

Sl. No.	List of articles
<b>2018-2019</b>	
1.	Das,S.;Aich,K.;Patra,L.;Ghoshal,K.;Gharami,S.;Bhattacharyya,M.;Mondal, T. K.(2018)Development of a new fluorescence ratiometric switch for endogenous hypochlorite detection in monocytes of diabetic subjects by dye release method. <i>Tetrahedron Letters</i> ,59(12), Pgs: 1130 – 1135.
2.	Gharami,S.;Aich,K.;Patra,L.;Mondal, T. K. (2018)Detection and discrimination of Zn <sup>2+</sup> and Hg <sup>2+</sup> using a single molecular fluorescent probe. <i>New Journal of Chemistry</i> , 42(11), pgs: 8646 – 8652.
3.	Patra,L.;Aich,K.;Gharami,S.;Mondal, T. K. (2018)A new carbazole-benzothiazole based chemodosimeter for chromogenic and fluorogenic detection of CN <sup>-</sup> . <i>Journal of Luminescence</i> , 201, pgs: 419 – 426.
4.	Patra,L.;Das,S.;Gharami,S.;Aich,K.;Mondal,T. K.(2018)A new multi-analytefluorogenic sensor for efficient detection of Al <sup>3+</sup> and Zn <sup>2+</sup> ions based on ESIPT and CHEF features. <i>New Journal of Chemistry</i> , 42, pgs: 19076 – 19082.
5.	Gharami,S.;Aich,K.;Sarkar,D.;Ghosh,P.;Murmu,N.;Mondal,T. K. (2018)An ESIPT based chromogenic and fluorescent ratiometric probe for Zn <sup>2+</sup> with imaging in live cells and tissues. <i>New Journal of Chemistry</i> , 43, pgs: 1857 – 1863.
6.	MrinalHalder(2018)Narayangangapathyayer‘TimirTirtha’:Eksawdashisainiker pala. <i>Chaturthabarta, Narayan Gangapathyay sankha (Special Ed.)</i> , Vol: XIII & XIV,Issue: VIII & IX, page:14.
7.	Mrinal Halder(2018)Aranyak Sabar Janajatir Jiban O Sanskriti. <i>Chaturtha Barta, Adibasi Samaj O Sanskriti</i> , Vol: XV, page:72.
8.	A Mahajan, S Banik, S Roy Chowdhury, P.S. Roy, and S.K. Bhattacharya(2018)Size control synthesis and amperometric sensing activity of Palladium nanoparticles for Glucose detection, <i>Materials Today:Proceedings</i> , 5, pgs: 2049-2055.
9.	Dutta Roy, S., Chowdhury, J.(2018)Adsorption of Dyes on nanocolloidal gold surfaces: The key towards understanding the mechanism of SERS, <i>Materials Today: Proceedings</i> , 5, pgs: 10042–10046.
10.	Sutanuka Pattanayak, Sharmila Chakraborty, Suman Biswas, Dipankar Chattopadhyay , Mukut Chakraborty (2018)Degradation of Methyl Parathion, a common pesticide and fluorescence quenching of Rhodamine B, a carcinogen using b-D glucan stabilized gold nanoparticles. <i>Journal of Saudi Chemical Society</i> ,22(8), pgs: 937-948.
11.	Partha Sarathi Bhattacharya (2018) Yuganaddha: An esoteric practice of Tantric Buddhism. <i>Anviksa</i> ,Vol. :XXXIX, pgs: 112-123.

12.	Debashis, Roy, and Mistry Kamonasish(2018)Comparative study of biodiversity, habitat heterogeneity and their relationships, with reference to large mammalian fauna of Kanha National Park: a regional perspective.Environment and Ecology, 36(1A), pgs: 332-337.
13.	Mondal S, Roy D, Sarkar Bhattacharya S, Jin L, Jung D, Zhang S, Kalogera E, Staub J, Wang Y, Xuyang W, Khurana A, Chien J, Telang S, Chesney J, Tapolsky G, Petras D, Shridhar V(2018)Therapeutic targeting of PFKFB3 with a novel glycolytic inhibitor PFK158promotes lipophagy and chemosensitivity in gynecologic cancers. 7.36), Int J Cancer. 1;144(1), pgs: 178-189.
14.	Bipan Dutta, BiplabBhattacharjee, Joydeep Chowdhury.(2018)The Physics behind the Barrier to internal rotation of Acetyl Chloride molecule: A combined approach from DFT, Car Parrinello Molecular dynamics and time resolved wavelet transform theory. ACS Omega, 3,pgs: 6794 -6803.
15.	Sougata Sarkar, Dibakar Deb, Avijit Sarkar, Shouvik Chattopadhyay, Bipan Dutta, Soumen Khanra(2018)Hydrogen bonded supramolecular architecture of a copper (II)-citrate coordination building block: Synthesis and crystal structure with theoretical insight. Indian J. of Chem. 57A,pgs: 469-476.
