

Table 1: Data from Scopus (2017-18)

Title of the paper	Name of the Authors	Title of the journals	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations
Green synthesized silver nanoparticles destroy multidrug resistant bacteria via reactive oxygen species mediated membrane damage	Das B., Dash S.K., Mandal D., Ghosh T., Chattopadhyay S., Tripathy S., Das S., Dey S.K., Das D., Roy S.	Arabian Journal of Chemistry	2017	52	Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721 102, India; Dept. of Chemistry, University of Calcutta, 92, A. P. C. Road, Kolkata, 700 009, India; Dept. of Physiology, Santal Bidroha Sardha Satabarsiki Mahavidyalaya, Goaltore, Paschim Midnapore West Bengal 711 221, India	49
Reduced Graphene Oxide α -Zinc Sulfide Composite for Solar Light Responsive Photo Current Generation and Photocatalytic 4-Nitrophenol Reduction	Ibrahim S., Chakrabarty S., Ghosh S., Pal T.	ChemistrySelect	2017	21	Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Midnapore College, Midnapore, 721101, India	15
Fuzzy \bar{I}^* -tolerance competition graphs	Pramanik T., Samanta S., Sarkar B., Pal M.	Soft Computing	2017	16	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India; Dept. of Industrial & Management Engineering, Hanyang University, Ansan Gyeonggi-do, 426 791, South Korea; Dept. of Mathematics, Joykrishnapur High School (H.S.), Tamluk, 721649, India	7
Product of intuitionistic fuzzy graphs and degree	Sahoo S., Pal M.	Journal of Intelligent and Fuzzy Systems	2017	15	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	4
Synthesis of an efficient Pyrene based AIE active functional material for selective sensing of 2,4,6-trinitrophenol	Shyamal M., Maity S., Mazumdar P., Sahoo G.P., Maity R., Misra	Journal of Photochemistry and Photobiology A: Chemistry	2017	14	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, W.B. 721102, India	13

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Intuitionistic fuzzy tolerance graphs with application	Sahoo S., Pal M.	Journal of Applied Mathematics and Computing	2017	13	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India	3
Butea monosperma bark extract mediated green synthesis of silver nanoparticles: Characterization and biomedical applications Butea monosperma bark extract mediated green synthesis of silver nanoparticles	Pattanayak S., Mollick M.M.R., Maity D., Chakraborty S., Dash S.K., Chattopadhyay S., Roy S., Chattopadhyay D., Chakraborty M.	Journal of Saudi Chemical Society	2017	13	Dept. of Chemistry, West Bengal State University, Barasat, Kolkata, West Bengal 700126, India; Dept. of Polymer Science & Technology, University of Calcutta, 92, A.P.C. Road, Kolkata, West Bengal 700009, India; Dept. of Microbiology, Sammilani Mahavidyalaya, Baghajatin, E.M. Bypass, Santoshpur, Kolkata, West Bengal 700094, India; Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721 102, India	12
One step synthesis of functionalized carbon dots for the ultrasensitive detection of Escherichia coli and iron (III)	Chandra S., Mahto T.K., Chowdhuri A.R., Das B., Sahu S.K.	Sensors and Actuators, B: Chemical	2017	12	Dept. of Applied Chemistry, Indian Institute of Technology (ISM), Dhanbad, Jharkhand 826004, India; Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore 721102, India	10
Aggregation induced emission enhancement from antipyrine-based schiff base and its selective sensing towards picric acid	Maity S., Shyamal M., Das D., Mazumdar P., Sahoo G.P., Misra A.	Sensors and Actuators, B: Chemical	2017	11	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore West Bengal. 721 102, India	8
Green synthesis of silver nanoparticles using Pongamia pinnata seed: Characterization, antibacterial property, and spectroscopic investigation of interaction with human serum albumin	Beg M., Maji A., Mandal A.K., Das S., Aktara M.N., Jha P.K., Hossain M.	Journal of Molecular Recognition	2017	11	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, 721302, India	9
Comparison of GIS-based interpolation methods for spatial distribution of soil organic carbon (SOC)	Bhunia G.S., Shit P.K., Maiti R.	Journal of the Saudi Society of Agricultural Sciences	2018	10	Bihar Remote Sensing Application Center, IGSC-Planetarium, Adalatganj, Bailey Road, Patna, Bihar 800001, India; Dept. of Geography, Raja N.L. Khan Women's	9

					College, Gope Palace, Medinipur, West Bengal 721102, India; Dept. of Geography and Environment Management, Vidyasagar University, Medinipur, West Bengal 721102, India	
Conic scalarization approach to solve multi-choice multi-objective transportation problem with interval goal	Roy S.K., Maity G., Weber G.W., Gök S.Z.A.	Annals of Operations Research	2017	10	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India; Institute of Applied Mathematics, Middle East Technical University, Ankara, 06800, Turkey; Dept. of Mathematics, Faculty of Arts and Science, Suleyman Demirel University, Isparta, 32260, Turkey	4
Synergistic effect of zinc selenide-reduced graphene oxide towards enhanced solar light-responsive photocurrent generation and photocatalytic 4-nitrophenol degradation	Chakraborty K., Chakrabarty S., Pal T., Ghosh S.	New Journal of Chemistry	2017	10	Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102 WB, India; Dept. of Physics, Midnapore College, Midnapore, 721101 WB, India	6
Single-Ion Magnetic Behavior in CoII-CoIII Mixed-Valence Dinuclear and Pseudodinuclear Complexes	Manna S., Bhunia A., Mistri S., Vallejo J., Zangrando E., Puschmann H., Cano J., Manna S.C.	European Journal of Inorganic Chemistry	2017	10	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Institut de Ciència Molecular (ICMol), Universitat de València, Paterna, Valencia 46980, Spain; Dept. of Chemical and Pharmaceutical Sciences, University of Trieste, Trieste, 34127, Italy; Dept. of Chemistry, University of Durham, South Road, Durham, DH1 3LE, United Kingdom; Fundació General de la Universitat de València (FGUV), Universitat de València, Paterna, València 46980, Spain	7
Aggregation induced emission based α -off fluorescent chemosensor for selective and swift sensing of mercury (II) ions in water	Shyamal M., Maity S., Maity A., Maity R., Roy S., Misra A.	Sensors and Actuators, B: Chemical	2018	9	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, W.B. 721102, India	9
Imperfect production inventory model with production rate dependent defective rate and advertisement dependent demand	Manna A.K., Dey J.K., Mondal S.K.	Computers and Industrial Engineering	2017	9	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB 721102, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, WB	4

