

Sl. No .	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration	Duration (Years)		Funding Source	Link
1	Microbial consortium based biofertilizer for increased Ramie Fiber yield	M/S KIIT Technology Business Incubator and BIRAC ; Address: Campus 11, KIIT University, Bhubaneswar, Odisha 751024. Phone: 0674 272 5466	Dr. Shaon Ray Chaudhuri	2017	2.5	Research work MOU for technology incubation	BIRAC, BIG	Documentary evidence of MOU letter is Attached (Page 30)
2	Bioresources and sustainable livelihood in Northeast India	Balipara Foundation Assam, Nagaland University, IBSD Manipur, Mizoram University, NEHU	Prof. B.K. Datta	2018	3	Research Collaboration (Joint Project Grant)	DBT, Govt. of India	Documentary evidence of collaboration Project Sanction letter is Attached (Page 31)
3	Genome characterization of Banana genetic resource of NE region	Utkal University, Bhubaneswar	Prof. Rk Sinha	2018	3	Research Collaboration (Joint Project Grant)	DBT, Govt. of India	Documentary evidence of collaboration Project Sanction letter is Attached (Page 32)
4	Unique supramolecular assembly through	Mehta N. Physics Department, Institute of Science,	Hussain S.A., Dey B.,	2017-2018	1	JOINT RESE ARCH	Department of Science and Technology,	https://www.scopus.com/inward/record.uri?e

	Langmuir – Blodgett (LB) technique	Banaras Hindu University, Varanasi, 221005, India Worked with Hussain S.A., Dey B., Bhattacharjee D.	Bhattacharjee D.			PUBLICATION	Ministry of Science and Technology, India, डीएसटी: EMR/2014/000 234, SR/FST/P SI-191/2014 University Grants Committee, UGC University Grants Commission- Nepal, UGC Department of Science and Technology, Government of Rajasthan, DST	id=2-s2.0-85058475763&doi=10.1016%2Fj.heliyon.2018.e01038&partnerID=40&md5=cf83091c6e7c9efe5dfb5de21575aff5
5	Fuzzy δ -I-continuity in mixed fuzzy ideal topological spaces	Ray, G.C., Department of Mathematics, Central Institute of Technology, Kokrajhar, Assam 783370, India Worked with Tripathy, B.C	Tripathy, B.C	2017-2018	1	JOINT RESEARCH PUBLICATION	--	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057294804&doi=10.1515%2Fjaa-2018-0022&partnerID=40&md5=51f6b8a553

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6	Preparation of Lauroyl Grafted Alginate-Psyllium Husk Gel Composite Film with Enhanced Physicochemical, Mechanical and Antimicrobial Properties	Fernandes C., Bhatt S. Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, SVKM'S NMIMS, Mumbai, 400056, India worked with Acharya P.C.	Acharya P.C.	2018	NA	JOINT RESEARCH PUBLICATION	---	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056932593&doi=10.1038%2fs41598-018-35632-9&partnerID=40&md5=26f0900e6ff456a9ab5866b6a28cb20e
7	Regular matrix transformation on triple sequence spaces-i	Das, B.C., Government Degree College, Department of Mathematics, Dhalai, Kamalpur, Tripura 799285, India worked with Debnath, S.,	Debnath, S.,	2017-2018	1	JOINT RESEARCH PUBLICATION	-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055046120&doi=10.24193%2fmathcluj.2018.2.04&partnerID=40&md5=88e87e3fac03e7015f6c1ee499799270
8	A review of biotechnology processes applied for manganese recovery from wastes	Mohanty S., Ghosh S. Bioengineering and Biomineral Processing Laboratory, Centre of Biotechnology, Siksha	Bal B., Das A.P.	2017-2018	1	JOINT RESEARCH PUBLICATION	BT/PR7454/BC E/8/949/2012 07/46SSAG/CAT	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054317031

		O Anusandhan Deemed to be University, Bhubaneswar, India worked with Bal B., Das A.P.				CATION	Department of Science and Technology, Government of Kerala: SP/YO/031/2016	https://doi.org/10.1007/s11157-018-9482-1 &partnerID=40&md5=486866193a96c2072ffcf516f16c9c35
9	Singular value based characterization and analysis of thermal patches for early breast abnormality detection	Gogoi U.R., Bhowmik M.K., Ghosh A.K. Department of Computer Science & Engineering, worked with Bhattacharjee D.	Bhattacharjee D.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Government of Kerala: IF150970 Department of Biotechnology, Government of West Bengal, DBT-WB	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053408004&doi=10.1007/s13246-018-0681-4 &partnerID=40&md5=159cfd72fee63cefbf3e6cf72d4b2c06
10	Metagenomic insights into the microbial diversity in manganese-contaminated mine tailings and their role in biogeochemical cycling of manganese	Ghosh S. Bioengineering and Bio Mineral Processing Laboratory, Centre for Biotechnology, Siksha 'o' Anusandhan University, Bhubaneswar, Odisha, India worked with Das A.P.	Das A.P.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047876180&doi=10.1038/s41598-018-26311-w &partnerID=40&md5=c34a499e812cfbce

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11	Free tryptophan residues inhibit quorum sensing of <i>Pseudomonas aeruginosa</i> : a potential approach to inhibit the development of microbial biofilm	Kumari M., Centre for Computational Biology and Bioinformatics, Central University of Himachal Pradesh, Shahpur, Kangra, 176206, Himachal Pradesh, India Chatterjee A., Bhattacharyya D., Mitra G. Department of Biotechnology, Neotia Institute of Technology, Management and Science (NITMAS), Sarisha, 743368, West Bengal, India Akhter Y., Department of Biotechnology, Babasaheb Bhimrao Ambedkar University, Vidya Vihar, Raebareli Road, Lucknow, 226025, Uttar Pradesh, India worked with Daware A.V., Bhattacharjee S.,	Daware A.V., Bhattacharjee S.,	2017-2018	1	JOINT RESEARCH PUBLICATION	-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050525362&doi=10.1007%2fs00203-018-1557-4&partnerID=40&md5=fd0b2bd5b0ce87513b51ded0d9b7e096
12	A compact printed UWB MIMO	Banerjee J.,	Karmakar A.	2017-2018	1	JOINT RESE	-	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050525362&doi=10.1007%2fs00203-018-1557-4&partnerID=40&md5=fd0b2bd5b0ce87513b51ded0d9b7e096

	monopole antenna with modified complementary fractal for isolation improvement and triple band notch characteristics	Deptment of ECE, Adamas University, Kolkata, India Department of ECE, National Institute of Technology, Durgapur, West Bengal, India Worked with Karmakar A.				ARCH PUBLICATION		rd/record.uri?eid=2-s2.0-85059854778&doi=10.1109%2fWOCN.2018.8556127&partnerID=40&md5=150a1b2c9a6b8203b2a94e2fc3f33d9f
13	Estimation of Architectural Distortion in Mammograms using Fractal Features	Roy A., Department of Life Sciences, New York Institute of Technology, New York, 10023, NY, United States Worked with Bhowmik M.K., Gogoi U.R., Nath N.	Bhowmik M.K., Gogoi U.R., Nath N.	2017-2018	1	JOINT RESEARCH ARCH PUBLICATION	Department of Biotechnology, Ministry of Science and Technology, India, DBT Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी: IF150970 Department of Biotechnology, Ministry of Science and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058451130&doi=10.1109%2fNSSMIC.2017.8533040&partnerID=40&md5=5a7c8f9e31a024d30c63bf7514c72f52

							Technology, India, DBT	
14	Modulation of <i>S. aureus</i> and <i>P. aeruginosa</i> biofilm: an in vitro study with new coumarin derivatives	Sandhu P., Akhter Y., Centre for Computational Biology and Bioinformatics, School of Life Sciences, Central University of Himachal Pradesh, Shahpur District-Kangra, 176206, Himachal Pradesh, India Worked with Das T., Bhowmik S., Das M.C., Das A., Bhattacharjee S., De U.C.	Das T., Bhowmik S., Das M.C., Das A., Bhattacharjee S., De U.C.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056091754&doi=10.1007%2fs11274-018-2545-1&partnerID=40&md5=fd534f5c8359301a966e526af5bb30a1
15	An ultra-wideband diversity antenna with novel fractal neutralization line for isolation improvement and dual band rejection attributes	Banerjee J., Dept. of ECE, Adamas University, Kolkata, India Ghatak R., Department of ECE, National Institute of Technology, Durgapur, West Bengal, India Worked with Karmakar A.,	Karmakar A.,	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074782588&doi=10.1109%2fIMaRC.2018.8877375&partnerID=40&md5=d785934dafdeac4505ee4381fc2e888

16	3,6-Di(pyridin-2-yl)-1,2,4,5-tetrazine (pytz)-capped silver nanoparticles (TzAgNPs) inhibit biofilm formation of <i>Pseudomonas aeruginosa</i> : a potential approach toward breaking the wall of biofilm through reactive oxygen species (ROS) generation	Chakraborty P., Tribedi P., Department of Biotechnology, The Neotia University, Sarisha, 743368, West Bengal, India Joardar S., Department of Biotechnology, Neotia Institute of Technology, Management and Science (NITMAS), Sarisha, 743368, West Bengal, India Ray S., Biswas P. Department of Chemistry, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, 711103, India Worked with Maiti D.	Maiti D.	2017-2018	NA	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047905332&doi=10.1007%2fs12223-018-0620-5&partnerID=40&md5=555e50d5295e518ea41cd95f4a0170d5
17	<i>Ichnocarpus frutescens</i> (L.) R. Br. root derived phyto-steroids defends inflammation and algesia by pulling down the pro-inflammatory and nociceptive pain mediators: An in-vitro and in-vivo appraisal	Das N.,Bhattacharya A., Department of Chemistry, Netaji Subhas Mahavidyalaya, Gomati Tripura, Udaipur, 799 114, India Kumar Mandal S., B. C. Roy College of Pharmacy & Allied Health Sciences, Durgapur, 713206, India	Dinda B.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी Science and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053811763&doi=10.1016%2fj.steroids.2018.09.005&partnerID=40&md5=84a203fa

