

**CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION** 

## **3.7. COLLABORATION**

**3.7.1: List of functional MoUs/Collaboration** 

LIST OF YEAR WISE ACTIVITIES



3.7.1. Number of functional MoUs/ linkages with Institutions/ industries in India and Abroad for Internship, on-the-Job Training, Project work, student/Faculty Exchange and Collaborative Research during the last five year.

Year of signing MoU	Name of the organization with whom MOU/Collaboration being signed	Duration	Purpose of MOU/Collaboratio n	List the actual activities under each MOU year- wise	Date of the activity conducted
	MoU	s SIGNED	)		
2023	Sacred Heart College (A), Tirupattur	3 Years	Internship and Workshop	Nadaga Vazhi Thalamai Panbu	02.03.2023- 04.03.2023
2023	SSM, Fish Seed Farm, Swamimalai	3 Years	Internship	Fish farm Preparation techniques	05.06.2023- 09.06.2023
2023	VLOG Innovation LLP, Chennai	5 Years	Internship	PCB Board designing, 3D Printing and Laser Cutting	05.06.2023 - 09.06.2023
2023	Harman Institute of Science Education and Research, Thanjavur	5 Years	Internship	Phyto Chemical Analysis	20.12.2022
2023	M.A.M. B-SCHOOL, Siruganur, Trichy.	3 Years	Entrepreneurship, Placement & Extention Activity	Management Events	30.03.2023

2022	Pandiyanadu Cultural foundation Madurai	3 Years	Student Exchange	Conference, Workshop	22.12.2022				
2019	Sacred Heart College (A), Tirupattur	3 Years	Internship and Workshop	Stage Acting	21.05.2019- 31.05.2019				
	COLLABORATION								
	2022 - 2023								
2023	Center for Light- Matter interaction, Department of Physical Electronics, School of Eletrical Engineering, Faculty of Engineering, Tel Aviv University, Ramat Aviv, Tel Aviv 39040, Israel. Saama AI Research Lab, Chennai 600032, India Department of Physics, Presidency College (Autonomous), University Of Madras, Chennai 600005, India Instituto de Alta Investigación, Universidad de Tarapacá, Casilla 7D, Arica, Chile	2023	Research Collaboration	Research Publication	15.05.2023				
2023	Department of Physics, Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague, Břehov 7, 115 19 Praha 1-Star Mřsto, Czech Republic	2023	Research Collaboration	Research Publication	22.04.2023				

	Department of Chemical Engineering, Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, 603110, Tamil Nadu, India Centre of Excellence in Water Research (CEWAR), Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, 603 110, Tamil Nadu, India				
2023	Department of Chemistry, Government Arts College, Tiruvannamalai, Tamilnadu, India	2023	Research Collaboration	Research Publication	22.02.2023
	School of Engineering, Lebanese American University, Byblos, Lebanon				
	Department of Sustainable Engineering, Institute of Biotechnology, Saveetha School of Engineering, SIMATS, Chennai, 602105, India				
	Department of Physics, Rajalakshmi Institute of Technology, Chennai, India		Research Collaboration	Research Publication	
2023	Department of Physics, Sir Theagaraya Collge, Chennai, India	2023			01.01.2023
	Department of Physics, Arunai Engineering College, Tiruvannamalai, India				
	Department of Physics, Government Arts College (Autonomous), Salem 636007, Tamil Nadu, India				
	Department of Physics, TAG. Govt. Arts College, Tindivanam 604307, Tamil Nadu, India				
	Department of Physics, Government Arts College for Women, Salem 636008, Tamil Nadu, India				
	Department of Animal Biology and Physiology, Faculty of Science, University of Douala, P.O. Box 24157, Douala, Cameroon				

