the Ganga:                          |           |                                                                   |           |                |
|     |                 |           | Investigating the Potential for                  |           |                                                                   |           |                |
|     |                 |           | Decentralized Institutions,                      |           |                                                                   |           |                |
|     |                 |           | Technologies and                                 |           |                                                                   |           |                |
|     | Dr. Sukanya     | 2016-     | Governance to Meet the                           |           |                                                                   | 2019-     | Department of  |
| 1   | Das             | 2020      | Wastewater Challenge                             | 1,18,742  | AUBURN University (link) https://www.auburn.edu/                  | 2020      | Policy Studies |
|     | Dr. Kavita      |           | Meta-analysis for                                |           |                                                                   |           | Department of  |
|     | Sardana & Dr.   | 2019-     | Environmental Damage                             |           |                                                                   | 2019-     | Energy &       |
| 2   | Sukanya Das     | 2019      | Assessment                                       | 5,01,975  | Central Pollution Control Board (CPCB) https://cpcb.nic.in/       | 2020      | Environment    |
|     |                 |           | Residential Training                             |           |                                                                   |           |                |
|     |                 |           | Programmes on Global                             |           |                                                                   |           |                |
|     |                 |           | Warming, Climate Change                          |           |                                                                   |           |                |
|     | Dr. Kamna       | 2019-     | and Disaster Management -                        |           |                                                                   | 2019-     | Department of  |
| 3   | Sachdeva        | 2019      | Future Perspective                               | 2,80,800  | Central Pollution Control Board (CPCB) https://cpcb.nic.in/       | 2020      | Biotechnology  |
|     | Dr. Sudipta     | 2019-     | Forest Impacts on Nitrogen                       |           | Centre For Ecology & Hydrology, United Kingdom                    | 2019-     | Department of  |
| 4   | Chatterjee      | 2025      | Pollution                                        | 64,25,983 | https://www.ceh.ac.uk/                                            | 2020      | Biotechnology  |
|     |                 |           | Spatial Distribution of                          |           |                                                                   |           |                |
|     |                 |           | Uranium and associated                           |           |                                                                   |           | -              |
| ~   | Dr. Chander     | 2017-     | water quality parameters in                      | 2 72 015  |                                                                   | 2019-     | Department of  |
| 5   | Kumar Singh     | 2019      | five districts of UP                             | 3,72,815  | Department of Atomic Energy (BRNS) (link)                         | 2020      | Biotechnology  |
|     |                 |           | Scalable synthesis of strach                     |           |                                                                   |           |                |
|     |                 |           | nanoparticles based<br>adhesive/consolidants for |           |                                                                   |           |                |
|     |                 | 2019-     | conservation of cellulose                        |           | Density of Science and Technology (DST)                           | 2019-     | Department of  |
| 6   | Dr. Udit Soni   | 2019-2022 | based hertiage objects                           | 25,00,000 | Department of Science and Technology (DST)<br>https://dst.gov.in/ | 2019-2020 | Biotechnology  |
| 0   | DI. Uuit Soili  | 2022      | Research Study on ' Dark                         | 23,00,000 | https://dst.gov.m/                                                | 2020      | Biotechnology  |
|     |                 |           | Ship' Detection Using                            |           |                                                                   |           |                |
|     | Dr.             |           | Precision Algorithm                              |           | Directorate of Network Centric Operations Integrated              |           |                |
|     | Nithiyanandham  | 2019-     | Leveraging Logical Analysis                      |           | Headquarters Ministry of Defence (N);                             | 2019-     | Department of  |
| 7   | Yogeswaran      | 201)-     | Of Varied Inputs (Pallavi)                       | 2,78,300  | https://www.mod.gov.in/                                           | 201)-     | Biotechnology  |
| · · | 10505 waran     | 2020      | Addressing the problems of                       | 2,70,500  | Interest in a miniou.go min                                       | 2020      | Diotechnology  |
|     |                 |           | groud water depletion, water                     |           |                                                                   |           |                |
|     |                 |           | scarcity, flooding and hence                     |           |                                                                   |           |                |
|     |                 |           | water mis-management in                          |           |                                                                   |           |                |
|     | Dr. Fawzia      | 2019-     | Gurugram District of                             |           | District Administration, Gurugram : Guru-Jal                      | 2019-     | Department of  |