					721628, India	
Reduced Graphene Oxide - Zinc Phthalocyanine Composites as Fascinating Material for Optoelectronic and Photocatalytic Applications	Das P., Chakraborty K., Chakrabarty S., Ghosh S., Pal T.	ChemistrySelect	2017	9	Dept. of Physics, Midnapore College, Midnapore, 721101, India; Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India	8
The crucial role and regulations of miRNAs in zebrafish development	Bhattacharya M., Sharma A.R., Sharma G., Patra B.C., Nam J.-S., Chakraborty C., Lee S.-S.	Protoplasma	2017	9	Aquaculture Research Unit, Dept. of Zoology, Vidyasagar University, Midnapore, West Bengal 721102, India; Institute for Skeletal Aging & Orthopedic Surgery, Hallym University-Chuncheon Sacred Heart Hospital, Chuncheon, 200704, South Korea; Amity Institute of Nanotechnology, Amity University Uttar Pradesh, Noida, 201313, India; Dept. of Bio-informatics, School of Computer and Information Sciences, Galgotias University, Greater Noida, 201306, India; Dept. of Orthopedic Surgery, Hallym University Hospital-College of Medicine, Chuncheon-si, Gangwon-do 200-704, South Korea	4
Spectroscopic interaction study of human serum albumin and human hemoglobin with Mersilea quadrifolia leaves extract mediated silver nanoparticles having antibacterial and anticancer activity	Maji A., Beg M., Mandal A.K., Das S., Jha P.K., Kumar A., Sarwar S., Hossain M., Chakrabarti P.	Journal of Molecular Structure	2017	8	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore West Bengal 721102, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Uttar Dinajpur West Bengal 733134, India; School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, West Bengal 721302, India; ANMOL Laboratory, Dept. of Biotechnology, University of North Bengal West Bengal 734013, India; Dept. of Biochemistry, Bose Institute, P1/12 CIT Scheme VIIM, Kolkata, West Bengal 700054, India	6
A profit maximizing solid transportation model under a rough interval approach	Das A., Bera U.K., Maiti M.	IEEE Transactions on Fuzzy Systems	2017	8	Dept. of Mathematics, National Institute of Technology Agartala, Agartala, 799046, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India	1
A solid transportation model with product blending and parameters	Kundu P., Kar M.B., Kar S.,	Soft Computing	2017	8	Dept. of Mathematics and Statistics, IISER Kolkata, Mohanpur, 741252, India; Dept. of	5

as rough variables	Pal T., Maiti M.				Computer Science, Heritage Institute of Technology, Kolkata, 700107, India; Dept. of Mathematics, National Institute of Technology (NIT), Durgapur, 713209, India; Dept. of Computer Science and Engineering, National Institute of Technology (NIT), Durgapur, 713209, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapur, 721102, India	
Desertification in western Rajasthan (India): an assessment using remote sensing derived rain-use efficiency and residual trend methods	Kundu A., Patel N.R., Saha S.K., Dutta D.	Natural Hazards	2017	8	Dept. of Soil, Water, Land Engineering and Management, Sam Higginbottom Institute of Agriculture, Technology and Sciences, Allahabad, Uttar Pradesh, India; Centre of Atmosphere, Ocean and Space Studies, University of Allahabad, Allahabad, Uttar Pradesh, India; Indian Institute of Remote Sensing, Indian Space Research Organisation, Dehradun, Uttarakhand, India; Centre for Space Science and Technology Education in Asia and the Pacific, Dehradun, Uttarakhand, India; Dept. of Remote Sensing and GIS, Vidyasagar University, Midnapore, West Bengal, India	7
Nanoarchitectures by hierarchical self-assembly of ursolic acid: entrapment and release of fluorophores including anticancer drug doxorubicin	Bag B.G., Das S., Hasan S.N., Chandan Barai A.	RSC Advances	2017	8	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	4
Nitrogen-rich carbon nano-onions for oxygen reduction reaction	Chatterjee K., Ashokkumar M., Gullapalli H., Gong Y., Vajtai R., Thanikaivelan P., Ajayan P.M.	Carbon	2018	7	Dept. of Material Science and NanoEngineering, Rice University, Houston, TX 77005, United States; Dept. of Physics and Technophysics, Vidyasagar University, Midnapore 721102, India; Advanced Materials Laboratory, CSIR-Central Leather Research Institute, Adyar, Chennai, 600020, India	7
Study of the interaction of human serum albumin with Alstonia scholaris leaf extract-mediated silver nanoparticles having bactericidal property	Maji A., Beg M., Mandal A.K., Das S., Jha P.K., Hossain M.	Process Biochemistry	2017	7	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore West Bengal 721102, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Uttar Dinajpur West Bengal 733134, India; School of Medical Science and Technology, Indian	5

					Institute of Technology, Kharagpur, West Bengal 721302, India	
Photocatalytic and Antibacterial Performance of $\text{I}^{\pm}\text{-Fe}_2\text{O}_3$ Nanostructures	Jana T.K., Pal A., Mandal A.K., Sarwar S., Chakrabarti P., Chatterjee K.	ChemistrySelect	2017	7	Dept of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Raiganj, 733134, India; Dept. of Biochemistry, Bose Institute, Kolkata, 700054, India	5
Multi-objective two-stage grey transportation problem using utility function with goals	Roy S.K., Maity G., Weber G.-W.	Central European Journal of Operations Research	2017	6	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India; Institute of Applied Mathematics, Middle East Technical University, Ankara, 06800, Turkey	2
Structural characterization and antioxidant activity of a glucan from <i>Meripilus giganteus</i>	Maity P., Nandi A.K., Manna D.K., Pattanayak M., Sen I.K., Bhanja S.K., Samanta S., Panda B.C., Paloi S., Acharya K., Islam S.S.	Carbohydrate Polymers	2017	6	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Molecular and Applied Mycology and Plant Pathology Laboratory, Dept. of Botany, University of Calcutta, 35, Ballygunge Circular Road, Kolkata, West Bengal 700019, India	6
Multi-item EPQ model with learning effect on imperfect production over fuzzy-random planning horizon	Manna A.K., Das B., Dey J.K., Mondal S.K.	Journal of Management Analytics	2017	6	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB 721102, India; Dept. of Mathematics, Sidho-Kanho-Birsha University, Purulia, WB, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, WB 721628, India	2
Minimizing cost and time through single objective function in multi-choice interval valued transportation problem	Roy S.K., Maity G.	Journal of Intelligent and Fuzzy Systems	2017	6	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India	1
Analysis of triangular intuitionistic fuzzy matrix games using robust ranking	Bhaumik A., Roy S.K., Li D.-F.	Journal of Intelligent and Fuzzy Systems	2017	6	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, India; School of Economics and Management, Fuzhou University, Fuzhou, Fujian, 350108, China	2

Covering and paired domination in intuitionistic fuzzy graphs	Sahoo S., Pal M., Rashmanlou H., Borzooei R.A.	Journal of Intelligent and Fuzzy Systems	2017	6	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India; Young Researchers and Elite Club, Central Tehran Branch, Islamic Azad University, Tehran, Iran; Dept. of Mathematics, Shahid Beheshti University, Tehran, Iran	4
Evaluation of soil loss estimation using the RUSLE model and SCS-CN method in hillslope mining areas	Kayet N., Pathak K., Chakrabarty A., Sahoo S.	International Soil and Water Conservation Research	2018	5	Dept. of Mining Engineering, Indian Institute of Technology, Kharagpur, India; Dept. of Remote Sensing & GIS, Vidyasagar University, Midnapore, India; School of Water Resources, Indian Institute of Technology Kharagpur, India	3
Spectroscopic investigation on interaction of biogenic, Croton bonplandianum leaves extract mediated potential bactericidal silver nanoparticles with human hemoglobin and human serum albumin	Beg M., Maji A., Mandal A.K., Das S., Jha P.K., Hossain M.	Journal of Biomolecular Structure and Dynamics	2018	5	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, West Bengal 721302, India	4
Genus value of m-polar fuzzy graphs	Mandal S., Sahoo S., Ghorai G., Pal M.	Journal of Intelligent and Fuzzy Systems	2018	5	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India	2
Analysis of inventory control model with shortage under time-dependent demand and time-varying holding cost including stochastic deterioration	Pervin M., Roy S.K., Weber G.-W.	Annals of Operations Research	2018	5	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India; Institute of Applied Mathematics, Middle East Technical University, Ankara, 06800, Turkey	3
Mean and CV reduction methods on Gaussian type-2 fuzzy set and its application to a multilevel profit transportation problem in a two-stage supply chain network	Jana D.K., Pramanik S., Maiti M.	Neural Computing and Applications	2017	5	Dept. of Applied Science, Haldia Institute of Technology, Haldia, Purba Midnapur, West Bengal 721657, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India	1
A supply chain with variable demand under three level trade credit policy	Pramanik P., Maiti M.K., Maiti M.	Computers and Industrial Engineering	2017	5	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, Paschim-Medinipur West Bengal 721102, India; Dept. of Mathematics, Mahishadal Raj College,	3