		<p>Debnath U., Division of Molecular Medicine, Bose Institute, Kolkata, 700054, India Mandal S.C., Pharmacognosy and Phytotherapy Research Laboratory, Division of Pharmacognosy, Department of Pharmaceutical Technology, Jadavpur University, Kolkata, 700032, India</p> <p>Kumar Sinhamahapatra P., Division of Pharmaceutical Chemistry, Institute of Pharmacy and Technology, Salipur, Cuttack, 754202, Odisha, India Kumar A., Dutta Choudhury M., Department of Life Science and Bioinformatics, Biotech Hub, Assam University, Silchar, 788011, Assam, India Maiti S.,</p>					<p>Engineering Research Board, SERB: DBT/JRF/BET- 16/I/2016/AL/9 0- 466, SB/FT/LS- 269/2012</p>	<p>988b297c57f4 ea0e9dcd1d69</p>
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18	Quality Enhancement of Foggy Images Comprising of Large Sky Region on SAMEER TU Dataset	<p>Pal T., Department of Computer Science and Engineering, National Institute of Technology, Agartala, India Worked with Bhowmik M.K.</p>	Bhowmik M.K.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056875452&doi=10.1109%2fICCNC.2018.8493832&partnerID=40&md5=da61091c026a3546616cf14ee7c7b788
19	Fabrication of One Dimensional MnO ₂ -	Sarkar A., Paul B.,	Khan G.G.	2017-2018	1	JOINT RESE	Ministry of Human	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056875452&doi=10.1109%2fICCNC.2018.8493832&partnerID=40&md5=da61091c026a3546616cf14ee7c7b788

	TiO ₂ Nano-Heterostructures for Enhanced Hole Mediated Oxidation of As(III) in Potable Water	Department of Environmental Science and Engineering, Indian Institute of Technology (Indian School of Mines) Dhanbad, Jharkhand, 826 004, India Sarkar A., Centre for Research in Nanoscience and Nanotechnology, University of Calcutta Salt Lake, Sector-III, Block -JD2, Kolkata, 700 106, India Worked with Khan G.G.				ARCH PUBLICATION	Resource Development, MHRD Department of Science and Technology, Government of Kerala Illinois State Museum, ISM North-Eastern Hill University, NEHU	rd/record.uri?eid=2-s2.0-85053053462&doi=10.1002%2fctc.20180915&partnerID=40&md5=61625db888d689dceb2e22dc5926075
20	An efficient strategy for N-alkylation of benzimidazoles/imidazoles in SDS-aqueous basic medium and N-alkylation induced ring opening of benzimidazoles	Debnath S., Ghosh T., Maiti D.K., Department of Chemistry, University of Calcutta, 92, A. P. C. Road, Kolkata, 700 009, India Worked with Chakraborty A., Majumdar S.	Chakraborty A., Majumdar S.,	2017-2018	1	JOINT RESEARCH ARCH PUBLICATION	Construction Industry Council, CIC	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053205816&doi=10.1016%2fj.tet.2018.08.029&partnerID=40&md5=dbc12893c642ddf55630910d5bfe7e27
21	A Wideband Vivaldi Antenna with Fractal Dielectric Lens for Imaging Applications	Saha A., Netaji Subhash Engineering College,	Karmakar A., Bhattacharjee A., Bhawal A.	2017-2018	1	JOINT RESEARCH ARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053205816&doi=10.1016%2fj.tet.2018.08.029&partnerID=40&md5=dbc12893c642ddf55630910d5bfe7e27

		Department of AEIE, Kolkata, India Worked with Karmakar A., Bhattacharjee A., Bhawal A.				CATIO N		id=2-s2.0-85084138426&doi=10.1109%2f12CT42659.2018.9057807&partnerID=40&md5=65d06e5527bf90b6f0928f6ea306a82a
22	Application of bioengineering in revamping human health	Ghosh S.,Kumar M.S., Bioengineering Laboratory, Centre for Biotechnology, Siksha O Anusandhan (Deemed to Be University), Bhubaneswar, India Worked with Bal B., Das A.P.	Bal B., Das A.P.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078234905&doi=10.1007%2f978-981-10-8693-9_2&partnerID=40&md5=181a8e28018a6a95cf6d94530217a2c2
23	On I-statistical convergence	Rakshit D., Department of FST, ICFAI University, West Tripura,, Kamalghat, 799210, Tripura, India Worked with Debnath S.	Debnath S.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Council for Scientific and Industrial Research, CSIR : 25(0236)/14/E MR-II	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057132624&partnerID=40&md5=c14444048f90f77f66

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24	Bank material characteristics and its impact on river bank erosion, West Tripura district, Tripura, North-East India	Das C., Department of Civil Engineering, Indian Institute of Engineering Science and Technology, Shibpur, Haora, 711 103, India Worked with Bhowmik M., Das (Pan) N., Ahmed I., Debnath J.	Bhowmik M., Das (Pan) N., Ahmed I., Debnath J.	2017-2018	1	JOINT RESEARCH PUBLICATION	Science and Engineering Research Board, SERB Department of Science and Technology, Government of Kerala	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055733625&doi=10.18520%2fcs%2fv115%2fi8%2f1571-1576&partnerID=40&md5=38b8dea7baa54f1b89605ee8158b17ce
25	Synthesis of poly(methyl methacrylate) via ARGET ATRP and study of the effect of solvents and temperatures on its polymerization kinetics	Dhar A., Haloi D.J., Department of Chemistry, Bodoland University, Kokrajhar, India Worked with Koiry B.P.	Koiry B.P.	2017-2018	1	JOINT RESEARCH PUBLICATION	Science and Engineering Research Board, SERB: ECR/2015/000075	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052244616&doi=10.1002%2fkin.21210&partnerID=40&md5=4f066b15c7227e50e575bcb4119460a7

26	Degradation of fibrin- β amyloid co-aggregate: A novel function attributed to ubiquitin	Bhattacharjee P., Bhattacharyya D., De D., Division of Structural Biology and Bioinformatics, CSIR - Indian Institute of Chemical Biology, 4, Raja S. C. Mallick Road, Jadavpur, Kolkata, 700032, India Worked with Bhattacharyya D.	Bhattacharyya D.	2017-2018	NA	JOINT RESEARCH PUBLICATION	Council of Scientific and Industrial Research, CSIR : miND BSC0115 Department of Science and Technology, DOST: SR/CSI/07/2009(G)	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050890755&doi=10.1016%2Fj.bbamcr.2018.07.012&partnerID=40&md5=f25921032686d87545b9d6dbe30ede09
27	Modulation of cytokine expression by dietary levan in the pathogen aggravated rohu, <i>Labeo rohita</i> fingerlings	Gupta S.K., Sarkar B., Naskar S., ICAR-Indian Institute of Agricultural Biotechnology, Namkum, Ranchi, 834010, India Kumar N., ICAR-National Institute of Abiotic Stress Management, Baramati, Pune, 413115, India Uppuluri K.B., Bioprospecting Laboratory, School of Chemical and	Bhattacharjee S.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048563713&doi=10.1016%2Fj.aquaculture.2018.06.025&partnerID=40&md5=9b9799246b342df23ecac264bd888865

		Biotechnology, SASTRA Deemed University, Thanjavur, 613 401, India Workwd with Bhattacharjee S.						
28	Photophysical study of the interaction between ZnO nanoparticles and globular protein bovine serum albumin in solution and in a layer-by-layer self- assembled film	Hansda C., Maiti P., Singha T., Paul P.K. Department of Physics, Jadavpur University, Jadavpur, Kolkata, 700032, India Pal M., Sarojini Naidu College for Women, Dum-Dum, Kolkata, 700028, India Maiti P., Paul S., West Bengal State Council of Science and Technology, Vigyan Chetana Bhavan, Sector-I, Salt Lake, Kolkata, 700064, India Hansda C., Department of Physics, The University of Burdwan, Golapbaag, Burdwan, 713104, India Worked with Hussain S.A.	Hussain S.A.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	493/WBSCST/ F/0545/15 Science and Engineering Research Board, SERB: EMR/2014/000 234, SB/EMEQ -142/2014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047341344&doi=10.1016%2fj.jpccs.2018.05.029&partnerID=40&md5=a5f5e8c75893b0e22f3a0cd448d8c95f

29	Agile teams as complex adaptive systems (CAS)	Srinivasan B.N., School of Business, Galgotias University, Greater Noida, Uttar Pradesh, India Worked with Mukherjee D.	Mukherjee D.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072018846&doi=10.1007%2fs41870-018-0122-3&partnerID=40&md5=319ef943b673de3d8f3a25d8caea3d91
30	Micellar effect of surfactant on the aggregation pattern of a fluorescent dye in ultra-thin film	Debnath C., Department of Physics, MBB College, Agartala, 799004, Tripura, India Worked with Debnath C.,Saha M.,Hussain S.A.,Bhattacharjee D.	Debnath C.,Saha M.,Hussain S.A.,Bhattacharjee D.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Council of Scientific and Industrial Research, India, CSIR: 03(1146)/09/EMR-II, SE/FTP/PS-54/2007, SR/WOS-A/PM-1034/2014 University Grants Committee, UG C: F.5-378/2014-15/MRP/NERO	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049634891&doi=10.1016%2fj.jphotochem.2018.07.005&partnerID=40&md5=1a7b1aed457fcd7453003ea49c1745c4