2023	Chemistry of Natural and Microbial Products Department, National Research Center, 12622 Cairo, Egypt Department of Biotechnology, Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu, India	2023	Research Collaboration	Research Publication	17.11.2022
	UNESCO-UNISA Africa Chair in Nanosciences/Nanotechnology Laboratories, College of Graduate Studies, University of South Africa (UNISA), Muckleneuk Ridge, PO Box 392, Pretoria, South Africa Nanosciences African Network (NANOAFNET),				
	Materials Research Group (MRG), iThemba LABS- National Research Foundation (NRF), 1 Old Faure Road, 7129, PO Box 722, Somerset West, Western Cape Province, South Africa				
2023	Department of Physics, Sathyabama Institute of Science and Technology, Chennai 600 119, India	2023	Research Collaboration	Research Publication	25.05.2023
2023	Department of Zoology, Annamalai University, Annamalai Nagar.608 002. Tamil Nadu, India.	2023	Research Collaboration	Research Publication	17.09.2022
2023	Department of Zoology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia	2023	Research Collaboration	Research Publication	18.05.2023

	Department of Microbiology V.S. Kiktenko, Institute of Medicine, Peoples Friendship University of Russia Named after Patrice Lumumba (RUDN University), 117198 Moscow, Russia		Research Collaboration		
2023	Department of Zoology, St. Joseph University, Chumoukedima 797115, Nagaland, India	2023		Research Publication	11.06.2023
	ICAR—National Research Centre on Mithun, Medziphema 797106, Nagaland, India				
	Department of Environmental Biology, Foundation in Unam Sapientiam, Sapienza University of Rome, 00185 Rome, Italy	2023	Research Collaboration		
2023	Interdisciplinary Institute of Indian System of Medicine (IIISM), Directorate of Research, SRM Institute Science and Technology, Kattankulathur 603 203, Tamil Nadu, India			Research Publication	08.06.2023
2023	Department of Civil Engineering, Netaji Subhas University of Technology, New Delhi, India	2022	Research	Research	18.11.2023
	Department of Information Technology, Netaji Subhas University of Technology, New Delhi, India	2023	Collaboration	Publication	

2023	Nanobiomedicine Lab, Department of Pharmacology, Saveetha Dental College and Hospitals, SIMATS, Saveetha University, Chennai 600 077, Tamil Nadu, India	2023	Research Collaboration	Research Publication	18.05.2023
	202	1 - 2022			
	Center for Light- Matterinteraction, Department of Physical Electronics, School of Eletrical Engineering, Faculty of Engineering, Tel Aviv University, Ramat Aviv, Tel Aviv 39040, Israel.				
2022	Centre for Quantum Science, Dodd-Walls Centre for Photonic and Quantum Technologies, Department of Physics, University of Otago, Dunedin 9054, New Zealand; kishor.bec@gmail.com	2022	Research Collaboration	Research Publication	21.01.2022
	Instituto de Alta Investigación, Universidad de Tarapacá, Casilla 7D, Arica 1000000, Chile Correspondence: vittal.cnls@gmail.com (R.R.); malomed@tauex.tau.ac.il (B.A.M.)				
	Department of Physics, University of Bamenda, P.O Box 39 Bamenda, Cameroon				
2022	Pure physics Laboratory: Group of nonlinear physics and complex systems, Department of Physics,Faculty of Science, University of Douala, P.O. Box 24157, Douala, Cameroon	2022	Research Collaboration	Research Publication	23.09.2022

	Institute of Theoretical Physics, UNESP – Universidade Estadual Paulista, 01156-970 S~ao Paulo, SP, Brazil.				
	Department of Physics, Presidency College (Autonomous), University of Madras, Chennai - 600005, India				
2022	Department of Physical Electronics, School of Electrical Engineering, Faculty of Engineering and Center for Light-Matter Interaction, Tel Aviv University, P.O.B. 39040, Ramat Aviv, Tel Aviv, Israel	2022	Research Collaboration	Research Publication	01.02.2022
	Saama AI Research Lab, Chennai -600032, India				
2022	Department of Physics, Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague, Brehová 7, 115 19 Praha 1-Staré Mesto, Czech Republic	2022	Research Collaboration	Research Publication	14.07.2022
	Department of Mathematics, National Institute of Technology, Tiruchirappalli 620015, India				
2022	Department of Physics, Vinayaka Mission's Kirupananda Variyar Engineering College, Periyaseeragapadi, Salem-636308, India	2022	Research Collaboration	Research Publication	23.11.2022
	School of Physical Science and Technology, Ningbo University, Ningbo, 315211, People's Republic of China				