					Mahishadal, Purba-Medinipur West Bengal 721628, India	
Structural elucidation and immunostimulating property of a novel polysaccharide extracted from an edible mushroom <i>Lentinus fusipes</i>	Manna D.K., Maity P., Nandi A.K., Pattanayak M., Panda B.C., Mandal A.K., Tripathy S., Acharya K., Sahoo A.K., Gupta N., Roy S., Islam S.S.	Carbohydrate Polymers	2017	5	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721102, India; Molecular and Applied Mycology and Plant Pathology Laboratory, Dept. of Botany, University of Calcutta, 35, Ballygunge Circular Road, Kolkata, West Bengal 700019, India; Regional Plant Resource Centre, Bhubaneswar, Odisha 751015, India	4
One-pot synthesis of multifunctional nanoscale metal-organic frameworks as an effective antibacterial agent against multidrug-resistant <i>Staphylococcus aureus</i>	Chowdhuri A.R., Das B., Kumar A., Tripathy S., Roy S., Sahu S.K.	Nanotechnology	2017	5	Dept. of Applied Chemistry, Indian Institute of Technology (ISM), Dhanbad, Jharkhand, 826004, India; Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, 721102, India	4
Modular and homomorphic product of intuitionistic fuzzy graphs and their degree	Sahoo S., Pal M.	International Journal of Computing Science and Mathematics	2017	5	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	4
1D, 2D, and 2D Parallel Interpenetrated Dicarboxylato Bridged Co(II) Metal Organic Frameworks: Synthesis, Crystal Structure, Fluorescence Sensing and Band Gap Calculation	Mistri S., Zangrando E., Vojtášek P., Manna S.C.	ChemistrySelect	2017	5	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemical and Pharmaceutical Sciences, University of Trieste, Trieste, 34127, Italy; Dept. of Inorganic Chemistry, Charles University in Prague, Hlavova 2030/8, Prague 2, 128 43, Czech Republic	4
New Silver(I) Coordination Polymers with Hetero Donor Ligands: Synthesis, Structure, Luminescence Study and Photo-Catalytic Behavior	Kulovi S., Dalbera S., Das S., Zangrando E., Puschmann H., Dalai S.	ChemistrySelect	2017	5	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemical and Pharmaceutical Sciences, University of Trieste, Trieste, 34127, Italy; Dept. of Chemistry, Durham	1

					University, Darham, DH13LE, United Kingdom	
Intramolecular macrolactonization, photophysical and biological studies of new class of polycyclic pyrrole derivatives	Mondal S.K., Mandal A., Manna S.K., Ali S.A., Hossain M., Venugopal V., Jana A., Samanta S.	Organic and Biomolecular Chemistry	2017	5	Dept. of Chemistry, Bidhannagar College, Kolkata, 700064, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Centre for Chemical Biology, CSIR-Indian Institute of Chemical Technology, Hyderabad, 500007, India; Division of Natural Product Chemistry, CSIR-Indian Institute of Chemical Technology, Hyderabad, 500007, India; Academy of Scientific and Innovative research (AcSIR), CSIR-Indian Institute of Chemical Technology, Hyderabad, 500007, India	3
Significant enhancement of power conversion efficiency of dye-sensitized solar cells by the incorporation of TiO ₂ @Au nanocomposite in TiO ₂ photoanode	Bhardwaj S., Pal A., Chatterjee K., Rana T.H., Bhattacharya G., Roy S.S., Chowdhury P., Sharma G.D., Biswas S.	Journal of Materials Science	2018	4	Dept. of Physics, The LNM Institute of Information Technology, Jamdoli, Jaipur, 302031, India; Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, School of Natural Sciences, Shiv Nadar University, Gautam Buddha Nagar, Uttar Pradesh 201314, India; Jaypee Institute of Information Technology, Noida, 201 307, India	2
Defuzzification and application of trapezoidal type-2 fuzzy variables to green solid transportation problem	Das A., Bera U.K., Maiti M.	Soft Computing	2018	4	Dept. of Mathematics, National Institute of Technology Agartala, Jirania, West Tripura 799046, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, West Bengal 721102, India	1
Gel-Emulsion Properties of Nontoxic Nicotinic Acid-Derived Glucose Sensor	Roy A., Roy S., Pradhan A., Maiti Choudhury S., Ranjan Nayak R.	Industrial and Engineering Chemistry Research	2018	4	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Paschim, Medinipur, 721 102, India; Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, 721 102, India; Lipid Science and Technology Division, Indian Institute of Chemical Technology, Hyderabad, Telangana, 500 007, India	3
Magnetic and electric properties of Ni-doped ZnO nanoparticles exhibit diluted magnetic semiconductor in nature	Samanta A., Goswami M.N., Mahapatra P.K.	Journal of Alloys and Compounds	2018	4	Dept. of Physics & Techno-Physics, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Physics, Midnapore College, Midnapore, West Bengal	3

					721101, India; Dept. of Physics, ITER, SOA University, Bhubaneswar, Odisha 751030, India	
Certain types of edge irregular intuitionistic fuzzy graphs	Sahoo S., Pal M.	Journal of Intelligent and Fuzzy Systems	2018	4	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	0
Enhanced biodegradation of mixed PAHs by mutated naphthalene 1,2-dioxygenase encoded by Pseudomonas putida strain KD6 isolated from petroleum refinery waste	Dutta K., Shityakov S., Das P.P., Ghosh C.	3 Biotech	2017	4	Microbiology and Immunology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore-721 102, Midnapore, West Bengal, India; Dept. of Anaesthesia and Critical Care, University of Würzburg, Würzburg, Germany	4
Urban expansion and wetland shrinkage estimation using a GIS-based model in the East Kolkata Wetland, India	Mondal B., Dolui G., Pramanik M., Maity S., Biswas S.S., Pal R.	Ecological Indicators	2017	4	Center for the Study of Regional Development, Jawaharlal Nehru University, New Delhi, India; Dept. of Geography and Environment Management, Vidyasagar University, Midnapore West Bengal, India; The Centre for International Politics, Organization and Disarmament, Jawaharlal Nehru University, New Delhi, India	3
A fuzzy multi-criteria group decision making based on ranking interval type-2 fuzzy variables and an application to transportation mode selection problem	Kundu P., Kar S., Maiti M.	Soft Computing	2017	4	Dept. of Mathematics, National Institute of Technology, Durgapur, WB 713209, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapur, 721102, India	4
Dynamic surface properties of mixed monolayers of polystyrene micro- and nanoparticles with DPPC	Bykov A.G., Gochev G., Loglio G., Miller R., Panda A.K., Noskov B.A.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2017	4	Dept. of Colloid Chemistry, St. Petersburg State University, Universitetsky pr. 26, St. Petersburg, 198504, Russian Federation; Max-Planck-Institute for Colloid and Interface Science, GolmD-14476, Germany; Institute of Physical Chemistry, Bulgarian Academy of Sciences, Sofia, 1113, Bulgaria; CNR Istituto per l'Energetica e le Interfasi, Genova, Italy; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal, India	1
A two-echelon inventory model with stock-dependent demand and variable holding cost for deteriorating items	Pervin M., Roy S.K., Weber G.W.	Numerical Algebra, Control and Optimization	2017	4	Dept. of Applied Mathematics with Oceanology, Vidyasagar University, Midnapore, West Bengal 721102, India; Institute of Applied Mathematics, Middle	3