| 8   | Tarannum        | 2019      | Haryana                                          | 10,03,750 | https://gurujal.org/                                              | 2019      | Biotechnology  |
|     |                 |           | Prevalence, Procreation,                         | ,,00      |                                                                   |           |                |
|     | Dr. Chandan     | 2019-     | Persecution and Prevention                       |           |                                                                   | 2019-     | Department of  |
| 9   | Kumar           | 2021      | regarding Caesarean-Section                      | 18,14,308 | Indian Council of Medical Research (link)                         | 2020      | Biotechnology  |
| 9   | Kumar           | 2021      | regarding Caesarean-Section                      | 18,14,308 | Indian Council of Medical Research (link)                         | 2020      | Biotechnology  |

| +  |                     |               | Asia : A Systematic Review                       |           |                                                      |           |                          |
|----|---------------------|---------------|--------------------------------------------------|-----------|------------------------------------------------------|-----------|--------------------------|
|    |                     |               |                                                  |           |                                                      |           |                          |
|    |                     |               | and Meta Analysis                                |           |                                                      |           |                          |
|    |                     |               | Impact of Urban<br>Infrastructure Schemes on     |           |                                                      |           |                          |
|    |                     | 2019-         | Mitigation of Greenhouse                         |           |                                                      | 2019-     | Department of            |
| 10 | Dr. Atul Kumar      | 2020          | Gas Emissions                                    | 6,00,000  | Ministry of Housing & Urban Affairs (link)           | 2020      | Policy Studies           |
|    |                     |               | Design Development and                           |           |                                                      |           |                          |
|    |                     |               | testing of a down draft                          |           |                                                      |           |                          |
|    |                     |               | biomass gasifier system                          |           |                                                      |           |                          |
|    | Dr. Priyanka        |               | completed by Hydrogen                            |           |                                                      |           | Department of            |
|    | Kaushal & Dr.       | 2017-         | enrichment through air-steam                     | 2 00 200  | Ministry of Petroleum and Natural Gas                | 2019-     | Energy &                 |
|    | Atul Kumar          | 2019          | gasification                                     | 3,08,200  | https://mopng.gov.in/en                              | 2020      | Environment              |
|    | Dr.<br>Ramakrishnan | 2018-         | Gene regulation by DNA methylation in Bacillus   |           | Science and Engineering Research Board               | 2019-     | Department of            |
|    | Sitaraman           | 2018-2021     | anthracis (Sterne)                               | 8,57,000  | http://www.serb.gov.in/home.php                      | 2019-2020 | Biotechnology            |
| 12 | Sitaraman           | 2021          | Space Technology Utilisation                     | 8,57,000  | http://www.sero.gov.ni/home.php                      | 2020      | Diotectinology           |
|    |                     |               | for Food Security,                               |           |                                                      |           |                          |
|    |                     | 2019-         | Agricultural Assessment and                      |           | Space Application Centre, ISRO                       | 2019-     | Department of            |
| 13 | Dr. Neeti Sinha     | 2021          | Monitoring (SUFALAM)                             | 6,50,000  | https://www.sac.gov.in/Vyom/index.jsp                | 2020      | Biotechnology            |
|    |                     |               | Executive Programme on                           |           |                                                      |           | Department of            |
|    | Dr. Gopal           | 2019-         | Human Security and Drug                          |           |                                                      | 2019-     | Energy &                 |
| 14 | Krishna Sarangi     | 2020          | Policy in Afghanistan                            | 36,58,622 | Swansea University https://www.swansea.ac.uk/        | 2020      | Environment              |
|    |                     |               | Transboundary water                              |           |                                                      |           |                          |
|    |                     |               | governance and role of                           |           |                                                      |           |                          |
|    |                     |               | institution to enhance the                       |           |                                                      |           | Description              |
|    |                     | 2019-         | capacities of marginalized community in Mahakali |           |                                                      | 2019-     | Department of<br>Natural |
| 15 | Dr. Arun Kansal     | 2019-2019     | River Basin                                      | 2,43,368  | Tribhuvan University (link)                          | 2019-2020 | Resources                |
| 15 | Di. / Hull Kalisal  | 2017          | Modelling for Enchancing                         | 2,43,300  | <u>Thomavan Oniversity (hink)</u>                    | 2020      | Department of            |