2022	Institute of Theoretical Physics, UNESP – Universidade Estadual Paulista, 01156-970, São Paulo, São Paulo, Brazil Department of Physics, Centre for Quantum Science, and Dodd-Walls Centre for Photonic and Quantum Technologies, University of Otago, Dunedin 9054, New Zealand Department of Physics, Bharathidasan University, Tiruchirappalli 620024, India	2022	Research Collaboration	Research Publication	27.07.2022
2022	Centre for Nonlinear Science and Engineering, School of Electrical and Electronics Engineering, SASTRA Deemed University, Thanjavur, Tamil Nadu, India	2022	Research Collaboration	Research Publication	02.12.2021
2022	Centre for Nonlinear Science and Engineering, School of Electrical and Electronics Engineering, SASTRA Deemed University, Thanjavur, Tamil Nadu, India	2022	Research Collaboration	Research Publication	02.12.2021
2022	Department of Chemical Engineering, Sri Sivasubramaniya, Nadar College of Engineering, Chennai 603110, Tamilnadu, Chennai	2022	Research Collaboration	Research Publication	04.08.2022
	PG & Research Department of Mathematics, Arignar Anna Government Arts College, Namakkal-02, Tamil Nadu, India				
	Chemistry of Natural and Microbial Products Department, National Research Center, 12622, Cairo, Egypt				

2022	Genetics & Bioengineering, Faculty of Engineering and Natural Sciences, International University of Sarajevo, Bosnia and Herzegovina	2022	Research Collaboration	Research Publication	15.02.2022
	Department of Botany and Microbiology, College of Sciences, King Saud University, P.O. Box 22452, Riyadh 11495, Saudi Arabia				
	Department of Chemistry, Global Institute of Engineering and Technology (GIET), Melvisharam - 632509, Tamil Nadu, India				
2022	Department of Biology, Indiana University Bloomington, Bloomington, IN 47405, USA	2022	Research Collaboration	Research Publication	26.11.2022
2022	Department of Industries and Earth Sciences, 'Tamil University, Thanjavur, Tamil Nadu, Inda.	2022	Research Collaboration	Research Publication	01.01.2022
	Department of Zoology, St. Josheph University, Chumukedima, 797115, Nagaland, India				
2022	Department of Animal Sciences, College of Coastal Agricultural Science, Guangdong Ocean University, Zhanjiang, 524 088, China	2022	Research Collaboration	Research Publication	12.12.2022
	Department of Zoology, School of Biosciences, Avinashilingam Institute for Home Science and Higher Education for women, Coimbatore, 641 043, Tamilnadu, India				
	Department of Chemistry, Government college of Engineering, Sengipatti, Thanjavur - 613 402, Tamilnadu, India				

2022	Department of Botany, Government Arts college (Autonomous), Affliated to Bharathidasan Univerisity, Kumbakonam 612 002				
	PG and Research Department of Botany, A.V.V.M. Sri Pushpam College (Autonomous), Poondi - 613 503, Tamilnadu, India.	2022	Research	Research	07.05.2022
	Department of Chemistry, Annai Vailankanni Arts and Science College, Bishop Sundaram Campus, Thanjavur, 613 007, Tamilnadu, India	2022	Collaboration	Publication	07.03.2022
	Department of Zoology, Annai Vailankanni Arts and Science College, Bishop Sundaram Campus, Thanjavur, 613 007, Tamilnadu, India				
	Department of Botany, Sri Kalishwari College (Autonomous), Sivakasi, Tamilnadu - 626 123, India				
	Department of Chemistry, Government college of Engineering, Sengipatti, Thanjavur - 613 402, Tamilnadu, India				
	Department of Botany, Government Arts college (Autonomous), Affliated to Bharathidasan Univerisity, Kumbakonam 612 002				
	PG and Research Department of Botany, A.V.V.M. Sri Pushpam College (Autonomous), Poondi - 613 503, Tamilnadu, India.				