16.	Samrat Sengupta(2018)An (other) Quest for the Political: Ranjan Ghosh's Detechnification of Pedagogy Through Tagore. Sanglap: Journal of Literary and Cultural Inquiry , 5(1), pgs: 104-112.
17.	Mousumi Das(2018)Seasonal Variation of Zooplankton Diversity at Nature Park Wetland, Kolkata, India. International Journal of Higher Education And Research, 8(2), pgs: 107-115.
18.	Maity,S.;Aich,K.;Prodhan,C.;Chaudhuri,K.;Pramanik,A. K.; Das, S.; Ganguly, J. (2019)Solvent-Dependent Nanostructures Based on Active p-Aggregation Induced Emission Enhancement of New Carbazole Derivatives of Triphenylacrylonitrile. Chemistry A European Journal, 25(18), pgs: 4856 – 4863.
19.	Gharami,S.;Aich,K.;Das,S.;Patra,L.;Mondal, T. K. (2019)Facile detection of organophosphorus nerve agent mimic (DCP) through a new quinolone based ratiometric switch. New Journal of Chemistry, 43(22), pgs: 8627 – 8633.
20.	Manna,C.K.;Gharami,S.;Aich,K.;Patra,L.;Mondal,T. K.(2019)Simple fabrication of a carbaldehyde based fluorescent “turn-on” probe for the selective and sole detection of Pd <sup>2+</sup> : application as test strips. New Journal of Chemistry, 43, pgs: 16915 – 16920.
21.	Aich,K.;Das,S.;Gharami,S.;Patra, L.; Mondal, T. K.(2019)Two New Quinoline-Benzothiazole Blended ‘Off-On’ Type Fluorescent Probes Exclusively Detect Cd <sup>2+</sup> . Chemistry Select, 4, pgs: 8068 – 8073.
22.	Mrinal Halder(2019)Golpo:Banglardasher Mukti Juddhyer Brittanter. Shinjan, Vol: V, issue: 9.pgs: 393-397.
23.	Mrinal Halder(2019)Bangla Sahitya: Shromjibi anushromjibi Manusher kathay, Ebongmahua,page:237.
24.	A. Mahajan, S. Banik, D. Majumdar, S. K. Bhattacharya(2019)Anodic Oxidation of Butan-1-ol on Reduced Graphene Oxide-Supported PdAg Nanoalloy for Fuel Cell Application., ACS Omega, 4 (3),pgs: 4658-4670.

25.	S. Banik, A. Mahajana, A. Ray, D. Majumdar, S. Das, S. K. Bhattacharya(2019)Temperature Control Synthesis of Platinum Nanoparticle-Decorated Reduced Graphene Oxide of different functionalities for anode-catalytic Oxidation of Methanol., FlatChem, 16, pgs: 100-111.
26.	S. Banik, A. Mahajan, S. K. Bhattacharya(2019)Size Control Synthesis of Pure Ni nanoparticles and Anodic-Oxidation of Butan-1-ol in Alkali., Materials Chemistry and Physics, 235, pgs: 121747.
27.	N. Chakraborty, S. Banik, A.Chakraborty, S. K. Bhattacharya, S. Das(2019)Synthesis of a novel pyrene derived perimidine and exploration of its aggregation induced emission, aqueous copper ion sensing, effective antioxidant and BSA interaction properties., Journal of Photochemistry and Photobiology A: Chemistry, 377, pgs:236- 246.
28.	Bipan Dutta, Joydeep Chowdhury(2019)Existence of dimeric hydroxylamine O-sulfonic acid: Experimental observations aided by ab initio, DFT, Car-Parrinello and Born – Oppenheimer on the fly dynamics, Chemical Physics Letters, 732, pgs: 136645.
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30.	Sarkar,M.K., Sarkar, Sangita Dey(2019)Religious Concepts of Death, International Journal of Research in Social Science, Vol :09, Issue: 6, pgs: 2029-2036.
31.	Debashis, Roy, and Mistry Kamonashish.(2019)Study of interaction and its dynamics with reference to Spotted deer and Sambar populations at spatial scales, under the influence of resource and habitat heterogeneity: a case study with special reference to Kanha and Bandhavgarh National Park.Environment and Ecology, 37(1B), pgs: 373-386.
32.	G. C. Shit, S. Maity, M. Roy and J. C. Misra,(2019)Pulsatile flow and heat transfer of blood in an overlapping vibrating atherosclerotic artery: A numerical study, Mathematics and Computers in Simulation, 166,pgs: 432-450.
33.	Dr.Sumita Das, Prakash Mukherjee & M. N. Mukherjee(2019)Intuitionistic fuzzy almost compact sets in intuitionistic fuzzy topological spaces. Ann. Univ. Oradea, fasc. Math. Vol:2,Issue: 1, pgs: 5-15.