							/2235 Department of Science and Technology, Government of West Bengal, DST	
31	Study of aerosol types and seasonal sources using wavelength dependent Ångström exponent over North-East India: Ground-based measurement and satellite remote sensing	Gogoi M.M., Babu S.S., Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram, 695022, India Worked with Dhar P., Banik T., De B.K., Guha A.	Dhar P., Banik T., De B.K., Guha A.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and Technology, India, DST: Ref.SR/FST/PS I-191/2014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049487106&doi=10.1016/j.asr.2018.06.017&partnerID=40&md5=bdcae4c679a1c6998f96be4c0745b828
32	Experimental and computational studies on a new mixed ligand oxido-rhenium(V) compound	Naskar J.P., Department of Chemistry, Inorganic Chemistry Section, Jadavpur University, Kolkata, India Ganguly R., Division of Chemistry & Biological Chemistry, Nanyang Technological	Saha P., Majumder S., Saha B., Bhattacharya A., Chowdhury S.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and Technology, India, DST: SB/EMEQ-029/2013, SR/FT/CS-75/2010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046403223&doi=10.1002/jccs.201800333&partnerID=40&md5=68b9393bf553c

		<p>University, Singapore, Singapore</p> <p>Chowdhury S., Department of Chemistry, University of GourBanga, Malda, India Worked with Saha P., Majumder S., Saha B., Bhattacharya A., Chowdhury S.</p>					<p>University Grants Committee, UG C</p> <p>Science and Engineering Research Board, SERB</p> <p>Department of Science and Technology, Government of Kerala: SB/EMEQ-029/2013SR/FT/Cs-75/2010</p>	<p>6556b97e8a308249007</p>
33	<p>Synthesis, structural features, antibacterial behaviour and theoretical investigation of two new manganese(III) Schiff base complexes</p>	<p>Roy S., Department of Chemistry, IISER Bhopal, Bhopal Bypass Road, Bhauri, Bhopal, 462066, M.P., India</p> <p>Male L., School of Chemistry, University of Birmingham, Edgbaston, Birmingham, B15 2TT, United Kingdom</p> <p>Mckee V.,</p>	<p>Paul P., Bhowmik K.R.N., Deb D., Das N., Bhattacharjee M., Dutta Purkayastha R.N., Maiti D.</p>	<p>2017-2018</p>	<p>1</p>	<p>JOINT RESEARCH PUBLICATION</p>	<p>CSD2010-00065</p> <p>SR/FST/CSI-263/2015</p> <p>Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी</p> <p>Science and</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048579539&doi=10.1016%2Fj.poly.2018.05.043&partnerID=40&md5=301678606badc6376f4b8ba4a929200e</p>

		<p>School of Chemical Sciences, Dublin City University, Glasnevin, Dublin 9, Ireland</p> <p>Pallepogu R., Department of Chemistry, Dr. Harisingh Gour University, Sagar, 470003, Madhya Pradesh, India</p> <p>Bauza A.,Fontera A., Departament de Química, Universitat de les Illes Balears, Crta. deValldemossa km 7.5, Palma de Mallorca (Balears), 07122, Spain</p> <p>Kirillov A.M., Centro de Química Estrutural, Instituto Superior Técnico, Universidade de Lisboa, Av. Rovisco Pais, Lisbon, 1049-001, Portugal</p> <p>Worked with Paul P., Bhowmik K.R.N., Deb D.,Das N., Bhattacharjee M., Dutta Purkayastha R.N., Maiti D.</p>				<p>Engineering Research Board, SERB</p> <p>Fundação para a Ciência e a Tecnologia, FC T: LISBOA-01-0145-FEDER-029697, UID/Q UI/00100/2013</p>	
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34	A Ground Truth Annotated Video Dataset for Moving Object Detection in Degraded Atmospheric Outdoor Scenes	Oakley J., School of Electrical and Electronic Engineering, University of Manchester, Manchester, M60 1QD, United Kingdom Worked with Dev Roy S.,Kanti Bhowmik M.	Dev Roy S.,Kanti Bhowmik M.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062922743&doi=10.1109%2fICIP.2018.8451572&partnerID=40&md5=5f441da521857d2959c158f644780438
35	Nucleus region segmentation towards cervical cancer screening using AGMC-TU Pap-smear dataset	Nath N., Department of Life Sciences, New York Institute of Technology, 1855 Broadway, New York, 10023, NY, United States Datta A., Department of Pathology, Agartala Government Medical College, Agartala, Tripura (W), 799006, India worked with Bhowmik M.K., Roy S.D.	Bhowmik M.K., Roy S.D.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056742808&doi=10.1145%2f3243250.3243258&partnerID=40&md5=d946eb99bf23fc6860ce490a25d381c
36	Facial component-based blended facial expressions generation from static neutral face images	Bhattacharjee D.,Nasipuri M., Department of Computer Science and Engineering, Jadavpur	Saha P., De B.K.	2017- 2018	1	JOINT RESE ARCH PUBLI	IF131067 Department of Science and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

		University, Kolkata, 700032, West Bengal, India Worked with Saha P., De B.K.				CATIO N	Technology, Government of Kerala	85035769565 &doi=10.1007 %2fs11042- 017-5436- 9&partnerID= 40&md5=3ddf 83ce5b405619 e11544c0efc2e d85
37	Friedelane, isolated from <i>Pouzolzia indica</i> Gaud. exhibits toxic effect against melanoma	Sarkar S., Wilson's School, Mollison Drive, Wallington, SM6 9JW, United Kingdom Sil Sarma I., Tripura State Forensic Science Laboratory, Narasingarh, Agartala, 799 015, India Worked with Maiti D., Singha A.K., Sarkar C., Manna K., Dinda B.	Maiti D., Singha A.K., Sarkar C., Manna K., Dinda B.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Department of Biotechnology, Ministry of Science and Technology, India, DBT Indian Council of Medical Research, ICM R	https://www.sc opus.com/inwa rd/record.uri?e id=2-s2.0- 85044481508 &doi=10.1007 %2fs10616- 017-0174- 4&partnerID= 40&md5=66ae 4baf3c9dc64c 49ffd9d27f2e7 9b5
38	Energy budget and carbon footprint in a no-till and mulch based rice–mustard cropping system	Yadav G.S, Saha P., ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra, 799 210, Tripura, India Yadav G.S., Lal R., Meena R.S.,	Datta M.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Indian Council of Agricultural Research, ICA R	https://www.sc opus.com/inwa rd/record.uri?e id=2-s2.0- 85047494968 &doi=10.1016 %2fj.jclepro.2 018.04.173&p artnerID=40&

		<p>Carbon Management and Sequestration Centre, The Ohio State University, Columbus, 43210, Ohio, United States</p> <p>Das A., Babu S., ICAR Research Complex for NEH Region, Umiam, 793 103, Meghalaya, India</p> <p>Meena R.S., Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, 221005, Uttar Pradesh, India</p> <p>Singh R., ICAR Research Complex for NEH Region, Sikkim Centre, Tadong, 737102, Sikkim, India Worked with Datta M.</p>						md5=106f4da9df75092e9769740d6632c389
39	<p>Conservation tillage and mulching effects on the adaptive capacity of direct-seeded upland rice (<i>Oryza sativa</i> L.) to alleviate weed and moisture stresses in the</p>	<p>Yadav G.S., Tripura Centre, ICAR Research Complex for NEH Region, Tripura, India</p>	<p>M. Datta</p>	<p>2017-2018</p>	<p>1</p>	<p>JOINT RESEARCH PUBLICATION</p>	<p>Indian Council of Agricultural Research Indian Council of Agricultural</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504100840&doi=10.1080/001375092e9769740d6632c389</p>

	North Eastern Himalayan Region of India	Yadav G.S., Lal R., Meena R.S., Patil S.B., Saha P., Carbon Management and Sequestration Centre, Ohio State University, Columbus, OH, United States Das A., Babu S., ICAR Research Complex for NEH Region, Meghalaya, India Worked with Datta M.					Research, ICAR	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082379778&doi=10.1016%2fB978-0-12-814423-7.00001-0&partnerID=40&md5=d521f939452df58a7bb09ce5c7a1ad82
40	Preformulation in Drug Research and Pharmaceutical Product Development	Shetty S., Fernandes C., Suares D., Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, SVKM's NMIMS, Mumbai, Maharashtra, India Maheshwari R., Tekade R.K., National Institute of Pharmaceutical Education and Research (NIPER)-Ahmedabad, Gandhinagar, Gujarat, India Tekade R.K.,	Acharya P.C.,	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी: #ECR/2016/001964, FRGS/1/2015/TK05/IMU/03/1, PDF/2016/003329 Council of Scientific and Industrial Research, India, CSIR:	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082379778&doi=10.1016%2fB978-0-12-814423-7.00001-0&partnerID=40&md5=ee018dacdde3c1dcab4ba09e5f45dd5