					East Technical University, Ankara, 06800, Turkey	
A New Class of Boronic Acid-Derived Amphiphile-Based Gel Emulsions Capable of Entrapping and Releasing Vitamin B12 and Doxorubicin	Roy S., Maiti M., Roy A.	ChemistrySelect	2017	4	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Paschim Medinipur, West Bengal 721 102, India	1
A theoretical study on the linearity of the Id-T curve of a SiC MESFET for sensor application	Dutta S.	Superlattices and Microstructures	2017	4	Dept. of Electronics, Vidyasagar University, Midnapur West Bengal 721102, India; Dept. of Electronic Science, University of Calcutta, 92, A.P.C. Road, Kolkata, West Bengal 700009, India	4
MHD Flow of Cu-Al ₂ O ₃ /Water hybrid nanofluid in porous channel: Analysis of entropy generation	Das S., Jana R.N., Makinde O.D.	Defect and Diffusion Forum	2017	4	Dept. of Mathematics, University of Gour Banga, Malda, 732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa	2
Suppression of VEGF-induced angiogenesis and tumor growth by Eugenia jambolana, Musa paradisiaca, and Coccinia indica extracts	Raj M. H., Ghosh D., Banerjee R., Salimath B.P.	Pharmaceutical Biology	2017	4	Dept. of Studies in Biotechnology, Molecular Oncology Lab, University of Mysore, Mysore, India; Dept. of Bio-Medical Laboratory Science & Management, Vidyasagar University, Midnapore, West Bengal, India; Dept. of Science & Technology, Government of India, New Delhi, India	4
Effects of secondary carbon supplement on biofilm-mediated biodegradation of naphthalene by mutated naphthalene 1, 2-dioxygenase encoded by Pseudomonas putida strain KD9	Dutta K., Shityakov S., Khalifa I., Mal A., Moulik S.P., Panda A.K., Ghosh C.	Journal of Hazardous Materials	2018	3	Microbiology and Immunology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Anaesthesia and Critical Care, University of Würzburg, Würzburg, 97080, Germany; Food Technology Dept., Faculty of Agriculture, Benha University, Moshtohor, 13736, Egypt; College of Food Science and Technology, Huazhong Agricultural University, Wuhan, 430070, China; Center for Surface Science, Dept. of Chemistry, Jadavpur University, Kolkata, 700032, India	3

Protein binding, DFT/TDDFT calculation and catecholase activity of five coordinated distorted square pyramidal/trigonal bipyramidal Cu(II) complexes	Das K., Dolai S., Vojtšjek P., Manna S.C.	Polyhedron	2018	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, 721102, India; Dept. of Inorganic Chemistry, Charles University in Prague, Hlavova 2030/8, Prague 2, 128 43, Czech Republic	1
A compact study on impact of multiplicative <i>Streptococcus asper</i> inspired biogenic silver nanoparticles as effective photocatalyst, good antibacterial agent and interplay upon interaction with human serum albumin	Das S., Das A., Maji A., Beg M., Singha A., Hossain M.	Journal of Molecular Liquids	2018	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721 102, India	2
Stability and bifurcation analysis of Japanese encephalitis model with/without effects of some control parameters	Panja P., Mondal S.K., Chattopadhyay J.	Computational and Applied Mathematics	2018	3	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB 721 102, India; Agricultural and Ecological Research Unit, ISI Kolkata, 203 B.T. Road, Kolkata, India	1
“Omics” in oral cancer: New approaches for biomarker discovery	Rai V., Mukherjee R., Ghosh A.K., Routray A., Chakraborty C.	Archives of Oral Biology	2018	3	School of Medical Science and Technology, IIT Kharagpur, India; RNLKWC, Vidyasagar University, Midnapur, India; Dept. of Biotechnology, IIT Kharagpur, India; Dept. of Electrical Engineering, IIT Kharagpur, India	2
Mobilization of phenolic antioxidants from grape, apple and pitahaya residues via solid state fungal fermentation and carbohydrase treatment	Zambrano C., Kotogán A., Bencsik O., Papp T., Vágvölgyi C., Mondal K.C., Krisch J., Takš M.	LWT - Food Science and Technology	2018	3	Dept. of Microbiology, Faculty of Science and Informatics, University of Szeged, Középfásor 52, Szeged, H-6726, Hungary; MTA-SZTE “Lendület” Fungal Pathogenicity Mechanisms Research Group, University of Szeged, Középfásor 52, Szeged, H-6726, Hungary; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; Institute of Food Engineering, Faculty of Engineering, University of Szeged, Mars tór 7, Szeged, H-6724, Hungary	2
Intelligent Water Management: a Triangular Type-2 Intuitionistic Fuzzy Matrix Games Approach	Roy S.K., Bhaumik A.	Water Resources Management	2018	3	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India	2

Arjunolic acid improves the serum level of vitamin B12 and folate in the process of the attenuation of arsenic induced uterine oxidative stress	Maity M., Perveen H., Dash M., Jana S., Khatun S., Dey A., Mandal A.K., Chattopadhyay S.	Biological Trace Element Research	2018	3	Dept. of Biomedical Laboratory Science and Management, Vidyasagar University, Midnapore, West Bengal 721102, India; Clinical Nutrition and Dietetics Division, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Uttar Dinajpur West Bengal 733134, India	3
The consequence of NAC on sodium arsenite-induced uterine oxidative stress	Dash M., Maity M., Dey A., Perveen H., Khatun S., Jana L., Chattopadhyay S.	Toxicology Reports	2018	3	Dept. of Biomedical Laboratory Science and Management, Clinical Nutrition and Dietetics division (UGC Innovative Dept.), Vidyasagar University, Midnapore, West Bengal 721102, India	3
Occurrence of a novel tannase (tan BLP) in endophytic Streptomyces sp. AL1L from the leaf of Ailanthus excelsa Roxb	Roy S., Parvin R., Ghosh S., Bhattacharya S., Maity S., Banerjee D.	3 Biotech	2018	3	Microbiology and Microbial Biotechnology Laboratory, Dept. of Botany, Vidyasagar University, Midnapore, West Bengal, India; PG Dept. of Biotechnology, Oriental Institute of Science and Technology, Midnapore, West Bengal, India	1
Hollingâ€ˆTanner model with Beddingtonâ€ˆDeAngelis functional response and time delay introducing harvesting	Roy B., Roy S.K., Gurung D.B.	Mathematics and Computers in Simulation	2017	3	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B. 721102, India; Dept. of Natural Sciences (Mathematics Group), Kathmandu University Kathmandu, Nepal	2
Sensitive and robust colorimetric assay of Hg ²⁺ and S ²⁻ in aqueous solution directed by 5-sulfosalicylic acid-stabilized silver nanoparticles for wide range application in real samples	Das S., Aktara M.N., Sahoo N.K., Jha P.K., Hossain M.	Journal of Environmental Chemical Engineering	2017	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal, 721102, India; School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, 721302, India	1
The effect of Mo doping on the structural and dielectric properties of Co-Zn ferrite	Pradhan A.K., Mandal P.R., Bera K., Saha S., Nath T.K.	Physica B: Condensed Matter	2017	3	Dept. of Physics and Techno Physics, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Physics, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal 721302, India	3
Structural characterization and evaluation of prebiotic activity of	Kalidas N.R., Saminathan M.,	Food Chemistry	2017	3	Institute of Bioscience, Universiti Putra Malaysia, UPM Serdang, Selangor 43400,	3