34.	S. Malakar, and Dr. S.C.Sarkar (2019)Medical Tourism In Kolkata: A Study Based on Perception of International Patients in Private Sector Hospitals. International Journal of Research and Analytical Reviews , Volume:6, Issue:1, pgs:382-386.
35.	Samrat Sengupta(2019)Undecidable Spaces: Rethinking Caste and the Technologies of Abandonment in Manoranjan Byapari.Sanglap:Journal of Literary and Cultural Inquiry, 6(1), pgs:64-77.
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<b>2019-20</b>	
38.	Gharami,S.;Aich,K.;Ghosh,P.Patra,L.;Murmu,N.;Mondal, T. K.(2020)A fluorescent “ON–OFF–ON” switch for the selective and sequential detection of Hg <sup>2+</sup> and I <sup>-</sup> with applications in imaging using human AGS gastric cancer cells. Dalton Transactions, 49, pgs:187 – 195.
39.	Gharami,S.;Aich,K.;Ghosh,P.;Patra,L.; Murmu, N.; Mondal, T. K.(2020)A simple coumarin based “fluorescent on” probe for the selective detection of Al <sup>3+</sup> along with its application in live cell imaging via AGS cell line. Journal of Photochemistry and Photobiology A: Chemistry, 390, pgs: 112294.
40.	Mrinal Halder(2020)Banglacharayoprobadeitihaserashroy,Ebongmahua page:361.
41.	Mrinal Halder(2020)Rabindra probandhesailirproyog-Anuvobe Prachinsahitya.Ditsa, page:197.
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43.	ParthaSarathi Bhattacharya (2020)The Guhyasamajatantra and its unique approach to the Buddhist Tantric Traditions. Shabdarnav .Vol :11,Part: 2,pgs:339-344.
44.	Mistry, Kamonasish, and Debashis Roy.(2020)Species Habitat relationships of spotted deer through Geo-Spatial analysis at Kanha National park: A cluster oriented study.Eco. Env. & Cons. 26 (February Suppl. Issue), pgs: S183-S194.
45.	Mistry, Kamonasish, Biplab Biswas, Siwen Zhang, Tao Wu, Liang Zhou, Abdelfettah Benchrif, and Srimanta Gupta.(2020)GEOSS: an intelligent methodology for identifying site suitability of air sample collection.International Journal of Intelligent Systems Technologies and Applications .19(5), pgs:421-443.
46.	Samrat Sengupta(2020)Technification of Knowledge and Knowledge as Technology: the University as the Verse to Come.Rupkatha Journal on Interdisciplinary Studies in Humanities, 12(5), pgs:1-6.
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49.	Smt. Kasturi Kar(2020)Manantarar biporjoy o manab pratikriya: Anweshan, Ebongmahua,125, page: 132.
<b>2020-21</b>	
50.	Deb Kumar Halder, Marisha Chakrabarti, Pradbir Ghosh (2021)Gender difference in Mathematics perception among students of Kolkata. Research Demagogue , 8(1),Pgs:15-20.
51.	Patra,L.;Aich,K.;Gharami, S.; Mondal, T. K.(2021)Fabrication of a new

	fluorogenic probe for detection of phosgene in solution and vapor phase. Sensors and Actuators B: Chemical, 326, pgs: 1288-37.
52.	Mrinal Halder(2021)Sannashi Fakirandolon:Prakshit Banglauponyas .Chaturthabarta, Vol: XVII, page:273.
53.	Bibek Manna(2021)A Glimpse into Swami Vivekananda’s Philosophy of Religion. Shodh Sanchar, Vol: 11, No: 41, pgs: 245-249.
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57.	Sarkar, Sangita Dey,Sarkar,M.K.(2021)Acharya Brajendra Nath Seal:The Idea of Universal Religion. Scholarly Research Journals for Interdisciplinary Studies,,9(66) ,pgs.15647-15653.
58.	Utsav Chakraborty, Pradip Maiti, Tanmoy Singha, Ujjal Saren, Alapan Pal, Pa bitra Kumar Pau(2021)Effect of montmorillonite clay on the fluorescence resonance energy transfer between two cationic dyes Acridine Orange and Rhodamine B in solution, transfer between two cationic dyes Acridine Orange and Rhodamine B. Materials Today: Proceedings, 46, pgs: 6275–6285.
59.	Roy, Debashis, and Kamonashish Mistry.(2021)Interpretation of species habitat relationship and animal interaction through remote sensing with reference to spotted deer and langur population in Kanha National Park, India. Eco. Env. & Cons., 27 (1), pgs: 159-167.
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82.	Maiti, P., Sarkar, S., Singha, T., Dutta Roy, S., Mahato, M, Karmakar, P., Paul, S., Paul, P. K., (2023)Enhancement of Fluorescence Mediated by Silver Nanoparticles: Implications for Cell Imaging, <i>Langmuir</i> , 39(19), pgs: 6713–6729
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