		Department of Pharmaceutical Technology, School of Pharmacy, International Medical University, Kuala Lumpur, Malaysia Worked with Acharya P.C.					02(0329)/17/EMR University Grants Committee, UG C: F.30–376/2017 (BSR) Science and Engineering Research Board, SERB Ministry of Higher Education, Malaysia, MOHE	
41	Solubility and Solubilization Approaches in Pharmaceutical Product Development	Fernandes C., Soares D., Shetty S., Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, SVKM's NMIMS, Mumbai, Maharashtra, India Tekade R.K., National Institute of Pharmaceutical	Acharya P.C.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी: PDF/2016/003329 Science and Engineering	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082378899&doi=10.1016/j.2fB978-0-12-814423-7.00015-0&partnerID=40&md5=42495f0eb1c5373

		<p>Education and Research (NIPER)-Ahmedabad, Gandhinagar, Gujarat, India</p> <p>Tekade R.K., Department of Pharmaceutical Technology, School of Pharmacy, International Medical University, Kuala Lumpur, Malaysia Worked with Acharya P.C.</p>					<p>Research Board, SERB</p> <p>Science and Engineering Research Board, SERB</p> <p>Council of Scientific and Industrial Research, India, CSIR: 02(0329)/17/E MR</p> <p>University Grants Committee, UG C: F.30-376/2017 (BSR)</p> <p>Ministry of Higher Education, Malaysia, MOHE</p>	df988317f8de8d068
42	Role of Salt Selection in Drug Discovery and Development	Vora A., Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management, SVKM's	Acharya P.C., Marwein S., Ghosh R., Mishra B.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082378438

		<p>NMIMS, Mumbai, Maharashtra, India</p> <p>Tekade R.K., National Institute of Pharmaceutical Education and Research (NIPER)-Ahmedabad, Gandhinagar, Gujarat, India</p> <p>Tekade R.K., Department of Pharmaceutical Technology, School of Pharmacy, International Medical University, Kuala Lumpur, Malaysia Worked with Acharya P.C., Marwein S., Ghosh R., Mishra B.</p>					<p>Technology, India, डीएसटी: #ECR/2016/001964, FRGS/1/2015/TK05/IMU/03/1, PDF/2016/003329</p> <p>Science and Engineering Research Board, SERB</p> <p>Ministry of Higher Education, Malaysia, MOHE</p>	<p>https://doi.org/10.1016/j.ijph.2016.07.001</p>
43	Rheology and Its Implications on Performance of Liquid Dosage Forms	<p>Suares D., Shetty S., Fernandes C., Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, SVKM's NMIMS, Mumbai, Maharashtra, India</p> <p>Tekade R.K., National Institute of Pharmaceutical Education and Research</p>	Acharya P.C.	2017-2018	1	JOINT RESEARCH PUBLICATION	<p>Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी: #ECR/2016/001964, FRGS/1/2015/TK05/IMU/03/1, PDF/2016/003329</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082378201&doi=10.1016/j.ijph.2016.07.001&partnerID=40&md5=e88e028d127213b8</p>

		(NIPER)-Ahmedabad, Gandhinagar, Gujarat, India Tekade R.K., Department of Pharmaceutical Technology, School of Pharmacy, International Medical University, Kuala Lumpur, Malaysi Worked with Acharya P.C.					Science and Engineering Research Board, SERB Ministry of Higher Education, Malaysia, MOH E	0f7add29d1c4 cead
44	Physiologic Factors Related to Drug Absorption	Fernandes C., Shobhaben Pratapbhai Patel School of Pharmacy and Technology Management, SVKM's NMIMS, Mumbai, Maharashtra, India Tekade R.K., National Institute of Pharmaceutical Education and Research (NIPER)-Ahmedabad, Gandhinagar, Gujarat, India Tekade R.K., Department of Pharmaceutical Technology, School of Pharmacy, International Medical University,	Acharya P.C., Mallik S., Mishra B.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी: #ECR/2016/001 964, PDF/2016/ 003329 University Grants Committee, UG C: F.30- 376/2017 (BSR) Science and Engineering Research	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082377190&doi=10.1016%2fB978-0-12-814423-7.00004-6&partnerID=40&md5=090acf106572de0278f909ad4bba74f4

		Kuala Lumpur, Malaysia Worked with Acharya P.C., Mallik S., Mishra B.					Board, SERB Ministry of Higher Education, Malaysia, MOHE	
45	Detection of inflammation from temperature profile using arthritis knee joint datasets	Nath N., Department of Life Sciences, New York Institute of Technology (NYIT), New York, 10023, NY, United States Worked with Majumdar P., Das K., Bhowmik M.K.	Majumdar P., Das K., Bhowmik M.K.	2017-2018	1	JOINT RESEARCH PUBLICATION	Indian Council of Medical Research, ICMR: 5/7/1516/2016-RCH, 20/06/2017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051110983&doi=10.1109/2fjchi.2018.00077&partnerID=40&md5=a0cab0000afd530f22c4b3fbde2b8f3b
46	Mixed-ligand complexes of zinc(II) with 1,1-dicyanoethylene-2,2-dithiolate and N-donor ligands: A combined experimental and theoretical study	Adhikari S., Department of Chemistry, Govt. Degree College, Dharmanagar, Tripura (N), India Laskar F., Advanced Level Institutional Biotech Hub, Karimganj College, Karimganj, Assam, India Acharya S.,	Singh M.K., Sutradhar S., Paul B.	2017-2018	1	JOINT RESEARCH PUBLICATION	Science and Engineering Research Board, SERB: SB/EMEQ - 014/2013, SERB/F/5537/2013-14 University Grants Commission-Nepal, UGC: F.5-333/2015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046014619&doi=10.1016/2fj.molstruc.2018.03.073&partnerID=40&md5=ebe9d9942f07f6cf11afdec4004ee066

		<p>Department of Botany, R. K. Mahavidyalaya, Unakoti Tripura, Kailashahar, Tripura, India</p> <p>Chakraborty D., Biswas S., Das A., Department of Chemistry, Ramthakur College, Agartala, Tripura (W), India</p> <p>Roy S., Department of Chemistry, National Institute of Technology (NIT) Agartala, 799046, Tripura, India</p> <p>Frontera A., Departament de Química, Universitat de Les Illes Balears, Crta. de Valldemossa km 7.5, Palma de Mallorca, 07122, Balears, Spain Worked with Singh M.K., Sutradhar S., Paul B.</p>					16/MRP/NERO /1074	
47	A compact planar UWB MIMO diversity antenna with Hilbert fractal neutralization line for isolation improvement and dual	Banerjee J., Department of ECE, SOET, Adamas University, Kolkata, India	Karmakar A.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050943961&doi=10.1109

	band notch characteristic	Ghatak R., Department of ECE, National Institute of Technology, Durgapur, West Bengal, India Worked with Karmakar A.						%2fEDCT.2018.8405070&partnerID=40&md5=4d257c353357df59bfa834c7111a93e3
48	Design of a fractal based wideband antipodal vivaldi antenna with improved radiation characteristics for biomedical applications	Saha A., Bhawal A., Department of Applied Electronics and Instrumentation Engineering, Netaji Subhash Engineering College, Kolkata, India Worked with Karmakar A., Bhattacharjee A.	Karmakar A., Bhattacharjee A.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067131563&doi=10.1109/2fICRCICN.2018.8718737&partnerID=40&md5=162229ee19a75f9cc06a557de5db2a75
49	Block Synchronization for Diffusion-based Molecular Communication Systems	Mukherjee M., Lv Y. Guangdong Provincial Key Lab of Petrochemical Equipment Fault Diagnosis, Guangdong University of Petrochemical Technology, China Yilmaz H.B., Department of Network Engineering,	Bhowmik B.B.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066014786&doi=10.1109/2fANTS.2018.8710099&partnerID=40&md5=403bccf43

		Polytechnic University of Catalonia, Barcelona, 08034, Spain Worked with Bhowmik B.B.						e7a24304c02cd0c1e 61d08b
50	Ionospheric variations over Chinese EIA region using foF 2 and comparison with IRI-2016 model	Rao S.S., Pandey R. Department of Physics, MLS University, Udaipur, 313001, India Worked with Chakraborty M.	Chakraborty M.	2017-2018	1	JOINT RESEARCH PUBLICATION	Council of Scientific and Industrial Research, India, CSIR: 954)/13/EMR-II Bangladesh Council of Scientific and Industrial Research, BCSIR	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046143318&doi=10.1016%2fj.asr.2018.04.009&partnerID=40&md5=b6c62aeac96d55373946993fbd37703d
51	Improving variable neighborhood search to solve the traveling salesman problem	Chatterjee A., Department of Statistics, University of Calcutta, India Dewanji A., Applied Statistics Unit, Indian Statistical Institute, India Worked with Hore S.	Hore S.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044931620&doi=10.1016%2fj.asoc.2018.03.048&partnerID=40&md5=40fa07be8874bd06ca103c0366b69731
52	Designing of Ground-Truth-Annotated DBT-	Majumdar G., Datta D.	Bhowmik M.K., Gogoi	2017-2018	1	JOINT RESE	Department of Biotechnology,	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044931620&doi=10.1016%2fj.asoc.2018.03.048&partnerID=40&md5=40fa07be8874bd06ca103c0366b69731