|    | Dr. Vinay           | 2017-         | Water Quality in Uttarakhand                     |           | Uttarakhand State Council for Science and Technology | 2019-     | Regional                 |
|    | Kumar Sinha         | 2020          | using Geospatial Technology                      | 4,90,000  | https://www.ucost.in/                                | 2020      | Water Studies            |
|    |                     |               | Isolation and comparative                        |           | ^<br>^                                               |           |                          |
|    |                     |               | analysis of promoter                             |           |                                                      |           |                          |
|    |                     |               | homeologs of flowering time                      |           |                                                      |           |                          |
|    |                     |               | gene SOC 1 : Discovering                         |           |                                                      |           |                          |
|    |                     | 2010          | novel promoters invloved in                      |           |                                                      | 0010      | D                        |
|    | Dr. Anandita        | 2018-<br>2021 | floral transition in Indian                      | 12 04 500 | Department of Biotechnology (DPT) (link)             | 2019-     | Department of            |
| 17 | Singh               | 2021          | Brassicas<br>Developing and                      | 13,04,500 | Department of Biotechnology (DBT) (link)             | 2020      | Biotechnology            |
|    |                     | 2015-         | Implementing Smart Grids in                      |           |                                                      | 2019-     | Department of            |
| 18 | Dr. Amit Kumar      | 2013-2018     | India                                            | 6,17,920  | Technische Universsiteit (link)                      | 2019-     | Policy Studies           |

|    |                                 |               | Cities on Women :<br>Uncovering the relationship<br>between Gender, Land-use<br>and Livelihoods for<br>Embedding Climate Change                               |           |                                                                                        |               |                                          |
|----|---------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------|---------------|------------------------------------------|
| 19 | Dr. Abhijit<br>Datey            | 2018-<br>2019 | Resilience in Himalayan<br>Cities                                                                                                                             | 4,75,168  | <u>The International Centre for Integrated Mountain</u><br>Development (ICIMOD) (link) | 2019-<br>2020 | Department of<br>Policy Studies          |
| 20 | Dr. Abhijit<br>Datey            | 2018-<br>2019 | Success stories in urban<br>climae action : Building the<br>economic evidence base (the<br>"Project") World Resources<br>Institute-funded research<br>project | 3,54,680  | University of Leeds (link)                                                             | 2019-<br>2020 | Department of<br>Energy &<br>Environment |
|    | 5                               |               | Service Agreement - Delivery                                                                                                                                  |           | WaterEd Australia Pty. Ltd. (link)                                                     |               |                                          |
|    |                                 | 2018-         | of short course on Gender,<br>Equity and Water                                                                                                                |           |                                                                                        | 2019-         | Department of<br>Natural                 |
| 21 | Dr. Arun Kansal                 | 2010          | Management                                                                                                                                                    | 4,52,505  |                                                                                        | 2019          | Resources                                |
|    |                                 |               | Development of a framework                                                                                                                                    |           |                                                                                        |               |                                          |
| 1  | Dr. Smriti Das                  | 2020-<br>2022 | for the local implementation<br>of the SDG's - Phase II                                                                                                       | 73,916    | Chulalongkorn University https://www.chula.ac.th/en/                                   | 2020-<br>2021 | Department of<br>Biotechnology           |
| 1  | Dr. Manish                      | 2022          | of the SDO's - Thase II                                                                                                                                       | 75,710    |                                                                                        | 2021          | Diotectifiology                          |
|    | Kumar                           |               |                                                                                                                                                               |           |                                                                                        |               |                                          |
|    | Srivastava, Dr.<br>Sapan Thapar |               | India's ambitions and possibilities of becoming a                                                                                                             |           |                                                                                        |               |                                          |