2022	Department of Chemistry, Annai Vailankanni Arts and Science College, Bishop Sundaram Campus, Thanjavur, 613 007, Tamilnadu, India	2022	Research Collaboration	Research Publication	08.02.2022
	Department of Zoology, Annai Vailankanni Arts and Science College, Bishop Sundaram Campus, Thanjavur, 613 007, Tamilnadu, India				
	Department of Botany, Sri Kalishwari College (Autonomous), Sivakasi, Tamilnadu - 626 123, India				
	Department of Botany, Nehru Memorial Collge (Autonomous), Puthanampatti, Tamilnadu, 621 007, India				
	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University, Science Block, 6th Floor, Burma Colony, Karaikudi 630004, Tamil Nadu, India				
2022	Department of Chemistry, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha University, Chennai 602105, Tamil Nadu, India	2022	Research Collaboration	Research Publication	13.11.2022
	College of Medicine, AlMaarefa University, Dariyah, Riyadh 13713, Saudi Arabia				

2022	Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Bharathidasan University, Mannampandal, Mayiladuthurai 609 305, Tamil Nadu, India Department of Zoology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia	2022	Research Collaboration	Research Publication	16.11.2022			
2022	Research Department of Physics, Holy Cross College (Autonomous), Nagercoil 629004, Tamil Nadu, India.	2022	Research Collaboration	Research Publication	26.11.2022			
	2020 - 2021							
2021	Centre for Nonlinear Science & Engineering, School of Electrical, Electronics Engineering, SASTRA Deemed University, Thanjavur, Tamil Nadu 613 401, India	2021	Research Collaboration	Research Publication	26.05.2021			
2021	Centre for Nonlinear Science & Engineering, School of Electrical, Electronics Engineering, SASTRA Deemed University, Thanjavur, Tamil Nadu 613 401, India	2021	Research Collaboration	Research Publication	19.03.2021			
2021	Department of Physics, Vinayaka Mission's Kirupananda Variyar Engineering College, Vinayaka Mission's Research Foundation (Deemed to be University), Salem – 636308, India	2021	Research Collaboration	Research Publication	28.09.2021			
2021	Department of Physics, Presidency College (Autonomous), University of Madras, Chennai 600005, India.	2021	Research	Research	13.10.2021			

	Saama AI Research Lab, Chennai 600032, India.		Collaboration	Publication	
2021	Department of Physics, Pondicherry University, Puducherry, 605014, Indis	2021	Research Collaboration	Research Publication	23.09.2021
2021	Department of Physics, Government Arts College for Women, (A), Tamil Nadu, Pudukkottai 622001, India	2021	Research	Research Publication	06.01.2021
	Department of Physics, H.H The Rajah's College (A), Tamilnadu, Pudukkottai, 622 001, India	Collaboration	Tublication		
2021	Department of C'hemistry Bishop Heber College. Tirachirappalli Tamil Nadu, Inda Devsion of Electrdics and Electucutuhsis, Central Electrochemical Rescarch Institute, Karaikudi, Tamil Nadu, India	2021	Research Collaboration	Research Publication	15.08.2021
	Department of Chemistry, Poompuhar college (Autonomous) (Affiliated to Bharathidasan University), Melaiyur, Nagapattinam - Dt. India	2021			
2021	Department of chemistry, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry, India		Research Collaboration Publication		12.05.2021
	PG Assistant in Chemistry, SKSDS HigherSecondary school, Thirupanandal, Thanjavur Dt, India				
2021	Department of Mathematics, Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai, India	2021	Research Collaboration	Research Publication	31.10.2021

2021	Department of Zoology, Annamalai University, Annamalai Nagar.608 002. Tamil Nadu, India.	2021	Research Collaboration	Research Publication	25.03.2022
2021	Raja Doraisingam Government Arts and Science College-Sivagangai	2021	Research Collaboration	Research Publication	15.10.2021
2021	Raja Doraisingam Government Arts and Science College-Sivagangai	2021	Research Collaboration	Research Publication	09.10.2021
2021	Raja Doraisingam Government Arts and Science College-Sivagangai	2021	Research Collaboration	Research Publication	07.10.2021
2021	Raja Doraisingam Government Arts and Science College-Sivagangai	2021	Research Collaboration	Research Publication	15.10.2021
2021	Raja Doraisingam Government Arts and Science College-Sivagangai	2021	Research Collaboration	Research Publication	21.10.2021
2021	Raja Doraisingam Government Arts and Science College-Sivagangai	2021	Research Collaboration	Research Publication	10.10.2021
2021	Institute of Policy Analysis and Research, Rwanda (IPAR - Rwanda) Kigali, Rwanda	2022	Research Collaboration	Research Publication	03.08.2021
	Department of Chemistry, Government college of Engineering, Sengipatti, Thanjavur - 613 402, Tamilnadu, India				
	Department of Botany, Government Arts college (Autonomous), Affliated to Bharathidasan Univerisity, Kumbakonam 612 002				

