

<p>3.7.1</p> <p>Q_nM</p>	<p><i>Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students per year</i></p> <p>3.7.1.1: Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students year-wise during the last five years</p> <table border="1"> <tr> <td>Year</td> <td>2016-17</td> <td>2017-18</td> <td>2018-19</td> <td>2019-20</td> <td>2020-21</td> </tr> <tr> <td>Number</td> <td>29</td> <td>35</td> <td>39</td> <td>33</td> <td>30</td> </tr> </table> <p>Data to be provided for the last five years: (As per Data Template)</p> <ul style="list-style-type: none"> • Title of the collaborative activity • Name of the collaborating agency with contact details • Source of financial support • Year of collaboration • Duration • Nature of the activity <p>Formula</p> $\frac{\text{Total Number of such activities during the last five years}}{5}$ <p>File Description (Upload)</p> <ul style="list-style-type: none"> • Copies of collaboration letters • Any additional information • Number of Collaborative activities for research, faculty etc., (Data Template) 	Year	2016-17	2017-18	2018-19	2019-20	2020-21	Number	29	35	39	33	30	<p>10</p>
Year	2016-17	2017-18	2018-19	2019-20	2020-21									
Number	29	35	39	33	30									

Data Template

DVV requirement

Documents Needed

- Copies of collaboration/related nature of collaboration

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document

- The HEI should provide the summary of the collaboration indicating start date, end date, nature of collaboration etc.

documents indicating the documents indicating the and activities year-wise

- List of year wise activities and exchange should be provided

Specific instruction to HEI

Collaboration to be valid and within the assessment period.

The collaboration activities for research and academic development of faculty and students facilitated through the mentioned Collaboration only will be considered.

Avoid the following while uploading data

Activities mentioned under 3.6.3, 3.7.2 and 3.7.3

Collaborations with the sister institutions under the same Trust are not to be included.

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity	Link to the relevant document
1	Student exchange programme	University of Graz, Austria	Keegan Charles McChesney Rafaela Reznik Rocha Yasmine Zaki Abdelaziz Jasmeet Singh Khosla Maxmilian Vorast	2017-18	July – Dec. 2017	Exchange	
2	Student exchange programme	University of Reims Champagne – Ardenne, France	Tarishi Kaushik, M.Tech (Urban Development and Management)	2017-18	Oct. 2017 – Jan. 2018	Exchange	
3	Student exchange programme	Freie University of Berlin, Germany	Rohit Sharma, Doctoral Student (Department of Energy and Environment)	2017-18	Oct. 2017 – July 2018	Exchange	
4	Student exchange programme	Freie University of Berlin, Germany	Roopam Shukla, Doctoral Student (Department of Energy and Environment)	2017-18	Oct. 2017 – Mar 2018	Exchange	
5	Student exchange programme	Freie University of Berlin, Germany	Madhuri Nanda, Doctoral Student (Department of Regional Water Studies)	2017-18	May – July 2018	Exchange	
6	Student exchange programme	Freie University of Berlin, Germany	Tanya Sharma, Doctoral Student (Department of Energy and Environment)	2017-18	Feb. – July 2018	Exchange	
7	Research Collaboration ("Structural studies on proteins involved in synthesis and processing of mycolic acids in Mycobacterium tuberculosis")	Department of Biotechnology (DBT)	Dr. Chaithanya Madhurantakam	2017-18	May 2016 – January 2021	research	

8	Research Collaboration ("Design, development and testing of a down draft gasifier system completed by hydrogen enrichment through air steam gasification")	Ministry of Petroleum and Natural Gas	Dr. Piyanka Kaushal	2017-18	January 2017 – June 2019	research	
9	Research Collaboration ("Preparation of the State Specific Action Plan for Water Sector")	Government of Arunachal Pradesh	Dr. Vinay Shankar Prasad Sinha	2017-18	May 2017 – May 2018	research	
10	Research Collaboration ("Financial Sanction under National Post Doctoral Fellowship to Ms. Aditi Jain vide dairy no. SERB/F/3627/2017-2018")	Science & Engineering Research Board (SERB)	Dr. Anandita Singh	2017-18	March 2017 – March 2019	research	
11	Research Collaboration ("Geotyping of the Four SNP's based on Either Agarose Gel Electro Phorisis or real time PCR")	Nirmal Seeds Private Limited	Dr. Shashi Bhushan Tripathi	2017-18	April 2017 – March 2018	research	
12	Research Collaboration ("Department of CMS /RF System in Bhut Jolokia using marker assisted selection")	Department of Biotechnology (DBT)	Dr. Shashi Bhusan Tripathi	2017-18	January 2018 – December 2020	research	
13	Research Collaboration ("Internationally recognized information tools to enable individual and institutional consumers to make informed choices")	The United Nations Environment Programme (UNEP)	Dr. Chubamenla Jamir	2017-18	August 2017 – November 2018	research	
14	Research Collaboration ("Urban Transition beyond Municipal Boundaries : A Comparative Spatial Analysis of the PERI-Urban Areas of Gurugram and Noida")	Indian Council of Social Science Research (ICSSR)	Dr. Bhawna Bali	2017-18	April 2017 – March 2019	research	
15	Research Collaboration	Department of Atomic Energy	Dr. Chander Kumar Singh	2017-18	April	research	