	<p>TU-JU Breast Thermogram Database Toward Early Abnormality Prediction</p>	<p>Agartala Government Medical College (AGMC), Regional Cancer Centre, Tripura, 799006, India</p> <p>Bhattacharjee D., Department of Computer Science and Engineering, Jadavpur University, Kolkata, 700032, India Worked with Bhowmik M.K., Gogoi U.R., Ghosh A.K.</p>	<p>U.R., Ghosh A.K.</p>			<p>ARCH PUBLICATION</p>	<p>Ministry of Science and Technology, India, DBT: BT/533/NE/TBP/2013, F.4 (5-2)/AGMC/Academic/Project/Research/2007/Sub-I/8199-8201</p> <p>Department of Science and Technology, Government of Kerala: IF150970</p> <p>Department of Biotechnology, Government of West Bengal, DBT-WB</p>	<p>rd/record.uri?eid=2-s2.0-85028414431&doi=10.1109%2fJBHI.2017.2740500&partnerID=40&md5=bb5d8b03e06a7814fd9dae95203f15ad</p>
<p>53</p>	<p>SOI waveguide-based biochemical sensors</p>	<p>Rifat A.A., Nonlinear Physics Centre, Research School of Physics and Engineering, Australian National University, Acton, 2601, ACT, Australia</p>	<p>Bhowmik B.B.</p>	<p>2017-2018</p>	<p>1</p>	<p>JOINT RESEARCH PUBLICATION</p>		<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053649372&doi=10.1007%2f978-3-319-76556-</p>

		Ahmed R., Nanotechnology Laboratory, School of Engineering, University of Birmingham, Birmingham, B15 2TT, United Kingdom Worked with Bhowmik B.B.						3_16&partnerID=40&md5=57ba7528dec5efdf1e02934417d51e89d
54	Effects of doping of mercury atom(s) on optoelectronic properties of binary zinc chalcogenides - A first principle based theoretical investigation	Sarkar U., Department of Physics, Government Degree College, Kamalpur, 799285, Tripura, India Bhattacharjee R., Department of Physics, Women's College, Agartala, 799001, Tripura, India Worked with Debbarma M., Sarkar U., Debnath B., Ghosh D., Chanda S., Chattopadhyaya S., Bhattacharjee R.	Debbarma M., Sarkar U., Debnath B., Ghosh D., Chanda S., Chattopadhyaya S., Bhattacharjee R.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044094403&doi=10.1016%2Fj.jallcom.2018.03.093&partnerID=40&md5=796a8860e60622b88b344fdec703a22a
55	Effect of stand structure and aspect on the regeneration of banj oak (Quercus leucotrichophora A. Camus) forest along disturbance in Garhwal Himalaya, Uttarakhand, India	Singh V., Department of Forestry, Dolphin PG Institute of Biomedical and Natural Sciences, Dehradun, Uttarakhand, 248007, India Chauhan D.S.	Dasgupta S.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061449125&doi=10.2478%2Ffsmu-2018-0003&partnerID=40&md5=f

		Department of Forestry and Natural Resources, HNBGU, Srinagar Garhwal, Uttarakhand, 246174, India Worked with Dasgupta S.						88d62256f19fa05cb51ffee7cd54f21
56	Influence of doping of mercury atom(s) on optoelectronic properties of binary cadmium chalcogenides - A density functional theory based investigation with different exchange-correlation functionals and including spin-orbit coupling	Sarkar U., Department of Physics, Government Degree College, Kamalpur, 799285, Tripura, India Bhattacharjee R., Department of Physics, Women's College, Agartala, 799001, Tripura, India Worked with Debbarma M., Sarkar U., Debnath B., Chanda S., Ghosh D., Bhattacharjee R., Chattopadhyaya S.	Debbarma M., Sarkar U., Debnath B., Chanda S., Ghosh D., Bhattacharjee R., Chattopadhyaya S.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Government of Rajasthan	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044103184&doi=10.1016%2Fj.cap.2018.03.010&partnerID=40&md5=785071ae6adf b17598a073c84fecac9f
57	Use of ion pair amphiphile as an alternative of natural phospholipids in enhancing the stability and anticancer activity of oleanolic acid loaded nanostructured lipid carriers	Karmakar G., Nahak P., Roy B., Guha P., Department of Chemistry, University of North Bengal, Darjeeling, 734013, West Bengal, India Tsuchiya K., Department of Pure and Applied Chemistry, Tokyo University of	Nath R.K.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Government of Kerala: SR/S1/PC-32/2011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042674905&doi=10.1016%2Fj.colsurfa.2018.02.039&partnerID=40&md5=991ee8faa08e99a3f31

		Science, 2641Yamazaki, Noda, 278-8510, Tokyo, Japan Karmakar G.,Nahak P.,Roy B.,Guha P.,Panda A.K., Department of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, 721102, West Bengal, India Worked with Nath R.K.						9a272c6ddc8e5
58	A compact printed UWB monopole antenna with triple band notch characteristic	Banerjee J., Dept. of ECE, Adamas University, Kolkata, India Saha A., Dept. of AEIE, Netaji Subhash Engineering College, Kolkata, India Worked with Karmakar A., Chakraborty P., Debnath P., Das P., Bhattacharjee A.	Karmakar A., Chakraborty P., Debnath P., Das P., Bhattacharjee A.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051085346&doi=10.1109%2fICMAP.2018.8354590&partnerID=40&md5=d66b03b157a7eb2ff46579b2b3d30d77
59	Simultaneous sequestration of nitrate and phosphate from wastewater using a tailor-made bacterial	Saha A.,Chanda C.,Barat P., Centre of Excellence in Environmental Technology and Management, Maulana	Bhushan S., Thakur A.R., Gantayet L.M.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Indian Council of Agricultural Research, ICA R Department of	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036519713&doi=10.1002

	consortium in biofilm bioreactor	<p>Abul Kalam Azad University of Technology, West Bengal, India</p> <p>Mukherjee P.,Bhaumik M.,Ghosh M., Sharmin J.,Datta P.,Banerjee S., Department of Biotechnology, Maulana Abul Kalam Azad University of Technology, West Bengal, India Worked with Bhushan S.,Thakur A.R.,Gantayet L.M.</p>					<p>Biotechnology, Ministry of Science and Technology, India, DBT</p> <p>Board of Research in Nuclear Sciences, BRNS</p> <p>Department of Atomic Energy, Government of India, पऊवि</p> <p>Ministry of Human Resource Development, MHRD</p>	<p>%2fjctb.5487&partnerID=40&md5=b057958b8a4c4d118e705fbaa9a1481b</p>
60	Physicochemical Characterization of Chrysin-Derivative-Loaded Nanostructured Lipid Carriers with Special Reference to Anticancer Activity	<p>Karmakar G., Nahak P., Guha P., Department of Chemistry, University of North Bengal, Darjeeling, 734013, West Bengal, India</p> <p>Chettri P., Kumar A., Department of Biotechnology, University of North</p>	Nath R.K., Bhowmik S., De U.C.	2017-2018	1	JOINT RESEARCH PUBLICATION	<p>Department of Science and Technology, Government of Kerala: SR/S1/PC-32/2011</p> <p>Department of Biotechnology, Government of</p>	<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045385964&doi=10.1002/2fjsde.12033&partnerID=40&md5=c09a8ef822354ac98</p>

		<p>Bengal, Darjeeling, 734013, West Bengal, India</p> <p>Tsuchiya K., Torigoe K., Department of Pure and Applied Chemistry, Tokyo University of Science, 2641 Yamazaki, Noda, Tokyo, 278-8510, Japan</p> <p>Nag K., Department of Biochemistry, Memorial University of Newfoundland, St. John's, NL, Canada</p> <p>Panda A.K., Department of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, 721102, West Bengal, India</p> <p>Worked with Nath R.K., Bhowmik S., De U.C.,</p>					<p>West Bengal, DBT- WB: BT/526/NE/TB P/2013</p>	<p>30e22a856460 73c</p>
61	<p>Dynamics of mobile banking adoption behavior in North Eastern states of India</p>	<p>Kumar A., School of Management, Campus 7, KIIT University, Bhubaneswar, Odisha, India</p> <p>Debnath N.,</p>	<p>Debnath N.</p>	<p>2017- 2018</p>	<p>1</p>	<p>JOINT RESE ARCH PUBLI CATIO N</p>		<p>https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045919412&partnerID=40&md5=6d0b3e999eeb3e</p>