|    | and Dr. Atul                    | 2020-         | global green leader                                                                                                                                           |           | CICERO Senter for Klimaforskning (Center for International                             | 2020-         | Department of                            |
| 2  | Kumar                           | 2024          | (INDGREEN)                                                                                                                                                    | 7,64,387  | Climate Research) https://cicero.oslo.no/en                                            | 2021          | Biotechnology                            |
|    | Dr. Shashi                      | 2010          | Department of CMS /RF                                                                                                                                         |           |                                                                                        | 2020          | <b>D</b>                                 |
| 3  | Bhushan<br>Tripathi             | 2018-<br>2021 | System in Bhut Jolokia using marker assisted selection                                                                                                        | 42,84,977 | Department of Biotechnology (DBT) (link)                                               | 2020-<br>2021 | Department of<br>Biotechnology           |
|    | IIIpaun                         | 2021          | Collection, evaluation,                                                                                                                                       | 72,07,777 | Department of Diotechnology (DDT) (mix)                                                | 2021          | Diotectinology                           |
|    |                                 |               | documentation and                                                                                                                                             |           |                                                                                        |               |                                          |
|    | Dr. Shashi<br>Bhushan           | 2018-         | conservation of banana<br>genetic resources from north                                                                                                        |           |                                                                                        | 2020-         | Department of                            |
| 4  | Tripathi                        | 2018-2021     | eastern region                                                                                                                                                | 8,06,000  | Department of Biotechnology (DBT) (link)                                               | 2020-2021     | Biotechnology                            |
|    |                                 |               | Isolation and comparative                                                                                                                                     | .,,       |                                                                                        |               |                                          |
|    |                                 |               | analysis of promoter                                                                                                                                          |           |                                                                                        |               |                                          |
|    |                                 |               | homeologs of flowering time<br>gene SOC 1 : Discovering                                                                                                       |           |                                                                                        |               |                                          |
|    |                                 |               | novel promoters invloved in                                                                                                                                   |           |                                                                                        |               |                                          |
| _  | Dr. Anandita                    | 2018-         | floral transition in Indian                                                                                                                                   | 15 40 600 |                                                                                        | 2020-         | Department of                            |
| 5  | Singh<br>Dr. Chaithanya         | 2021<br>2016- | Brassicas<br>Structural studies on proteins                                                                                                                   | 15,48,600 | Department of Biotechnology (DBT) (link)                                               | 2021<br>2020- | Biotechnology<br>Department of           |
| 6  | Madhurantakam                   | 2018-2021     | involved in synthesis and                                                                                                                                     | 38,44,000 | Department of Biotechnology (DBT) (link)                                               | 2020-2021     | Policy Studies                           |

| 1  |                                 |               | processing of mycolic acids                          |           |                                                                   | 1             | 1                         |
|----|---------------------------------|---------------|------------------------------------------------------|-----------|-------------------------------------------------------------------|---------------|---------------------------|
|    |                                 |               | in Mycobacterium                                     |           |                                                                   |               |                           |
|    |                                 |               | tuberculosis                                         |           |                                                                   |               |                           |
|    |                                 |               | SARASWATI 2.0 -                                      |           |                                                                   |               |                           |