oil palm kernel cake mannanoligosaccharides	Ismail I.S., Abas F., Maity P., Islam S.S., Manshoor N., Shaari K.				Malaysia; Dept. of Animal Science, Faculty of Agriculture, UPM Serdang, Selangor 43400, Malaysia; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore 721102 West Bengal, India; Faculty of Pharmacy, Universiti Teknologi Mara, Bandar Puncak Alam, Selangor 42300, Malaysia	
$(\hat{a}^{\wedge}, \hat{a}^{\wedge} \hat{a}^{\wedge} q)$ -bipolar fuzzy BCK/BCI-algebras	Jana C., Pal M., Saied A.B.	Missouri Journal of Mathematical Sciences	2017	3	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of pure Mathematics, Faculty of Mathematics and Computer, Shahid Bahonar University of Kerman, Kerman, Iran	1
Partial reversible data hiding scheme using (7, 4) hamming code	Jana B., Giri D., Mondal S.K.	Multimedia Tools and Applications	2017	3	Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal Pin-721102, India; Dept. of Computer Science and Engineering, Haldia Institute of Technology, Haldia, West Bengal Pin-721657, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, Pin-721102, India	2
Three level partial trade credit with promotional cost sharing	Pramanik P., Maiti M.K., Maiti M.	Applied Soft Computing Journal	2017	3	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, Paschim-Medinipur, West Bengal 721102, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, Purba-Medinipur, West Bengal 721628, India	2
Surface modification minimizes the toxicity of silver nanoparticles: an in vitro and in vivo study	Das B., Tripathy S., Adhikary J., Chattopadhyay S., Mandal D., Dash S.K., Das S., Dey A., Dey S.K., Das D., Roy S.	Journal of Biological Inorganic Chemistry	2017	3	Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemistry, Calcutta University, Kolkata, West Bengal, India; Dept. of Physiology, Santal Bidroha Sardha Satabarsiki Mahavidyalaya, Goaltore, Paschim Midnapore, West Bengal 711221, India; Dept. of Chemical Sciences, Ariel University, Ariel, Israel; Dept. of Physiology, Michigan State University, East Lansing, MI 48824, United States	3

An inventory model under development cost-dependent imperfect production and reliability-dependent demand	Khara B., Dey J.K., Mondal S.K.	Journal of Management Analytics	2017	3	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB, India; Dept. of Mathematics, Mahishadal Raj Collge, Purba Medinipur, WB, India	2
Molecular binding of toxic phenothiazinium derivatives, azures to bovine serum albumin: A comparative spectroscopic, calorimetric, and in silico study	Das S., Islam M.M., Jana G.C., Patra A., Jha P.K., Hossain M.	Journal of Molecular Recognition	2017	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal, India; Dept. of Chemistry, Aliah University, Kolkata, West Bengal, India; SMST, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, India	2
Video traffic analytics for large scale surveillance	Kanrar S., Mandal N.K.	Multimedia Tools and Applications	2017	3	Vehere Interactive Pvt Ltd, Calcutta, West Bengal 700053, India; Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India	1
Atanassovâ€™s intuitionistic fuzzy bi-normed KU-subalgebras of a KU-algebra	Senapati T., Shum K.P.	Missouri Journal of Mathematical Sciences	2017	3	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Institute of Mathematics, Yunnan University, Kunming, 650091, China	0
Structural and magnetic characterization of three tetranuclear Cu(II) complexes with face-sharing-dicubane/double-open-cubane like core framework	Paul A., Bertolasi V., Figuerola A., Manna S.C.	Journal of Solid State Chemistry	2017	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dipartimento di Scienze Chimiche e Farmaceutiche, Centro di Strutturistica Diffraattometrica, Universit� di Ferrara, Via L. Borsari, 46, Ferrara, 44100, Italy; Departament de Qu�mica Inorg�nica i Org�nica (Secci� de Qu�mica Inorg�nica) and Institut de Nanoci�ncia i Nanotecnologia (IN2UB), Universitat de Barcelona, Mart� i Franqu�s 1-11, Barcelona, 08028, Spain	0
An intelligent hybrid algorithm for 4- dimensional TSP	Maity S., Roy A., Maiti M.	Journal of Industrial Information Integration	2017	3	Dept. of Computer Science, Vidyasagar University, Medinipur, WB 721102, India; Dept. of Computer Science, P.K. College, Contai, Purba Medinipur, WB 721401, India; Dept. of Applied Mathematics, Vidyasagar University, Medinipur, WB 721102, India	3
Polysaccharide of an edible truffle Tuber rufum: Structural studies	Pattanayak M., Samanta S.,	International Journal of	2017	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University,	2

and effects on human lymphocytes	Maity P., Manna D.K., Sen I.K., Nandi A.K., Panda B.C., Chattopadhyay S., Roy S., Sahoo A.K., Gupta N., Islam S.S.	Biological Macromolecules			Midnapore West Bengal 721102, India; Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore West Bengal 721102, India; Regional Plant Resource Centre, Bhubaneswar, Odisha 751015, India	
Nonclassicality in an atom-molecule Bose-Einstein condensate: Higher-order squeezing, antibunching and entanglement	Giri S.K., Thapliyal K., Sen B., Pathak A.	Physica A: Statistical Mechanics and its Applications	2017	3	Dept. of Physics, Panskura Banamali College, Panskura, 721152, India; Dept. of Physics, Vidyasagar University, Midnapore, 721102, India; Jaypee Institute of Information Technology, A-10, Sector-62, Noida, UP 201307, India; Dept. of Physics, Vidyasagar Teachers' Training College Midnapore 721101, India	1
Reversible watermarking scheme using PVD-DE	Pal P., Chowdhuri P., Jana B.	Communications in Computer and Information Science	2017	3	Dept. of Computer Science, Vidyasagar University, Midnapore, 721102, India	1
Proton induced green emission from AIEE active 2,2'-biquinoline hydrosol and its selective fluorescence turn-on sensing property towards Zn ²⁺ ion in water	Mazumdar P., Maity S., Das D., Samanta S., Shyamal M., Misra A.	Sensors and Actuators, B: Chemical	2017	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, W.B. 721 102, India	0
A hospital based epidemiological study of snakebite in Paschim Medinipur district, West Bengal, India	Sarkhel S., Ghosh R., Mana K., Gantait K.	Toxicology Reports	2017	3	Dept. of Human Physiology with Community Health, Vidyasagar University, Paschim Medinipur West Bengal 721102, India; Dept. of Medicine, Midnapur Medical College, Paschim Medinipur West Bengal 721102, India	0
Natural convection near a moving vertical plate with ramped heat and mass fluxes in the presence of thermal radiation	Das S., Jana R.N., Makinde O.D.	Defect and Diffusion Forum	2017	3	Dept. of Mathematics, University of Gour Banga, Malda, 732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa	1
Electrophoretic deposition of plasmonic nanocomposite for the	Bhardwaj S., Pal A.,	Indian Journal of Pure and	2017	3	Dept. of Physics, LNM Institute of Information Technology, Jaipur, 302 031,	0