		<p>KIIT University, Bhubaneswar, Odisha, India</p> <p>Devadutta K., School of Computer Engineering, KIIT University Bhubaneswar, Odisha, India</p> <p>Singh G., School of Management, KIIT University Bhubaneswar, Odisha, India Worked with Debnath N.</p>						ee78da89b6dfd02a
62	Factors affecting mobile banking adoption behavior in north eastern states of India	<p>Kumar A., School of Management, Campus 7, KIIT University Bhubaneswar, Odisha, India</p> <p>Debnath N., KIIT University, Bhubaneswar, Odisha, India Worked with Debnath N.</p>	Debnath N.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045878667&partnerID=40&md5=e39ba42d5da9e2dbe79c38b8926b22b8
63	Role of PEG 2000 in the surface modification and physicochemical characteristics of	<p>Karmakar G., Nahak P., Guha P., Roy B. Department of Chemistry, University of North Bengal,</p>	Nath R.K.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044753836

	pyrazinamide loaded nanostructured lipid carriers	Darjeeling, 734 013, West Bengal, India Panda A.K., Department of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, 721 102, West Bengal, India Worked with Nath R.K.				CATION	Technology, India, डीएसटी: SR/S1/PC-32/2011	https://doi.org/10.1007/s12039-018-1448-x&partnerID=40&md5=65210686e1c2488d80ddeab760f5da8b
64	Investigating the Role of Oxygen Vacancies and Lattice Strain Defects on the Enhanced Photoelectrochemical Property of Alkali Metal (Li, Na, and K) Doped ZnO Nanorod Photoanodes	Karmakar K.,Mandal K., Department of Condensed Matter Physics and Material Sciences, S. N. Bose National Centre for Basic Sciences, Block JD, Sector-III, Salt Lake, Kolkata, 700 106, India Sarkar A., Centre for Research in Nanoscience and Nanotechnology, University of Calcutta, Block-JD2, Sector-III, Salt Lake, Kolkata, 700 106, India Worked with Khan G.G.,	Khan G.G.	2017-2018	1	JOINT RESEARCH PUBLICATION	Science and Engineering Research Board Department of Science and Technology: 2015/ IF150237, IFA12-ENG-09	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042195145&doi=10.1007/s12039-018-1448-x&partnerID=40&md5=f5b2b88149857e0085410d831bf649cc
65	Electrical switching behaviour of a	Chakraborty S.,	Dey B.,Chakrabort	2017-2018	1	JOINT RESE	Department of Science and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042195145&doi=10.1007/s12039-018-1448-x&partnerID=40&md5=f5b2b88149857e0085410d831bf649cc

	metalloporphyrin in Langmuir-Blodgett film	<p>Department of Physics, NIT Agartala, Jiraniya, West Tripura, 799046, Tripura, India</p> <p>Khan A., Inamuddin, Chemistry Department, Faculty of Science, King Abdulaziz University, Jeddah, 21589, Saudi Arabia</p> <p>Khan A., Inamuddin, Centre of Excellence for Advanced Materials Research, King Abdulaziz University, Jeddah, 21589, Saudi Arabia</p> <p>Worked with Dey B., Chakraborty S., Bhattacharjee D., Hussain S.A.</p>	y S., Bhattacharjee D., Hussain S.A.			ARCH PUBLICATION	<p>Technology, Ministry of Science and Technology, India, DST: EMR/2014/000 234</p> <p>University Grants Committee, UGC</p>	rd/record.uri?eid=2-s2.0-85041487783&doi=10.1016%2Fj.orgel.2017.12.038&partnerID=40&md5=9c2a211fd63db04252025979a87bfb9a
66	Controlling STATCOM by full order state feedback controller for stability improvement	<p>Chakraborty A.K., National Institute of Technology, Agartala, India</p> <p>Worked with Nandi C.</p>	Nandi C.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060649812&doi=10.4018%2F978-1-5225-3935-3.ch007&partnerID=40&md5=e18695e9bfd

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67	Impact of homesteads bamboo Nurseries on the livelihood-a case from North and West Tripura, India	Kaushik P.K., Centre for Forest based Livelihood and Extension, Agartala, 799 012, India Tripathi K.M., Krishi Vigyan Kendra, Bulandshahr, Uttar Pradesh, 203 001, India Worked with Selvan T., Das Chowdhury A.	Selvan T., Das Chowdhury A.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053024601&partnerID=40&md5=cd64de58ef0134b7527ead46fec033ce
68	Abnormality analysis of pcg signal using vmd and mlp neural network	Singh S.A., Verma A., Chhetry S., Department of ECE, NERIST, Nirjuli, Arunachal-Pradesh, India Worked with Majumder S.	Majumder S.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050680156&doi=10.1109%2fISED.2017.8303911&partnerID=40&md5=e77effa218939dc937e63970bb3d4671
69	Modified aggregation pattern of cresyl violet acetate adsorbed on nano clay mineral	Banik S., Department of Physics, Women's College, Agartala, 799001, Tripura, India	Banik S., Hussain S.A., Bhattacharjee D.	2017-2018	1	JOINT RESEARCH PUBLICATION	Council for Scientific and Industrial Research, South Africa, CSIR:	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85038893442

	layers in Langmuir Blodgett film	Worked with Banik S., Hussain S.A., Bhattacharjee D.				CATION	03(1146)/09/EMR-II, SE/FTP/PS-54/2007 Department of Science and Technology, Republic of South Africa, DST	https://doi.org/10.1016/j.jphotochem.2017.12.013 &partnerID=40&md5=a23a487ae7c13122242866e67dea7c2d
70	A novel humanitarian technology for early detection of cervical neoplasia: ROI extraction and SR detection	Das A., Dept. of Computer Sc. and Engineering, Aliah University, Kolkata, India Worked with Choudhury A.	Choudhury A.	2017-2018	1	JOINT RESEARCH PUBLICATION	University Grants Committee, UGC	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047556095&doi=10.1109/HTC.2017.8288998&partnerID=40&md5=02ab61ec5c40523a1d179385dfefe63f
71	Fractal feature based early breast abnormality prediction	Das D.H., Department of Information Technology, Bir Bikram Memorial College, Tripura, India Worked with	Roy A., Gogoi U.R., Bhowmik M.K.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047547267&doi=10.1109/HTC.2017.8288998&partnerID=40&md5=02ab61ec5c40523a1d179385dfefe63f

		Roy A., Gogoi U.R.,Bhowmik M.K.						HTC.2017.8288896&partnerID=40&md5=0e492f6a1eca19d97127340ba9b4c183
72	Gauss-seidel method based voltage security analysis of distribution system	Chakraborty K., Department of Electrical Engineering, Tripura Institute of Technology, India Worked with Deb G.	Deb G.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043277969&doi=10.11591%2fijece.v8i1.pp43-51&partnerID=40&md5=e60db525f6d0cfcfa41f2ddab4ee7b27
73	Tuning of electronic band gaps and optoelectronic properties of binary strontium chalcogenides by means of doping of magnesium atom(s)- a first principles based theoretical initiative with mBJ, B3LYP and WC-GGA functionals	Sarkar U., Department of Physics, Government Degree College, Kamalpur, 799285, Tripura, India Bhattacharjee R., Department of Physics, Women's College, Agartala, 799001, Tripura, India Worked with	Debnath B., Sarkar U., Debbarma M., Bhattacharjee R., Chattopadhyaya S.,	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Government of Rajasthan	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034033588&doi=10.1016%2fj.physb.2017.10.014&partnerID=40&md5=2b521e432

		Debnath B., Sarkar U., Debbarma M., Bhattacharjee R., Chattopadhyaya S.						7d029452f4cc36540905a05
74	Modification of band gaps and optoelectronic properties of binary calcium chalcogenides by means of doping of magnesium atom(s) in rock-salt phase- a first principle based theoretical initiative	Sarkar U., Department of Physics, Government Degree College, Kamalpur, 799285, Tripura, India Bhattacharjee R., Department of Physics, Women's College, Agartala, 799001, Tripura, India Worked with Debnath B., Sarkar U., Debbarma M., Chattopadhyaya S., Bhattacharjee R.,	Debnath B., Sarkar U., Debbarma M., Chattopadhyaya S., Bhattacharjee R.,	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Department of Science and Technology, Government of Rajasthan	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032922973&doi=10.1016%2Fj.jssc.2017.10.028&partnerID=40&md5=18a32321b00d1bfc8ab99a469bcefc8a
75	Hybrids of Steroid and Nitrogen Mustard as Antiproliferative Agents: Synthesis, in Vitro Evaluation and in Silico Inverse Screening	Acharya P.C., Bansal R., University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh, 160014, India Kharkar P.S., Department of Pharmaceutical Chemistry, SPP School of Pharmacy and Technology Management, SVKM'S NMIMS, Mumbai, India Worked with	Acharya P.C.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	University Grants Commission - Sri Lanka, UGC	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030327341&doi=10.1055%2Ffs-0043-118538&partnerID=40&md5=91a37fc67c9ce0790b1b0bd38f1d02a9

		Acharya P.C.						
76	Determination of the Global-Average Charge Moment of a Lightning Flash Using Schumann Resonances and the LIS/OTD Lightning Data	Boldi R., College of Natural and Health Sciences, Zayed University, Dubai, United Arab Emirates Williams E., Parsons Laboratory, Massachusetts Institute of Technology, Cambridge, MA, United States Worked with Guha A.	Guha A.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040199832&doi=10.1002%2f2017JD027050&partnerID=40&md5=362b7d8076c7d3e9fa2607fa0af9e969
77	Degraded products of stem bromelain destabilize aggregates of β -amyloid peptides involved in Alzheimer's disease	Mukherjee D., Bhattacharjee P., Bhattacharya R., Bhattacharyya D., Dutta A.K., Division of Structural Biology and Bioinformatics, CSIR-Indian Institute of Chemical Biology 4, Raja S.C. Mallick Road, Jadavpur, Kolkata, 700 032, India Worked with Bhattacharyya D.	Bhattacharyya D.	2017-2018	1	JOINT RESEARCH PUBLICATION	SR/CSI/07/2009 Department of Science and Technology, Ministry of Science and Technology, India, DST	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058035301&doi=10.18520%2fcs%2fv115%2fi11%2f2133-2141&partnerID=40&md5=80c13bdd270b848047504ebc206cab0b
78	Multiset ideal topological spaces and local functions	Shravan K., Mathematical Sciences Division, Institute of Advanced Study in Science and	Tripathy B.C.	2017-2018	1	JOINT RESEARCH PUBLI		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057183112