2021	PG and Research Department of Botany, A.V.V.M. Sri Pushpam College (Autonomous), Poondi - 613 503, Tamilnadu, India.	2021	Research Collaboration	Research Publication	13.08.2021
	Department of Chemistry, Annai Vailankanni Arts and Science College, Bishop Sundaram Campus, Thanjavur, 613 007, Tamilnadu, India				
	Department of Zoology, Annai Vailankanni Arts and Science College, Bishop Sundaram Campus, Thanjavur, 613 007, Tamilnadu, India				
2021	Department of Botany, Adhiyaman Arts and Science College for Women, Uthangarai, Tamil Nadu, 635207, India	2021	Research	Research	09.10.2021
	Mission's Research Foundation (Deemed to be University), Salem – 636308, India		Collaboration	Publication	
2021	Department of Zoology, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia	2021	Research Collaboration	Research Publication	01.07.2021
2021	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia	2021	Research	Research	24.07.2021
	Department of Chemistry, Queen Mary's College (Autonomous), Chennai, Tamil Nadu, 600004, India		Collaboration	Publication	
	201	9-2020			
2020	Department of Physics, Velammal Engineering College (Autonomous), Ambattur, Redhills road, Chennai, 600066, India	2020	Research Collaboration	Research Publication	27.11.2019

2020	Department of Physics, Presidency College (Autonomous), University of Madras, Chennai 600005, India.	2021	2021	Research	Research	14.11.2019
	Department of Theoretical Physics, Institute of Physics, Dagestan Scientific Centre, Russian Academy of science, Makhachkala 367003, Russia	2021	Collaboration	Publication	11.11.2013	
	Department of Physics, Bharathidasan University, Tiruchirappalli 620024, India					
2020	Pure Physics Laboratory: Group of nonlinear physics and complex systems, Department of Physics, Faculty of Science, University of Douala, P.O. Box 24157, Douala, Cameroon	2020	Research Collaboration	Research Publication	07.07.2020	
	Department of Physics, Faculty of Science, University of Yaoundé I, P.O. Box 812, Yaoundé, Cameroon					
2020	Department of Physics, Annamalai University, Annamalai Nagar, Chidambaram, Tamil Nadu, India	2020	Research Collaboration	Research Publication	03.04.2020	
2020	Department of Chemistry, Government Arts College, Thiruvannamalai, Tamil Nadu, India	2020	Research Collaboration	Research Publication	03.04.2020	
2020	Department of Chemistry, Annamalai University, Annamalai Nagar, Chidambaram, Tamilnadu 608 002, India	2020		Research	Research	
2020	Department of Physics and Astronomy, College of Science, King Saud University, P.O. Box 2455, Riyadh 11451, Kingdom of Saudi Arabia		Collaboration	Publication	03.04.2020	

2020	Department of Physics, Annamalai University, Annamalai Nagar, Chidambaram, Tamil Nadu, India Department of Chemistry, Government Arts College,	2020	Research Collaboration	Research Publication	03.02.2020
	Thiruvannamalai, Tamil Nadu, India				
Nanotec Studies,	UNESCO - UNISA Africa Chair in Nanosciences/ Nanotechnology Laboratories, College of Graduate Studies, University of South Africa (UNISA), Muckleneuk Ridge, PO Box 392, Pretoria, South Africa	2020	Research	Research	07.03.2020
2020	Nanosciences African Network (NANOAFNET), Materials Research Group (MRG), iThemba LABS - National Research Foundation (NRF), 1 Old Faure Road, 7129, PO Box 722, Somerset West, Western Cape Province, South Africa	2020	Collaboration	Publication	
2020	Department of Physics, Government Arts College for Women, (A), Tamil Nadu, Pudukkottai 622001, India	2020	Research Collaboration	Research Publication	05.09.2020
	Department of Physics, H.H The Rajah's College (A), Tamilnadu, Pudukkottai, 622 001, India	2020			
2020	Pure Physics Laboratory:Group Of nonlinear Physics and Complex System, Department of Physics, Faculty of Science, University of Douala, P.O.Box 24157, Douala Cameroon	2020	Research Collaboration	Research Publication	07.07.2020

