

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								
Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration (Years)	Nature of the activity	Funding Source	Link for Supporting Documents
1.	Studies of organic molecules adsorbed onto clay mineral layer	Dept. of Chemistry, Yamaguchi University, Japan with Prof. Jun Kawamata	Dr. Syed Arshad Hussain	2013 - 2020	7	Research Collaboration Leading to publications https://www.sciencedirect.com/science/article/abs/pii/S0022369720301001	Variable	Documentary evidence of collaboration certificate is also Attached (Page 1)
2.	Preventing extinction and improving conservation status of threatened plants through application of biotechnological tools	Assam University & Mizoram University	Prof. B.K. Datta	2015	1	Research Collaboration (Joint Project Grant)	DBT Network Project, Department of Biotechnology, Govt. of India, New Delhi	Documentary evidence of collaboration Project Sanction letter is Attached (Page 2)
3	Molecular epidemiology of HPV and Cervical cancer in Tripura: Genetic variation and influencing HPV persistence and disease Development	NIBMG, Kalyani, West Bengal with Dr. Sharmila Sengupta	Prof. SK Sil	2015	1	Research Collaboration (Joint Project Grant)	DBT, Govt of India	Documentary evidence of collaboration Project Sanction letter is Attached (Page 3)
4.	Study the link between thunderstorms and	Porter School of the Environment and	Dr. Anirban Guha	2013 - 2020	7	Research Collaboration	NA	Documentary evidence of

	upper tropospheric water vapor.	Earth Sciences, Tel Aviv University with Prof. Colin Price				leading to application of Joint Research Grant, workshop visits etc		collaboration certificate is Attached (Page 4)
5	Atmospheric electricity and global climate	Parsons Lab MIT, USA with Prof. ER Williams	Dr. Anirban Guha	2013 - 2020	7	Research Collaboration leading to FULLGEAR and Raman Post Doc Fellowship etc.	NA	Documentary evidence of collaboration certificate is Attached (Page 5)
6	Molecular and cellular studies on normal and diabetic wound healing activities of Parkia javanika a medicinal plant of Tripura, North-East India	Netaji Subhash Mahavidyalaya, Tripura with Dr. Biplab Ghosh	Prof. SK Sil	2014	3	Research Collaboration (Joint Project Grant)	DBT, Govt of India	Documentary evidence of collaboration Project Sanction letter is Attached (Page 6)
7	Studies on anticancer activities of extracts (Bromelain and peroxidase) of different pineapple (Ananus comosus) cultivars of Tripura	Indian Institute of Chemical Biology, Kolkata with Dr. KD Saha	Prof. Debasish Maiti	2014	3	Research Collaboration (Joint Project Grant)	DBT, Govt of India	Documentary evidence of collaboration Project Sanction letter is Attached (Page 7-10)
8	Overcoming EGFR resistant oral squamous cell carcinomas with traditional healer	West Bengal State University, WB	Dr. U.C. De	2015	3	Research Collaboration (Joint Project Grant)	DBT Consortium	Documentary evidence of collaboration Project Sanction letter is Attached

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9	Assessment of carbon stock and carbon sequestration potential in major land use sectors of Tripura	NEHU, NERIST, MU,MZU, AU, RFRI	Dr Sourabh Deb & Prof. BK Dutta	2015	3	Research Collaboration (Joint Project Grant)	DST, NewDelhi	Documentary evidence of collaboration Project Sanction letter is Attached (Page 13-14)
10	Installation of indigenously developed Lightning detection network in NE India	SAMEER, Ministry of communication and information technology	Dr. Anirban Guha	2015	5	Research Collaboration (MOU)	SAMEER	Documentary evidence of MOU letter is Attached (Page 15,16)
11	Conductive polymer, their synthesis, functionalization and application as electronic material and in water treatment have	NIT Agartala with Dr. Biswajit Saha, Dept. of Physics	Dr. R.K. Nath	2015	1	Research Collaboration (PhD guidance and publication)	NA	Documentary evidence of collaboration letter is Attached (Page 17)
12	IRNSS Navigation receiver fird trial	ISRO	Dr. Anirban Guha	2016	5	Research Collaboration (MOU)	ISRO	Documentary evidence of MOU letter is Attached (Page 18,19)