		Technology, Guwahati, Assam, 781035, India Worked with Tripathy B.C.				CATIO N		https://doi.org/10.4067/2fS0716-09172018000400699&partnerID=40&md5=ac1d42369b85590602b276e2981089b7
79	Effect of Electric Field on J-aggregate in Ultrathin Films	Deb S., Department of Physics, Women's College, Agartala, 799001, Tripura, India Worked with Debnath P., Dey B., Bhattacharjee D., Hussain S.A.	Debnath P., Dey B., Bhattacharjee D., Hussain S.A.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी: SR/FST/ PSI- 191/2014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055575531&doi=10.1016/j.matpr.2017.09.229&partnerID=40&md5=4d58a968a83b6426830e31a36207a096
80	Effect of DNA in controlling the H-dimeric sites of Nile Blue Chloride (NBC) in ultra-thin film	Debnath C., Department of Physics, MBB College, West Tripura, 799004, Agartala, India Worked with Shil A., Hussain S.A., Bhattacharjee D.,	Shil A., Hussain S.A., Bhattacharjee D.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Council of Scientific and Industrial Research, India, CSIR: 03(1146)/09/E MR- II, SE/FTP/PS- 54/2007 University Grants	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055553270&doi=10.1016/j.matpr.2017.09.240&partnerID=40&md5=98760975122c5e827d03f627d821f558

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81	Red Mud and Its Applicability in Fluoride Abatement	Sahoo A., Department of Chemical Engineering, National Institute of Technology Rourkela, Rourkela, 769008, India Worked with Nath H.	Nath H.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Ministry of Environment and Forests, MoEF	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055525265&doi=10.1016%2fj.matpr.2017.09.220&partnerID=40&md5=dbb66c868c5cb157fb4b3ff7f4925350
82	Metachromasy of a water soluble pthalocyanine dye in the solutions and deposited Langmuir films	Debnath C., Department of Physics, MBB College, Agartala, 799004, West Tripura, India Worked with Shil A., Hussain S.A., Bhattacharjee D.	Shil A., Hussain S.A., Bhattacharjee D.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	University Grants Committee, UG C: F.5- 378/2014- 15/MRP/NERO /2235 Department of	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055518648&doi=10.1016%2fj.matpr.2017.09.239&partnerID=40&md5=dbb66c868c5cb157fb4b3ff7f4925350

							Science and Technology, Ministry of Science and Technology, India, डीएसटी: EMR/2014/000234	d5=87386af37bec789bc1a719b5b707ff55
83	Study of aggregation behavior of water insoluble metalloporphyrin (Zn) in LB film	Banik S., Department of Physics, Women's College, Agartala, 799001, Tripura, India Worked with Saha M., Hussain S.A., Bhattacharjee D.	Saha M., Hussain S.A., Bhattacharjee D.	2017-2018	1	JOINT RESEARCH PUBLICATION	Council of Scientific and Industrial Research, India, CSIR: 03(1146)/09/EMR-II, SE/FTP/PS-54/2007 Department of Science and Technology, Government of West Bengal, DST	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055485068&doi=10.1016%2Fj.matpr.2017.09.226&partnerID=40&md5=4ebebcbfa19e123920d8fb5041287cfc
84	Effect of nano clay platelets on the hybrid monolayer of a cationic oxazine dye: In-situ Brewster Angle Microscopic (BAM) study	Banik S., Department of Physics, Women's College, Agartala, 799001, Tripura, India Worked with Saha M., Hussain S.A., Bhattacharjee D.	Saha M., Hussain S.A., Bhattacharjee D.	2017-2018	1	JOINT RESEARCH PUBLICATION	Council of Scientific and Industrial Research, India, CSIR: 03(1146)/09/EMR-II, SE/FTP/PS-54/2007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055480024&doi=10.1016%2Fj.matpr.2017.09.241&partnerID=40&md5=87386af37bec789bc1a719b5b707ff55

							Department of Science and Technology, Government of West Bengal, DST	d5=217b10b16497165008d6e6be6e0a397f6
85	Effects of Various Factors on Performance of MAC Protocols for Underwater Wireless Sensor Networks	Sarma N., Department of Computer Science and Engineering, Tezpur University, India Worked with Roy A.	Roy A.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055472810&doi=10.1016%2fj.matpr.2017.09.228&partnerID=40&md5=6bb03922332cd9826bad35b123cb512a
86	Effect of microstructural features on stress corrosion cracking behaviour of 7017 and 7150 aluminium alloy	Ghosh K.S., Department of Metallurgical and Materials Engineering, NIT, Durgapur, West Bengal, India Worked with Kumar Rout P.	Kumar Rout P.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053424304&doi=10.1016%2fj.matpr.2017.11.462&partnerID=40&md5=6ea671916c4974b38640b030fca19279

87	RASIT: Region shrinking based Accurate Segmentation of Inflammatory areas from Thermograms	Bhattacharjee D., Department of Computer Science and Engineering, Jadavpur University, West Bengal, India Worked with Bardhan S., Bhowmik M.K., Debnath T.	Bardhan S., Bhowmik M.K., Debnath T.	2017-2018	1	JOINT RESEARCH PUBLICATION	Indian Council of Medical Research, ICMR: 5/7/1516/2016-RCH Department of Biotechnology, Government of West Bengal, DBT-WB: 03/03/2014, BT/533/NE/TBP/2013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053406989&doi=10.1016%2fj.bbe.2018.07.002&partnerID=40&md5=765827d4cd29cfd591a17e83bda6e11d
88	Breast blood perfusion (BBP) model and its application in differentiation of malignant and benign breast	Pramanik S., Banik D., Bhattacharjee D., Nasipuri M., Department of Computer Science and Engineering, Jadavpur University, Kolkata, India Worked with Bhowmik M.K.	Bhowmik M.K.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048640453&doi=10.1007%2f978-981-10-8240-5_45&partnerID=40&md5=d76b5b1159eda8d112e0bb0b5e559609

89	Natural Dyes and their Effect on Efficiency of TiO ₂ based DSSCs: A Comparative Study	Singh L.K., Department of Physics, ADP College, Nagaon, 782002, Assam, India Worked with Koiry B.P.	Koiry B.P.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048379715&doi=10.1016%2fj.matpr.2017.09.208&partnerID=40&md5=ee90c785d12200d803713b1a6d639abe
90	Bioleaching of Manganese from mining waste materials	Ghosh S., Bioengineering and Bio Mineral Processing Laboratory, Centre for Biotechnology, Siksha 'o' Anusandhan University, Bhubaneswar, Odisha, India Workwed with Das A.P.	Das A.P.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Department of Biotechnology, Government of West Bengal, DBT- WB: BT?PR7454/B CE/8/949/2012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047882302&doi=10.1016%2fj.matpr.2017.11.459&partnerID=40&md5=4c02e4911afe0e171ac6c6beb6d5252f
91	Generalised closed sets in multiset topological space	Shravan K., Mathematical Sciences Division, Institute of Advanced Study in Science and Technology, Paschim	Tripathy B.C.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047791056

		Boragaon, Guwahati, Assam, 781035, India Worked with Tripathy B.C.						https://doi.org/10.4067/2fS0716-09172018000200223&partnerID=40&md5=48ab8422fb83236c05276f20f6fd767c
92	Synthesis of BiFeO ₃ nanoparticle anchored TiO ₂ -BiFeO ₃ nano-heterostructure and exploring its different electrochemical aspects as electrode	Sarkar A., Gopal Khan G., Centre for Research in Nanoscience and Nanotechnology, University of Calcutta, Sector-III-Salt Lake, Kolkata, 700106, India Worked with Gopal Khan G.	Gopal Khan G.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and Technology, India, डीएसटी: SB/FTP/ETA-0142/2014 Science and Engineering Research Board, SERB	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047217137&doi=10.1016%2fj.matpr.2017.11.016&partnerID=40&md5=6d7b00231b40664a841b692998a34458
93	Ene cyclization reaction in heterocycle synthesis	Saikia A.K., Department of Chemistry, Indian Institute of Technology Guwahati, Guwahati, 781039, India Worked with Saha P.	Saha P.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046009152&doi=10.1039%2fc8ob00429c&partnerID=40&md5=13856ec4015e01

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94	Collaboration and knowledge sharing via facebook groups: Analysis of postings of library and information science community	Das K., National Institute of Technology Rourkela, 769 008, Odisha, India Worked with Mahapatra R.K.	Mahapatra R.K.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044318913&doi=10.14429%2fdjlit.38.2.10949&partnerID=40&md5=0cef6669822316b3af0e26b1c8efe8a3
95	Fine spectrum of the upper triangular matrix $U(r, 0, 0, s)$ over the sequence spaces c_0 and c	Das R., Department of Mathematics, Sikkim Manipal Institute of Technology, Sikkim, 737136, India Worked with Tripathy B.C.	Tripathy B.C.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043985958&doi=10.4067%2fs0716-09172018000100085&partnerID=40&md5=dc4dbc717b271af4010e6c2bda6f88cf
96	Effect of clay in controlling the non-fluorescence H-dimeric states of a cationic dye Nile Blue	Debnath C., Department of Physics, MBB College, Agartala, 799004, Tripura, India Worked with	Debnath C., Shil A., Hussain S.A., Bhattacharjee D	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Science and Technology, Ministry of Science and	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034834397

	Chloride (NBC) in hybrid Langmuir–Blodgett (LB) film	Debnath C., Shil A., Hussain S.A., Bhattacharjee D.				CATION	Technology, India, डीएसटी Council of Scientific and Industrial Research, India, CSIR: 03(1146)/09/EMR-II, SE/FTP/PS-54/2007 University Grants Committee, UGC: F.5-378/2014-15/MRP/NERO/2235	https://doi.org/10.1016/j.cplett.2017.11.038&partnerID=40&md5=07579c0cc0c7e2e3099de5836e7fccab
97	Parking places discovery and reservation using vehicular ad hoc networks	Devi M., Department of Computer Science and Engineering, Tezpur University, Tezpur, 784028, Assam, India Worked with Roy A., Paul J., Baidya R.	Roy A., Paul J., Baidya R.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033701228&doi=10.1007/978-981-10-4765-7_72&partnerID=40&md5=6bf905844a9b1