2020	Pure Physics Laboratory, Group of Non linear Physics and Complex systems, Department of Physics, Faculty of Science, University of Douala, Cameroon	2020	Research Collaboration	Research Publication	14.11.2019
2020	Department of Chemistry, Poompuhar College (Autonomous), Melaiyur, Affiliated to Bharathidasan University, Tiruchirappalli, Tamil Nadu, India	2020	Research	Research	10.11.2020
2020	Department of Chemistry, School of Arts 8 Science, Sri Manakula Vinayagar Engineering College (Autonomous), Pondicherry, India	2020	Collaboration	Publication	10.11.2020
2020	Department of C'hemistry Bishop Heber College. Tirachirappalli Tamil Nadu, Inda Devsion of Electrdics and Electucutuhsis, Central Electrochemical Rescarch Institute, Karaikudi, Tamil Nadu, India	2020	Research Collaboration	Research Publication	18.05.2020
2020	Department of Industries and Earth Sciences, 'Tamil University, Thanjavur, Tamil Nadu, Inda.	2020	Research Collaboration	Research Publication	04.04.2020
2020	Department of Geography. Bharathidasan University Tiruchirappalli, India	2020	Research Collaboration	Research Publication	16.05.2020
	Department of Industries and Earth Sciences, Tamil University, Thanjavur, India.		Condistration	i doncation	
	Department of Zoology, Annamalai University, Annamalai Nagar.608 002. Tamil Nadu, India.		Research	Research	

2020	Department of Zoology, Annamalai University, Annamalai Nagar.608 002. Tamil Nadu, India.	2020	Collaboration	Publication	01.07.2019
2020	Department of Zoology, Annamalai University, Annamalai Nagar.608 002. Tamil Nadu, India.	2020	Research Collaboration	Research Publication	25.11.2019
2019	Idhaya College for Women-Kumbakonam	2019	Research Collaboration	Research Publication	10.10.2019
2019	Idhaya College for Women-Kumbakonam	2019	Research Collaboration	Research Publication	15.09.2019
2019	Idhaya College for Women-Kumbakonam	2019	Research Collaboration	Research Publication	17.09.2019
2020	Department of Zoology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia.	2020	Research Collaboration	Research Publication	17.12.2020
	School of Pharmacy, University of Camerino, Via Sant'Agostino 1, 62032 Camerino, Italy				
2020	Department of Advanced Zoology & Biotechnology, Government Arts College for Men (Autonomous), Chennai, 600035, Tamil Nadu, India	2020	Research Collaboration	Research Publication	11.10.2020

	Department of Zoology and Wildlife Biology A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, 609305, India					
	School of Materials and Energy, Southwest University, Chongqing 400715, PR China		Research	Research		
2020	Department of Chemistry, Swami Dayananda College of Arts and Science, Manjakkudi, Tiruvarur-612 610, Tamil Nadu, India		Collaboration	Publication	31.10.2020	
2019	Department of Physics, VMKV Engineering College, Salem 636308, India	2019	Research Publication	Research Collaboration	01.12.2018	
2019	Department of Physics, Annamalai University, Annamalai Nagar, Chidambaram	2019 Researc	R	Research	Research	11.11.2019
2019	Department of Physics, Government arts college, Thiruvannamalai, Tamilnadu, India		Publication	Collaboration	11.11.2019	
2019	Department of Mathematics, D.G.Vaishnav college(Autonomous),Chennai,India	2019	Research Publication	Research Collaboration	02.11.2019	
2019	Department of mathematics, Government Arts college(Autonomous), Kumbakonam, India	2019	Research Publication	Research Collaboration	05.10.2019	
2019	Biomaterials and Biotechnology in Animal Health Lab., Department of Animal Health and Management, Alagappa University, Science Campus 6thFloor, Karaikudi 630004, Tamil Nadu, India	2019	Research Collaboration	Research Publication	29.07.2019	