|    |                                 |               | Identifying best available                           |           |                                                                   |               |                           |
|    |                                 |               | technologies for                                     |           |                                                                   |               |                           |
|    | Dr. Culture                     | 2020-         | decentralized wastewater<br>treatment and resource   |           |                                                                   | 2020          | Department of<br>Regional |
| 7  | Dr. Sukanya<br>Das              | 2020-2024     | recovery for India                                   | 3,05,000  | Department of Science and Technology (DST)<br>https://dst.gov.in/ | 2020-<br>2021 | Water Studies             |
| /  | Das                             | 2024          | Demonstration of sustainable                         | 3,03,000  | https://dst.gov.ni/                                               | 2021          | water Studies             |
|    |                                 |               | mitigation of groundwater                            |           |                                                                   |               |                           |
|    |                                 |               | arsenic in arsenic-polluted                          |           |                                                                   |               |                           |
|    |                                 |               | Gangetic River aquifers of                           |           |                                                                   |               |                           |
|    |                                 |               | Bihar, Uttar Pradesh and                             |           |                                                                   |               | Department of             |
|    | Dr. Chander                     | 2020-         | West Bengal, India-Tribute                           |           | Department of Science and Technology & IIT, Kharagpur             | 2020-         | Regional                  |
| 8  | Kumar Singh                     | 2022          | Ganga                                                | 25,80,222 | <u>(link)</u>                                                     | 2021          | Water Studies             |
|    |                                 |               | Water Energy Food Nexus<br>(WEFN) Through Solar-     |           |                                                                   |               |                           |
|    | Dr. Shashi                      |               | Green House Based                                    |           |                                                                   |               |                           |
|    | Bhushan                         |               | Hydroponic Solutions with                            |           |                                                                   |               |                           |
|    | Tripathi, Dr.                   |               | Android Mobile Application                           |           |                                                                   |               |                           |
|    | Vinay Sinha and                 |               | of Vegetable Market for                              |           | Department of Science and Technology (DST)                        |               | Department of             |
|    | Dr. Som                         | 2020-         | Rural farmers and Urban                              |           | https://dst.gov.in/ & Uttrakhand State Councilfor Science and     | 2020-         | Natural                   |
| 9  | Mondal                          | 2022          | Users                                                | 15,16,560 | Technology                                                        | 2021          | Resources                 |
|    |                                 |               | Scalable synthesis of strach nanoparticles based     |           |                                                                   |               |                           |
|    |                                 |               | adhesiye/consolidants for                            |           |                                                                   |               | Department of             |
|    |                                 | 2019-         | conservation of cellulose                            |           | Department of Science and Technology (DST)                        | 2020-         | Energy &                  |
| 10 | Dr. Udit Soni                   | 2022          | based hertiage objects                               | 5,09,410  | https://dst.gov.in/                                               | 2021          | Environment               |
|    |                                 |               | Solutions for Indoor Tracking                        |           |                                                                   |               | Department of             |
|    | Dr. Abhijit                     | 2020-         | and Navigation for Urban                             |           | Department of Science and Technology (NGP) Division,              | 2020-         | Energy &                  |
| 11 | Datey                           | 2022          | Governance                                           | 2,50,000  | Government of India (link)                                        | 2021          | Environment               |
|    | Dr. Vinay                       | 2017-         | Preparation of the State<br>Specific Action Plan for |           | Government of Arunachal Pradesh                                   | 2020-         | Department of<br>Regional |
| 12 | Kumar Sinha                     | 2017-2022     | Water Sector                                         | 8,90,986  | https://www.arunachalpradesh.gov.in/                              | 2020-2021     | Water Studies             |
| 12 | Ms. Ranjana                     | 2022          | Water Sector                                         | 8,70,780  | https://www.arunachaipradesh.gov.m/                               | 2021          | water Studies             |