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98	p-J-generator and p1-J-generator in bitopology	Acharjee S., Department of Mathematics, Pragjyotish College, Guwahati, 781009, India Worked with Tripathy B.C.	Tripathy B.C.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021810459&doi=10.5269/2fbspm.v36i2.29377&partnerID=40&md5=3ec1bdf501c2aa2d506f6d4b5f7ec580
99	Realization of Basic Gates Using Universal Gates Using Quantum-Dot Cellular Automata	Dutta P., Department of Computer and System Science, Visva-Bharati University, West Bengal, India Saha A.K., Department of Mathematics, NIT Agartala, Barjala, Tripura, India Worked with Pal J.	Pal J.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063250854&doi=10.1007/978-981-10-6890-4_53&partnerID=40&md5=45bc81df4e8bb1e5956bd5c0ee4b307e
100	UMB MIMO Slot antenna with minkowski fractal shaped isolators for isolation enhancement	Saha A., Department of AEIE, Netaji Subhash Engineering College, Kolkata, India	Debnath P., Karmakar A.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056270959

		Huda S., Department of ECE, Camellia Institute of Technology, Kolkata, India Worked with Worked with Debnath P., Karmakar A.				CATIO N		https://doi.org/10.2528%2fPIERM18090506&partnerID=40&md5=8ec9b2c0f9c159fd14a136c12397b6e6
10 1	Non-ionic fluorinated amphiphilic block copolymer via RAFT polymerization and their application as surfactant in emulsion polymerization	Singh L.K., Anandaram Dhekial Phookan College, Gauhati University, Nagaon, 782002, Assam, India Chakraborty A., Rubber Technology Centre, IIT Kharagpur, Kharagpur, West Bengal, 721302, India Worked with Koiry B.P., Nath R.K.	Koiry B.P., Nath R.K.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055534832&doi=10.1016%2fj.matpr.2017.09.199&partnerID=40&md5=03aaadc8944b260f616af3c015f5fd2f
10 2	Simultaneous estimation of amlodipine besylate and nebivolol hydrochloride in pharmaceutical tablets formulation by rp-hplc using pda detector	Debnath M., Pandit Nehru Complex, Gourkhabasti, Agartala, 799006, Tripura, India Sreenu M., Department of Pharmaceutical Analysis and Quality Assurance, A.K.R.G College of Pharmacy, West Godavari, Nallajerla, 534112, AP, India	Kumar A., Kumar Singh M.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055046280&partnerID=40&md5=bc8fdb6951c45817346baeff11d3efea

		Worked with Kumar A., Kumar Singh M.						
10 3	On selectively star- lindelöf properties	Bal P., Faculty of Science and Technology, ICFAI University Tripura, Kamalghat, Tripura, 799210, India Gauld D., Department of Mathematics, University of Auckland, Private Bag, Auckland, 92019, New Zealand Worked with Bhowmik S.	Bhowmik S.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049691531&doi=10.18311%2fjims%2f2018%2f20145&partnerID=40&md5=8936d29b675f151e8a3a87fe78ac1cbf
10 4	On statistical convergent sequence spaces of intuitionistic fuzzy numbers	Mishra V.N., Applied Mathematics and Humanities Department, Sardar Vallabhbhai National Institute of Technology, Surat, 395 007, Gujarat, India Debnath J., Department of Mathematics, National Institute of Technology, Agartala, 799046, India Worked with Debnath S.	Debnath S.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85036510010&doi=10.5269%2fbspm.v36i1.30880&partnerID=40&md5=a6a84314500da76f9ec4dc4f94bd7d43
10 5	eCloud: An efficient transmission policy for mobile cloud	Pati B., Sarkar J.L., Department of Computer Science and Engineering, C.V.	Debbarma S.	2017- 2018	1	JOINT RESE ARCH PUBLI		https://www.scopus.com/inward/record.uri?e

	computing in emergency areas	Raman College of Engineering, Bhubaneswar, India Panigrahi C.R., Department of Computer Science, Central University of Rajasthan, Bandar Sindri, Rajasthan, India Worked with Debbarma S.				CATION		id=2-s2.0-85032646773&doi=10.1007%2f978-981-10-3376-6_5&partnerID=40&md5=0eed2cd70d750beaf35637c43b6246a2
106	Zinc oxide nanoparticle inhibits the biofilm formation of Streptococcus pneumoniae	Bhattacharyya P., Goswami M., Tribedi P., Department of Microbiology, Assam Don Bosco University, Tapesia, Sonapur, 782402, Assam, India Agarwal B., Baruah S., Department of Electronics & Communication Engineering, Assam Don Bosco University, Azara, Guwahati, 781017, Assam, India Tribedi P., Department of Biotechnology, The Neotia University, Sarisha, 743363, West Bengal, India	Maiti D.	2017-2018	1	JOINT RESEARCH PUBLICATION		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028957000&doi=10.1007%2fs10482-017-0930-7&partnerID=40&md5=5ca7df0bba0adada d84b91887db6bbf2

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10 7	E2G: A Game Theory- Based Energy Efficient Transmission Policy for Mobile Cloud Computing	Sarkar J.L.,Panigrahi C.R., Central University of Rajasthan, Rajasthan, India Pati B., C.V. Raman College of Engineering, Bhubaneswar, India Trivedi R., Biju Patnaik University of Technology, Rourkela, India Worked with Debbarma S.	Debbarma S.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042306935&doi=10.1007%2f978-981-10-6872-0_65&partnerID=40&md5=05d6380f888d7d57f39177389ae4a87e
10 8	Rapid simultaneous estimation of sumatriptan succinate and naproxen sodium in tablet dosage forms using a validated stability-indicating monolithic LC method	Debnath M., Pandit Nehru Complex, Gourkhabasti, Agartala, 799 006, Tripura, India Seshagiri Rao J.V.L.N., Srinivasarao College of Pharmacy, Pothinamallayyapalem, Madhurawada, Visakhapatnam, 530 041, Andhra Pradesh, India Anguluri D.P.,Ramya G.P.S., A. K. R. G. College of Pharmacy, Nallajerla,	Kumar S.A., Manna K., Singh M.K.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041489771&partnerID=40&md5=270e393301e7c24055e52bd81fad36d5

		West-Godavari, 534 112, Andhra Pradesh, India Worked with Kumar S.A., Manna K., Singh M.K.						
10 9	Inventory and characterization of new populations through ecological niche modelling improve threat assessment	Adhikari D., Singh P.P., Tiwary R., Barik S.K., Department of Botany, North-Eastern Hill University, Shillong, 793 022, India Reshi Z., Shah M.A., Salam N., Zahoor Z., Mir S.H., Kaloo Z.A., Department of Botany, University of Kashmir, Srinagar, 190 006, India Samant S.S., Thakur M.L., G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Himachal Unit, Mohal-Kullu, 175 101, India Chettri A., Pradhan A., Department of Botany, Sikkim University, Gangtok, 737 102, India Upadhaya K.,	Datta B.K., Majumdar K.	2017- 2018	1	JOINT RESE ARCH PUBLI CATIO N	Department of Biotechnology, Ministry of Science and Technology, India, DBT: BT/Env/BC/01/ 2010	https://www.scopus.com/inward/record.uri?id=2-s2.0-85041530264&doi=10.18520%2fcs%2fv14%2fi03%2f519-531&partnerID=40&md5=4cb5f6d2f5a30921393696d248c9dca0

		Department of Basic Science and Social Science, School of Technology, North-Eastern Hill University, Shillong, 793 022, India CSIR-National Botanical Research Institute, Lucknow, 226 001, India Worked with Datta B.K., Majumdar K.						
200	Contributions of plant taxonomy, herbarium and field germplasm bank to conservation of threatened plants: Case studies from the Himalayas and Eastern and Western Ghats	Haridasan K., Suresh G., TDU, Foundation for Revitalisation of Local Health Traditions, Bengaluru, 560 106, India Mao A.A., Botanical Survey of India, Shillong, 793 003, India Janarthanam M.K., Department of Botany, Goa University, Goa, 403 206, India Pandey A.K., Department of Botany, University of Delhi, Delhi, 110 007, India Barik S.K., CSIR-National Botanical Research Institute (NBRI),	Datta B.K.	2017-2018	1	JOINT RESEARCH PUBLICATION	Department of Biotechnology, Ministry of Science and Technology, India, DBT: BT/Env/BC/01/2010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041533134&doi=10.18520%2fcs%2fv14%2fi03%2f512-518&partnerID=40&md5=05b6c31ebe489d9a174f5058221fa0e5

		<p>Lucknow, 226 001, India Srivastava S.K., Botanical Survey of India, Dehradun, 786 006, India Panda P.C., Regional Plant Resource Centre (RPRC), Bhubaneswar, 751 105, India Borthakur S.K., Department of Botany, Gauhati University, Guwahati, 781 014, India Rao B.R.P., Department of Botany, Sri Krishnadevaraya University, Anantapur, 515 003, India Barik S.K., Centre for Advanced Studies in Botany, North-Eastern Hill University, Shillong, 793 022, India Worked with Datta B.K.</p>						
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