2019	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia	2019	Research Collaboration	Research Publication	08.05.2019	
2019	Department of C'hemistry Bishop Heber College. Tirachirappalli Tamil Nadu, Central Electrochemical Rescarch Institute, Karaikudi, Tamil Nadu, India	2019	Research Collaboration	Research Publication	03.12.2019	
2019	Research Department of Economics, Government arts college (Autonomous), Kumbakonam, India.	2019	Research Collaboration	Research Publication	09.04.2019	
2019	Governent Arts College (A), Kumbakonam, India	2019	Research Collaboration	Research Publication	06.06.2019	
2019	Anandhan.R, Assistant Professor, Department of Zoology, Annamalai University, Annamalai Nagar.608 002. Tamil Nadu, India.	2019	Research Collaboration	Research Publication	09.08.2018	
0010	Department of Computer Science The Gandigram Rural Institute Deemed University Gandhigram Dindigul, Tamil Nadu, India	2019		Research	Research	15 05 0010
2019	Department of Computer Science The Gandigram Rural Institute Deemed University Gandhigram Dindigul, Tamil Nadu, India		Collaboration	Publication	15.05.2019	

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2019	Department of Computer Science, Jamal Mohamed College, Trichy, India	2019	Research Collaboration	Research Publication	21.11.2019
2019	Department of Computer Science The Gandigram Rural Institute Deemed University Gandhigram Dindigul, Tamil Nadu, India	2019	Research Collaboration	Research Publication	10.04.2020
2019	PG and Research Depatment of Zoology and wild life Biology, A.V.C College (Autonomouss), 609 305, Mayiladuthurai	2019	Research Collaboration	Research Publication	22.02.2019
	Department of Zoology, Thiru Vi ka Arts College, Thiruvarur, Tamilnadu				
2019	Center Advanced Study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai, 608 502	2019	Research Collaboration	Research Publication	01.07.2019
	Department of Zoology, Government Arts College, Kumbakonam				
2019	Mandapam Regional Centre, ICAR - Central Marine Fisheries Research Institute, Mandapam, Tamil Nadu, India	2019	Research Collaboration	Research Publication	31.07.2019

	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia				
2019	Department of Zoology, Scott Christian College, Nagercoil 629 003, Tamil Nadu, India	2019	Research Collaboration	Research Publication	29.07.2019
	201	8-2019			
2018	Department of Mathematics, South China University of Technology, Guangzhou 510640, China Department of Physics, United Arab Emirates University, P.O.Box.15551, Al-Alin, United Arab Emirates	2018	Research Publication	Research Collaboration	24.11.2017
2018	Department of Physics, VMKV Engineering College, Salem 636308, India	2018	Research Publication	Research Collaboration	06.04.2018
2018	Department of Physics, VMKV Engineering College, Salem 636308, India Department of Physics, Presidency College (Autonomous), Chennai 600005, Department of Physics, Jerusalem College of Engineering, Chennai 600 100	2018	Research Publication	Research Collaboration	03.01.2018
2018	PG & Rescarch Department of Chemistry, Government Arts Collegc (Autonomous), Kumbakonam, Tami Inadu-612 002, India.	2018	Research Publication	Research Collaboration	02.12.2018

2018	Department of Computer Science The Gandigram Rural Institute Deemed University Gandhigram Dindigul, Tamil Nadu, India	2018	Research Collaboration	Research Publication	19.02.2018
2018	Department of Computer Science, Jamal Mohamed College, Trichy, India	2018	Research Collaboration	Research Publication	30.09.2018
2018	Department of Economics, Annamalai University, Annamalai Nagar, Chidambaram, 608 002, India	2018	Research Collaboration	Research Publication	19.08.2018
2018	Department of Economics, Government Arts College for Women, Salem,	2018	Research Collaboration	Research Publication	05.09.2018
2018	PG and Research Depatment of Zoology and wild life Biology, A.V.C College (Autonomouss), 609 305, Mauiladuthurai	2018	Research Collaboration	Research Publication	09.08.2018
2018	Department of Mathematics, G. D. Vaishnav College (Autonomous), Chennai, India	2018	Research Collaboration	Research Publication	10.11.2018



8.5

Government College for Women (Autonomous) KUMBAKONAM,