fabrication of dye-sensitized solar cells	Chatterjee K., Chowdhury P., Saha S., Barman A., Rana T.H., Sharma G.D., Biswas S.	Applied Physics			India; Vidyasagar University, Midnapore, 721 102, India; Jaypee Institute of Information Technology, Noida, 201 307, India; S N Bose National Centre for Basic Sciences, Kolkata, 700 098, India	
Coordinating particle swarm optimization, ant colony optimization and k-opt algorithm for traveling salesman problem	Khan I., Maiti M.K., Maiti M.	Communications in Computer and Information Science	2017	3	Dept. of Computer Science, Chandrakon Vidyasagar Mahavidyalaya, Paschim-Medinipur West Bengal 721201, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, Purba-Medinipur, West Bengal 721628, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Paschim-Medinipur West Bengal, India	2
Structural and Magnetic Characterization of Two Tetranuclear Cu(II) Complexes with Closed-Cubane-Like Core Framework	Manna S.C., Manna S., Paul A., Zangrando E., Figuerola A., Dolai S., Das K.	ChemistrySelect	2017	3	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemical and Pharmaceutical Sciences, University of Trieste, Trieste, 34127, Italy; Departament de Química Inorgànica i Orgànica (Secció de Química Inorgànica), Universitat de Barcelona, Martí i Franquès 11, Barcelona, 08028, Spain; Institut de Nanociència i Nanotecnologia (IN2UB), Universitat de Barcelona, Martí i Franquès 11, Barcelona, 08028, Spain	1
An EPQ model with promotional demand in random planning horizon: population varying genetic algorithm approach	Manna A.K., Das B., Dey J.K., Mondal S.K.	Journal of Intelligent Manufacturing	2018	2	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB 721102, India; Dept. of Mathematics, Sidho-Kanho-Birsha University, Purulia, WB, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, WB 721628, India	1
DNA/Protein Binding, Molecular Docking and Cytotoxicity Studies of Piperazinyl-Moiety-Based Copper(II) Complexes	Mistri S., Patra A., Santra M.K., Paul D., Zangrando E., Puschmann H., Manna S.C.	ChemistrySelect	2018	2	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; National Centre for Cell Science, NCCS Complex, Pune University Campus Ganeshkhind, Pune, Maharashtra 411 007, India; Dept. of Chemical and Pharmaceutical	0

					Sciences, University of Trieste, Trieste, 34127, Italy; Dept. of Chemistry, University of Durham, South Road, Durham, DH1 3LE, United Kingdom	
Biomonitoring role of some cellular markers during heat stress-induced changes in highly representative fresh water mollusc, <i>Bellamya bengalensis</i> : Implication in climate change and biological adaptation	Dutta S.M., Mustafi S.B., Raha S., Chakraborty S.K.	Ecotoxicology and Environmental Safety	2018	2	Dept. of Zoology, Vidyasagar University, Midnapore, West Bengal, India; PG Dept. of Biological sciences, Midnapore City College, Midnapore, West Bengal, India; Dept. of Crystallography and Molecular Biology, Saha Institute of Nuclear Physics, Kolkata, West Bengal, India; Dept. of Research and Development, Burst Biologics, 3501 W Elder Street, Boise, Idaho, United States	1
Seasonal characteristics of black carbon aerosol mass concentrations and influence of meteorology, New Delhi (India)	Sharma M.C., Pandey V.K., Kumar R., Latief S.U., Chakraborty E., Acharya P.	Urban Climate	2018	2	Center for the Study of Regional Development, Jawaharlal Nehru University, New Delhi, 110067, India; Dept. of Geography and Environment Management, Vidyasagar University, Midnapore, 721102, India	2
Two layers supply chain in an imperfect production inventory model with two storage facilities under reliability consideration	Manna A.K., Dey J.K., Mondal S.K.	Journal of Industrial and Production Engineering	2018	2	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, India	1
Investigation of Structural and Electrical properties of ZnS and Mn doped ZnS nanoparticle	Bera K., Saha S., Chandra Jana P.	Materials Today: Proceedings	2018	2	Dept. of Physics and TechnoPhysics, Vidyasagar University, Midnapore, 721102, India	1
Isolation, identification and characterization of <i>Klebsiella pneumoniae</i> from infected farmed Indian Major Carp <i>Labeo rohita</i> (Hamilton 1822) in West Bengal, India	Das A., Acharya S., Behera B.K., Paria P., Bhowmick S., Parida P.K., Das B.K.	Aquaculture	2018	2	ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, West Bengal 700120, India; Dept. of Zoology, Vidyasagar University, Medinipur, West Bengal 721102, India	2
Application of Interval Type-2 Fuzzy Logic to polypropylene business policy in a petrochemical plant in India	Jana D.K., Castillo O., Pramanik S., Maiti M.	Journal of the Saudi Society of Agricultural Sciences	2018	2	Dept. of Engineering Science, Haldia Institute of Technology, Haldia, Purba Midnapur 721 657 West Bengal, India; Tijuana Institute of Technology, Tijuana, Mexico; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721 102, India	1

Prediction of power transmission coefficient and the aspect ratio of a single mode trapezoidal index fiber by using splice loss technique	Chowdhury A.R., Dutta I., Mallick A.K., Sarkar S.	Optik	2018	2	University of Calcutta, Dept. of Electronic Science, 92A.P.C. Road, Kolkata, 700009, India; University of Calcutta, Centre for Research in Nanoscience and Nanotechnology, Salt Lake, Kolkata, 700098, India; Vidyasagar University, Dept. of Electronics, Midnapore, 721102, India	0
Concept of integrity and its value of fuzzy graphs	Saravanan M., Sujatha R., Sundareswaran R., Sahoo S., Pal M.	Journal of Intelligent and Fuzzy Systems	2018	2	Dept. of Mathematics, St. Joseph's College of Engineering, Old Mahabalipuram Road, Chennai, Tamil Nadu, India; Dept. of Mathematics, SSN College of Engineering, Old Mahabalipuram Road, Chennai, Tamil Nadu, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India	1
Computation of shortest path in a vague network by euclidean distance	Rashmanlou H., Sahoo S., Borzooei R.A., Pal M., Lakdashti A.	Journal of Multiple-Valued Logic and Soft Computing	2018	2	Young Researchers and Elite Club, Central Tehran Branch, Islamic Azad University Tehran, Iran; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, Shahid Beheshti University, Tehran, Iran; Dept. of Computer Science, University College of Rouzbahan, Sari, Iran	0
L(3,2,1)- and L(4,3,2,1)-labeling problems on interval graphs	Amanathulla S., Pal M.	AKCE International Journal of Graphs and Combinatorics	2017	2	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	0
Analysis of Carcinogenic Heavy Metals in Gallstones and its Role in Gallbladder Carcinogenesis	Mondal B., Maulik D., Mandal M., Sarkar G.N., Sengupta S., Ghosh D.	Journal of Gastrointestinal Cancer	2017	2	Dept. of Bio-Medical Laboratory Science & Management, Vidyasagar University, Midnapore, 721102, India; Dept. of Pathology, Bankura Sammilani Medical College, Bankura, 722101, India; Dept. of General Surgery, Bankura Sammilani Medical College, Bankura, 722101, India; School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, 721302, India; Dept. of Community Medicine, Bankura Sammilani Medical College, Bankura, 722101, India	2