	("Spatial Distribution of Uranium and associated water quality parameters in five districts of UP")	(BRNS)			2017 – March 2019		
16	Research Collaboration ("Conducting Third Party Evaluation of the States/Union Territories regarding Implementation of Reforms under AMRUT")	The National Institute of Urban Affairs (NIUA)	Dr. Abhijit Datey / Dr. Bhawna Bali	2017-18	January 2018 – March 2019	research	
17	Research Collaboration ("Air Quality Management - Plans using decision support system UrbAir India")	Central Pollution Control Board (CPCB)	Dr. Kamna Sachdeva	2017-18	November 2017 – December 2017	research	
18	Research Collaboration ("Modelling for Enhancing Water Quality in Uttarakhand using Geospatial Technology")	Uttarakhand State Council for Science and Technology	Dr. Vinay Shankar Prasad Sinha	2017-18	March 2017 – February 2020	research	
19	Research Collaboration ("Service Agreement - Delivery of short course on Gender, Equity and Water Management")	WaterEd Australia Pty Ltd.	Dr. Arun Kansal	2017-18	January 2018 – December 2019	research	
20	Research Collaboration ("Preparation of an Assessment report of Water Study Higher Education Institutions in India")	International Centre for Integrated Mountain Development (ICIMOD)	Dr. Arun Kansal	2017-18	March 2018 – May 2018	research	
21	Research Collaboration ("Collection, evaluation, documentation and conservation of banana genetic resources from north eastern region")	Department of Biotechnology (DBT)	Dr. Shashi Bhushan Tripathi	2017-18	March 2018 – February 2021	research	
22	Research Collaboration ("Developing and Implementing Smart Grids in India")	Technische Universiteit	Dr. Amit Kumar	2017-18	June 2015 – May 2018	research	

23	Research Collaboration ("Landscape Approach for Land-Water-Community Security")	Solidaridad Network Asia Limited	Dr. Fawzia Tarannum	2017-18	February 2017 – September 2017	research	
24	Research Collaboration ("Investigating the Potential for Decentralized Institutions, Technologies, and Governance to Meet the Wastewater Challenge")	AUBURN University	Dr. Sukanya Das	2017-18	August 2016 – July 2020	research	
25	Research Collaboration ("Nutritional and Livelihood security of subsistence farmer in the hilly and mountain areas of the Hindu Kush Himalayan region")	International Centre for Integrated Mountain Development (ICIMOD)	Dr. Chubamenla Jamir	2017-18	August 2017 – April 2018	research	
26	Research Collaboration ("Services of a Local Forestry Specialist (LFS) ")	The United States Agency for International Development (USAID)	Dr. Sudipta Chatterjee	2017-18	May 2017 – May 2018	research	
27	Research Collaboration ("Strengthening Water and Sanitation in Urban Settings")	The United States Agency for International Development (USAID)	Dr. Arun Kansal	2017-18	November 2014 – October 2017	research	
28	Research Collaboration ("Feasibility Study for Climate Protection by Financial Instruments in India in Collaboration with One Climate Club")	One Climate Club	Dr. Leena Srivastava	2017-18	June 2017 – October 2017	research	
29	Research Collaboration ("Develop a proof of concept for relating pollutant emissions to mass heavy duty vehicular movement ")	National Security Council Secretariat (NSCS)	Dr. Leena Srivastava	2017-18	September 2017 – February 2018	research	
30	Research Collaboration ("Students Field Placement")	The Trustee's of Coloumbia University	Dr. Prasant Kumar Singh	2017-18	December 2017 – March 2018	research	