|    | Ray Chaudhuri,                  |               | Blue Green Interventions for                         |           |                                                                   |               |                           |
|    | Dr. Fawzia                      |               | addressing flooding between                          |           |                                                                   |               | Department of             |
|    | Tarannum and                    | 2020-         | Sectors 56 and 26 in                                 |           |                                                                   | 2020-         | Energy &                  |
| 13 | Dr. Sherly MA                   | 2021          | Gurugram                                             | 5,00,000  | I Am Gurgaon, Gurugram https://iamgurgaon.org/                    | 2021          | Environment               |
|    |                                 | 2010          | Structural characterization of                       |           |                                                                   | 2020          | Department of             |
| 14 | Dr. Chaithanya<br>Madhurantakam | 2018-<br>2021 | a non-specific acid                                  | 4 71 250  | Indian Council of Medical Descends (ICMD) (light)                 | 2020-<br>2021 | Energy &<br>Environment   |
| 14 | waunurantakam                   | 2021          | phosphatase HppA from                                | 4,71,250  | Indian Council of Medical Research (ICMR) (link)                  | 2021          | Environment               |

|     |                 |       | Helicobater pylori            |           |                                                       |       |               |
|-----|-----------------|-------|-------------------------------|-----------|-------------------------------------------------------|-------|---------------|
|     |                 |       | Impact of Urban               |           |                                                       |       | Department of |
|     |                 | 2019- | Infrastructure Schemes on     |           |                                                       | 2020- | Energy &      |
| 15  | Dr. Atul Kumar  | 2020  | Mitigation of                 | 3,60,000  | Ministry Of Housing and Urban Affairs (link)          | 2021  | Environment   |
|     |                 |       | Water Resources               |           |                                                       |       |               |
|     |                 |       | Management through Spring     |           |                                                       |       |               |
|     |                 |       | and Catchment Rejuvenation    |           |                                                       |       | Department of |
|     | Dr. Vinay       | 2019- | in Uttrakhand for Improving   |           | National Mission on Himalayan Studies (NMHS) National | 2020- | Energy &      |
| 16  | Kumar Sinha     | 2021  | Water Security                | 51,55,412 | Mission on Himalayan Studies (NMHS)                   | 2021  | Environment   |
|     | Dr.             |       | Gene regulation by DNA        |           |                                                       |       | Department of |
|     | Ramakrishnan    | 2018- | methylation in Bacillus       |           | Science and Engineering Research Board                | 2020- | Energy &      |
| 17  | Sitaraman       | 2021  | anthracis (Sterne)            | 10,00,000 | http://www.serb.gov.in/home.php                       | 2021  | Environment   |
|     |                 |       | Understanding the role of     |           |                                                       |       |               |
|     |                 |       | MIR160 and AUXIN              |           |                                                       |       |               |
|     |                 |       | RESPONSE FACTORS in           |           |                                                       |       |               |
|     |                 |       | establishment of root system  |           |                                                       |       | Department of |
|     | Dr. Anandita    | 2018- | archietcture for improvement  |           |                                                       | 2020- | Energy &      |
| 18  | Singh           | 2021  | of crop Brassicas.            | 12,00,000 | Science and Engineering Research Board (SERB) (link)  | 2021  | Environment   |
|     | Dr. Gopal       |       | Societe Generale - TERI SAS   |           |                                                       |       | Department of |
| 10  | Sarangi and Dr. | 2021- | - Research Sponsorship        |           | Societe Generale Securities India (P) Limited         | 2020- | Regional      |
| 19  | Sapan Thapar    | 2025  | Program                       | 2,68,625  | https://www.societegenerale.asia/en/india/entities/   | 2021  | Water Studies |
|     |                 |       | Space Technology Utilisation  |           |                                                       |       | -             |
|     |                 | 2010  | for Food Security,            |           |                                                       | 2020  | Department of |
| •   |                 | 2019- | Agricultural Assessment and   | 5 30 000  | Space Application Centre, ISRO                        | 2020- | Regional      |
| 20  | Dr. Neeti Sinha | 2021  | Monitoring (SUFALAM)          | 5,30,000  | https://www.sac.gov.in/Vyom/index.jsp                 | 2021  | Water Studies |
|     |                 |       | Engaging DoWRS for            |           |                                                       |       |               |
|     |                 | 2020  | content development and       |           |                                                       | 2020  | Department of |
| 0.1 | Dr. Fawzia      | 2020- | training on 'Land based water | 4 72 000  |                                                       | 2020- | Regional      |
| 21  | Tarannum        | 2021  | pollution'                    | 4,73,000  | The DHAN Academy https://dhan.org/tda/                | 2021  | 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 (in 3.2.3).

Avoid the following while uploading data Non- Government agency does not include own institution/trust/sister institution.