31	Research Collaboration ("Sustainable livelihood activities on reclaimed open cast coal mines: a technology enabled integrated approach in Indian Coal sector")	Ministry of Coal	Dr. Sudipto Chatterjee	2017-18	April 2015 – March 2018	research	
32	Research Collaboration ("Research on Indian Future Energy Policy in line with the technical assistance agreement executed between TKM and TMC for production and sales of Toyota Vehicles in India")	Toyota Kirloskar Motors Private Limited	Dr. Atul Kumar	2017-18	July 2017 - March 2018	research	
33	Research Collaboration ("Support the Implementation of Lao PDR's Sustainable Consumption and Production Policy mainstreaming programme")	United Nations Environment Programme (UNEP)	Dr. Shaleen Singhal	2017-18	August 2017 – November 2017	research	
34	Research Collaboration ("Share Experiences between India and Norway on GHG Emission Inventory")	Ministry of Climate and Environment, Norwegian	Dr. Atul Kumar	2017-18	October 2017 – October 2017	research	
35	Research Collaboration ("Preparation of Two technical Papers on Linkages between Energy and SDG's for discussion during "2018 High Level Political Forum"")	UNDESA (DSD)	Dr. Leena Srivastava	2017-18	June 2017 – August 2017	research	
36	Research Collaboration ("7 days Challenge Programme")	Embassy of Sweden	Dr. Leena Srivastava	2017-18	November 2017 – March 2018	research	
39	Research Collaboration ("Hi-Aware sub project for TERI University")	TERI	Dr. Kamna Sachdeva	2017-18	January 2015 – January 2018	research	
1	Identifying collaboration areas	SIDA	Dr. Naqui Anwer	2018-19	12-19	research	

	in research, opportunities for student exchange and further faculty exchange between the Dept of Built and Energy Environment (LU), Linnaeus University and Dept. of Energy & Environment (TERI SAS)				May 2019		
2	Identifying collaboration areas in research, opportunities for student exchange and further faculty exchange between the Dept of Built and Energy Environment (LU), Linnaeus University and Dept. of Energy & Environment (TERI SAS)	SIDA	Dr. Aviruch Bhatia	2018-19	12-19 May 2019	research	
3	Research Collaboration ("Establishment of Centre of Excellence for Training and Research in Frontier Areas of Science and Technology (FAST)")	Ministry of Human Resource Development (MHRD)	Dr. Som Mondal	2018-19	September 2014 – September 2020	research	
4	Research Collaboration ("Structural studies on proteins involved in synthesis and processing of mycolic acids in Mycobacterium tuberculosis")	Department of Biotechnology (DBT)	Dr. Chaithanya Madhurantakam	2018-19	May 2016 – January 2021	research	
5	Research Collaboration ("Advance Model for Climate Research")	National Security Council Secretariat (NSCS)	Dr. Nithiyandam Yogeswaran	2018-19	2016-2019	research	
6	Research Collaboration ("Design, development and testing of a down draft gasifier system completed by hydrogen enrichment through air steam gasification")	Ministry of Petroleum and Natural Gas	Dr. Priyanka Kaushal / Dr. Atul Kumar	2018-19	January 2017 – June 2019	research	
7	Research Collaboration ("Understanding the role of MIR160 and AUXIN")	Science & Engineering Research Board (SERB)	Dr. Anandita Singh	2018-19	June 2018 – May 2021	research	

	RESPONSE FACTORS in establishment of root system architecture for improvement of crop Brassicas.")							
8	Research Collaboration ("Urban Transition beyond Municipal Boundaries : A Comparative Spatial Analysis of the PERI-Urban Areas of Gurugram and Noida")	Indian Council of Social Science Research	Dr. Bhawna Bali	2018-19	April 2017 – March 2019	research		
9	Research Collaboration ("Modelling for Enhancing Water Quality in Uttarakhand using Geospatial Technology")	Uttarakhand State Council for Science and Technology	Dr. Vinay Shankar Prasad Sinha	2018-19	March 2017 – February 2020	research		
10	Research Collaboration ("Climate Jamboree - A journey from climate apathy to empathy.")	Coca Cola India (P) Ltd.	Dr. Leena Srivastava / Ms. Ranjana Saikia	2018-19	December 2018 – December 2019	research		
11	Research Collaboration ("Service Agreement - Delivery of short course on Gender, Equity and Water Management")	WaterEd Australia Pty Ltd.	Dr. Arun Kansal	2018-19	January 2018 – December 2019	research		
12	Research Collaboration ("Isolation and comparative analysis of promoter homeologs of flowering time gene SOC 1 : Discovering novel promoters involved in floral transition in Indian Brassicas")	Department of Biotechnology (DBT)	Dr. Anandita Singh	2018-19	August 2018 – July 2021	research		
13	Research Collaboration ("Gene regulation by DNA methylation in Bacillus anthracis (Sterne)")	Science & Engineering Research Board (SERB)	Dr. Ramakrishnan Sitaraman	2018-19	September 2018 – August 2021	research		
14	Research Collaboration ("Structural characterization of a non-specific acid	Indian Council of Social Science Research (ICMR)	Dr. Chaithanya Madhurantakam	2018-19	December 2018 – November	research		

	phosphatase HppA from <i>Helicobacter pylori</i> ")				2021			
15	Research Collaboration ("Towards an Integrated Global Transport and Health Assessment Tool (TIGTHAT)")	Indian Institute of Technology (IIT), New Delhi	Dr. Deepty Jain	2018-19	March 2018 – February 2019	research		
16	Research Collaboration ("Cities on Women : Uncovering the relationship between Gender, Land-use and Livelihoods for Embedding Climate Change Resilience in Himalayan Cities")	International Centre for Integrated Mountain Development (ICIMOD)	Dr. Abhijit Datey	2018-19	August 2018 – November 2019	research		
17	Research Collaboration ("Paddy Growing Culture of the Ao-Naga Tribe and Climate Change")	The Indira Gandhi National Centre for the Arts (IGNCA), New Delhi	Dr. Chubamenla Jamir	2018-19	September 2018 – February 2020	research		
18	Research Collaboration ("Developing Country Participation in addressing Climate Change : Research on policy instruments for achievement of India's NDCs and Strengthening Non-state Climate Action in the Global South")	TERI	Dr. Manish Kumar Srivastava	2018-19	July 2018 – June 2019	research		
19	Research Collaboration ("Students Research Grant : Ms. Ishita Sinha and Ms. Prakriti Sharma")	Columbia University	Dr. Smriti Das	2018-19	January 2019 – May 2019	research		
20	Research Collaboration ("Recycling Plastics in Asian City Environments (RePLACE)")	RMIT University	Dr. Arun Kansal	2018-19	April 2018 – December 2018	research		
21	Research Collaboration ("Mahindra TERI Centre of Excellence")	TERI	Dr. Arun Kansal	2018-19	January 2019 – July 2020	research		

22	Research Collaboration ("Energy Audit and Pre-Feasibility Study for Namangan City Suvokova (1256781), Uzbekistan")	TERI	Dr. Arun Kansal	2018-19	January 2019 – January 2020	research		
23	Research Collaboration ("Transboundary water governance and role of institution to enhance the capacities of marginalized community in Mahakali River Basin")	Tribhuvan University	Dr. Arun Kansal	2018-19	February 2019 – December 2019	research		
24	Research Collaboration ("Water Resources Management through Spring and Catchment Rejuvenation in Uttarakhand for Improving Water Security")	National Mission on Himalayan Studies (NMHS)	Dr. Vinay Shankar Prasad Sinha	2018-19	February 2019 – January 2022	research		
25	Research Collaboration ("Scalable synthesis of strach nanoparticles based adhesive/consolidants for conservation of cellulose based heritage objects")	Department of Science and Technology (DST)	Dr. Udit Soni	2018-19	March 2019 – February 2022	research		
26	Research Collaboration ("Global Summit 2019")	The Trustee's of Columbia University	Dr. Smriti Das	2018-19	January 2018 – August 2018	research		
27	Research Collaboration ("Model Building and Developing Customized Algorithm for Climate Studies")	National Security Council Secretariat (NSCS)	Dr. Nithiyandam Yogeswaran	2018-19	2015-2019	research		
28	Research Collaboration ("Financial Sanction under National Post Doctoral Fellowship to Ms. Aditi Jain vide dairy no.	Science & Engineering Research Board (SERB)	Dr. Anandita Singh	2018-19	March 2017 – March 2019	research		

	SERB/F/3627/2017-2018")							
29	Research Collaboration ("Internationally recognized information tools to enable individual and institutional consumers to make informed choices")	The United Nations Environment Programme (UNEP)	Dr. Chubamenla Jamir	2018-19	August 2017 – November 2018	research		
30	Research Collaboration ("Conducting Third Party Evaluation of the States/Union Territories regarding Implementation of Reforms under AMRUT")	The National Institute of Urban Affairs (NIUA)	Dr. Abhijit Datey / Dr. Bhawna Bali	2018-19	January 2018 – March 2019	research		
31	Research Collaboration ("Climate Jamboree - A journey from climate apathy to empathy")	Dalmia Cement Bharat Ltd. & Others	Dr. Leena Srivastava / Ms. Ranjana Saikia / Dr. Rajiv Seth	2018-19	April 2018 – March 2019	research		
32	Research Collaboration ("Evaluation of CO2 Emission Reduction by Mobility Electrification & Alternative Fuels (Biofuels/CNG) Introduction in India")	Toyota Kirloskar Motor Pvt. Ltd.	Dr. Atul Kumar	2018-19	December 2018 – March 2019	research		
33	Research Collaboration ("Development of a framework for local implementation of the SDGs - Prosper.NET")	Keio University, United Nations University	Dr. Smriti Das	2018-19	January 2018 – January 2019	research		
34	Research Collaboration ("Scoring of Innovations and Best Practices Under Swachh Survekshan 2019")	Karvy Management Pvt. Ltd.	Dr. Arun Kansal	2018-19	January 2019 – February 2019	research		
35	Research Collaboration ("Key Person of Module 4 'Business Models' in Asian Circular Economy Leadership Academy")	Chulalongkorn University and United Nations Environment Programme	Dr. Ritika Mahajan	2018-19	November 2018 – March 2019	research		