t-derivations on complicated subtraction algebras	Jana C., Senapati T., Pal M.	Journal of Discrete Mathematical Sciences and Cryptography	2017	2	Dept. of Applied Mathematics with Oceanology & Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Mathematics, Padima Janakalyan Banipith, Kukurakhupi, West Bengal 721517, India	0
Synthesis, in vitro evaluation of antibacterial, antifungal and larvicidal activities of pyrazole/pyridine based compounds and their nanocrystalline MS (M = Cu and Cd) derivatives	Mondal G., Jana H., Acharjya M., Santra A., Bera P., Jana A., Panja A., Bera P.	Medicinal Chemistry Research	2017	2	Post Graduate Dept. of Chemistry, Panskura Banamali College, Vidyasagar University, Midnapore (E), West Bengal 721152, India; Dept. of Microbiology, Panskura Banamali College, Vidyasagar University, Midnapore (E), West Bengal 721152, India	2
AC and DC electrical conductivity, dielectric and magnetic properties of $\text{Co}_{0.65}\text{Zn}_{0.35}\text{Fe}_{2x}\text{MoxO}_4$ (x = 0.0, 0.1 and 0.2) ferrites	Pradhan A.K., Saha S., Nath T.K.	Applied Physics A: Materials Science and Processing	2017	2	Dept. of Physics and Techno Physics, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Physics, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal 721302, India	1
Effects of toxicants on Phytoplankton-Zooplankton-Fish dynamics and harvesting	Panja P., Mondal S.K., Jana D.K.	Chaos, Solitons and Fractals	2017	2	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore - 721102, W.B., India; Dept. of Applied Science, Haldia Institute of Technology, Haldia, Purba Medinipur-721657, W.B., India	0
Marine fishes of West Bengal coast, India: Diversity and conservation preclusion	Kar A., Raut S.K., Bhattacharya M., Patra S., Das B.K., Patra B.C.	Regional Studies in Marine Science	2017	2	Centre For Aquaculture Research, Extension & Livelihood, Dept. of Aquaculture Management & Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Ecology and Ethology Laboratory, Dept. of Zoology, University of Calcutta, 35, Ballygunge Circular Road, Kolkata, 700019, India; ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, West Bengal 700 120, India; Sabang Sajani Kanta Mahavidyalaya, Lutunia, Paschim Medinipur, West Bengal 721 166, India	1
Interval type-2 fuzzy logic and its application to occupational safety risk performance in industries	Jana D.K., Pramanik S., Sahoo P., Mukherjee A.	Soft Computing	2017	2	Dept. of Engineering Science, Haldia Institute of Technology, Haldia, Purba Midnapur, West Bengal 721657, India; Dept. of Applied Mathematics with Oceanology and Computer Programming,	1

					Vidyasagar University, Midnapore, West Bengal 721 102, India; Dept. of Mathematics, Calcutta Institute of Technology, Banitabla, Uluberia, Howrah, West Bengal 711316, India; Dept. of Chemical Engineering, Haldia Institute of Technology, Haldia, West Bengal, India	
Electrozymographic evaluation of the attenuation of arsenic induced degradation of hepatic SOD, catalase in an in vitro assay system by pectic polysaccharides of Momordica charantia in combination with curcumin	Perveen H., Dash M., Khatun S., Maity M., Islam S.S., Chattopadhyay S.	Biochemistry and Biophysics Reports	2017	2	Dept. of Biomedical Laboratory Science and Management, Clinical Nutrition and Dietetics division, (UGC Innovative Dept.), Vidyasagar University, Midnapore, West Bengal 721 102, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	2
An integrated production-inventory model with defective item dependent stochastic credit period	Das B.C., Das B., Mondal S.K.	Computers and Industrial Engineering	2017	2	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, Jhargram Raj College, Midnapore, 721507, India	1
Impedance spectroscopy and electric modulus behavior of Molybdenum doped Cobalt-Zinc ferrite	Pradhan A.K., Nath T.K., Saha S.	Materials Research Express	2017	2	Dept. of Physics and Techno Physics, Vidyasagar University, Midnapore, West-Bengal, 721 102, India; Dept. of Physics, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, 721302, India	2
Declassification of census towns in West Bengal: Empirical evidences from Patuli, Bardhaman	Chakraborty S., Chowdhury S., Roy U., Das K.	Economic and Political Weekly	2017	2	Dept. of Geography and Environment Management, Vidyasagar University, Midnapore, India; Institute of Development Studies Kolkata, Salt Lake, Kolkata, India; Dept. of Geography, University of Calcutta, Kolkata, India; Dept. of Geography and Environment Management, Vidyasagar University, Midnapore, West Bengal, India	1
Slip Flow and Radiative Heat Transfer on a Convectively Heated Vertical Cylinder	Das S., Jana R.N., Makinde O.D.	Journal of Engineering Physics and Thermophysics	2017	2	Dept. of Mathematics, University of Gour Banga, Malda, 732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa	1
Analysis of interval programming in different environments and its application to fixed-charge	Midya S., Roy S.K.	Discrete Mathematics, Algorithms and	2017	2	Dept. of Applied Mathematics with Oceanology and Computer Programming Vidyasagar University, Midnapore, West	1

transportation problem		Applications			Bengal, 721102, India	
A production inventory model with price discounted fuzzy demand using an interval compared hybrid algorithm	Kundu A., Guchhait P., Pramanik P., Kumar Maiti M., Maiti M.	Swarm and Evolutionary Computation	2017	2	Dept. of Mathematics, NIT, Mahatma Gandhi Avenue, Durgapur, West Bengal 713209, India; Dept. of Mathematics, Vidyasagar University, Midnapore, Paschim-Medinipur, West Bengal 721102, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, Purba-Medinipur, West Bengal 721628, India	0
Biopotentiality of Bacillus cereus PB45 for nitrogenous waste detoxification in ex situ model	Barman P., Kati A., Mandal A.K., Bandyopadhyay P., Mohapatra P.K.D.	Aquaculture International	2017	2	Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Genetics and Bioengineering, Faculty of Engineering, Yeditepe University, Kayisdagi, Istanbul, 34755, Turkey; Biostadt India Limited, Poonam Chambers A Wing, 6th Floor, Dr. A.B. Road, Worli, Mumbai, Maharashtra 400018, India	0
Cytomixis with associated chromosomal anomalies and the reproduction of Chlorophytum borivilianum santapau & R. R. Fern	Mandal G.D., Nandi A.K.	Taiwania	2017	2	Dept. of Botany, Ramsaday College, Howrah, West Bengal, India; Cytogenetics and Molecular Biology Laboratory, Dept. of Botany & Forestry, Vidyasagar University, Midnapore, West Bengal 721 102, India	2
Slip flow and radiative heat transfer on a convectively heated vertical cylinder	Das S., Jana R.N., Makinde O.D.	Journal of Engineering Physics and Thermophysics	2017	2	Dept. of Mathematics, University of Gour Banga, Malda, 732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa	0
Impact of detergents on the physicochemical behavior of itraconazole loaded nanostructured lipid carriers	Bhadra A., Karmakar G., Nahak P., Chettri P., Roy B., Guha P., Mandal A.K., Nath R.K., Panda A.K.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2017	2	Dept. of Pharmaceutics, Himalayan Pharmacy Institute, Majhitar, Rangpo, East Sikkim 737136, India; Dept. of Chemistry, University of North Bengal, Darjeeling, West Bengal 734013, India; Dept. of Biotechnology, University of North Bengal, Darjeeling, West Bengal 734013, India; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemistry, Tripura University, Agartala, Tripura 799022, India; Dept. of Chemistry and Chemical	2

					Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	
Farmers' perceptions of climate change, impacts on freshwater aquaculture and adaptation strategies in climatic change hotspots: A case of the Indian Sundarban delta	Dubey S.K., Trivedi R.K., Chand B.K., Mandal B., Rout S.K.	Environmental Development	2017	2	Dept. of Aquatic Environment Management, Faculty of Fishery Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata, 700094, India; Directorate of Research, Extension and Farms, West Bengal University of Animal and Fishery Sciences, Kolkata, 700037, India; Dept. of Aquaculture Management and Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	2
Synthesis of a new pyridinyl thiazole ligand with hydrazone moiety and its cobalt(III) complex: X-ray crystallography, in vitro evaluation of antibacterial activity	Bera P., Brand P., Mondal G., Jana H., Jana A., Santra A., Bera P.	Polyhedron	2017	2	Post Graduate Dept. of Chemistry, Panskura Banamali College, Vidyasagar University, Midnapore (E) West Bengal 721152, India; Dept. of Chemistry, CICECO, University of Aveiro, Aveiro, 3810-193, Portugal; Dept. of Microbiology, Panskura Banamali College, Vidyasagar University, Midnapore (E) West Bengal 721152, India	0
Application of $(\mathbb{I}, \mathbb{I}^2)$ -soft intersectional sets on BCK/BCI-algebras	Jana C., Pal M.	International Journal of Intelligent Systems Technologies and Applications	2017	2	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	0
Elucidation of structural and functional integration of a novel antimicrobial peptide from <i>Antheraea mylitta</i>	Dutta S.R., Gauri S.S., Ghosh T., Halder S.K., Das Mohapatra P.K., Mondal K.C., Ghosh A.K.	Bioorganic and Medicinal Chemistry Letters	2017	2	Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, India; Dept. of Biotechnology, Indian Institute of Technology, Kharagpur, West Bengal, India	2
First Vesicular Self-Assembly of Crotoembraneic Acid, a Nano-Sized Fourteen Membered Macrocyclic Diterpenic Acid	Bag B.G., Barai A.C., Wijesekera K., Kittakoop P.	ChemistrySelect	2017	2	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Chulabhorn Graduate Institute, Chemical Biology Program, Chulabhorn Royal Academy, Laksi, Bangkok, 10210, Thailand; Chulabhorn Research Institute, Laksi, Bangkok, 10210, Thailand; Center of Excellence on Environmental Health and	2

					Toxicology (EHT), CHE, Ministry of Education, Thailand	
Rice-based fermented foods and beverages: Functional and nutraceutical properties	Mondal K.C., Ghosh K., Mitra B., Parua S., DasMohapatra P.K.	Fermented Foods: Part II: Technological Interventions	2017	2	Dept. of Microbiology, Vidyasagar University, Midnapore, 721102, India; Dept. of Food Science and Technology, College of Agriculture and Life Sciences, Chonbuk National University, Jeonju, Jeollabuk-do 561-756, South Korea; Dept. of Biotechnology, Fakir Mohan University, Balasore, Odisha, India; Dept. of Physiology, Bajkul Milani Mahavidyalaya, Purba Medinipur, India	0
Facile synthesis of nickel oxide thin films from PVP encapsulated nickel sulfide thin films: An efficient material for electrochemical sensing of glucose, hydrogen peroxide and photodegradation of dye	Jana S., Mondal G., Mitra B.C., Bera P., Chakraborty B., Mondal A., Ghosh A.	New Journal of Chemistry	2017	2	Dept. of Chemistry, University of Calcutta, University College of Science, 92, A. P. C. Road, Kolkata, 700009, India; Dept. of Chemistry and Physics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, 711103 WB, India; Dept. of Chemistry, Panskura Banamali College, Vidyasagar University, East Midnapur, 721152 WB, India; Dept. of Chemistry, Vivekananda Mahavidyalaya, Burdwan, 713103 WB, India	2
Computation of global reactivity descriptors and first hyper polarisability as a function of torsional angle of donor-acceptor substituted biphenyl ring system	Mandal D., Maity R., Beg H., Salgado-Morán G., Misra A.	Molecular Physics	2018	1	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, India; Departamento de Ciencias Químicas, Facultad de Ciencias Exactas, Universidad Andres Bello, Concepcion, Chile	0
Expression dynamics of miRNAs and their targets in seed germination conditions reveals miRNA-ta-siRNA crosstalk as regulator of seed germination	Sarkar Das S., Yadav S., Singh A., Gautam V., Sarkar A.K., Nandi A.K., Karmakar P., Majee M., Sanan-Mishra N.	Scientific Reports	2018	1	Plant RNAi Biology Group, International Centre for Genetic Engineering and Biotechnology, Aruna Asaf Ali Marg, New Delhi, 110067, India; National Institute of Plant Genome Research, Aruna Asaf Ali marg, New Delhi, 110067, India; Dept. of Botany and Forestry, Vidyasagar University, Midnapore, West Bengal, India	0
Evaluation of aberrant metabolism related proteins in oral submucous fibrosis: A pilot study	Rai V., Bose S., Mukherjee R., Sarbajna A., Chakraborty C.	Journal of Oral Biosciences	2018	1	School of Medical Science and Technology, IIT Kharagpur, India; Awadh Dental College and Hospital, Jamshepur, India; Raja N. L. Khan Women's College, Vidyasagar University, Midnapur, India; National	0

					Institute of Cholera and Enteric Diseases, Kolkata, India	
Synthesis, crystal structure and DNA/protein binding of tetranuclear Cu(II) complexes with a double-open-cubane like core framework	Paul A., Puschmann H., Manna S.C.	Polyhedron	2018	1	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemistry, University of Durham, South Road, Durham, DH1 3LE, United Kingdom	0
Hall effects on unsteady MHD rotating flow past a periodically accelerated porous plate with slippage	Das S., Tarafdar B., Jana R.N.	European Journal of Mechanics, B/Fluids	2018	1	Dept. of Mathematics, University of Gour Banga, Malda, 732 103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721 102, India	0
Discrete and 1D Polymeric Copper(II) Complexes of Tetranuclear Cubane-like Units: Structural and Magnetic Characterization	Manna S.C., Manna S., Mistri S., Patra A., Zangrando E., Puschmann H., Goddard P.A., Ghannadzadeh S.	ChemistrySelect	2018	1	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Pharmaceutical and Chemical Sciences, University of Trieste, Trieste, 34127, Italy; Dept. of Chemistry, University of Durham, South Road, Durham, DH1 3LE, United Kingdom; Dept. of Physics, University of Warwick, Gibbet Hill Road, Coventry, CV4 7AL, United Kingdom; Oxford Instruments Nano Science, Tubney Woods, Abingdon, Oxfordshire, OX13 5QX, United Kingdom	0
MoS ₂ -Carbon Nanotube Porous 3 D Network for Enhanced Oxygen Reduction Reaction	Lee C., Ozden S., Tewari C.S., Park O.-K., Vajtai R., Chatterjee K., Ajayan P.M.	ChemSusChem	2018	1	Dept. of Material Science and NanoEngineering, Rice University, Houston, TX 77005, United States; Materials Physics and Applications Division, Los Alamos National Laboratory, Los Alamos, NM, United States; Materials Science and Engineering, Indian Institute of Technology, Gandhinagar, Gujarat, India; Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India	1
A note on ∞ -Regular bipolar fuzzy graphs Neural Computing and Applications 21(1) (2012) 197-205	Ghorai G., Pal M.	Neural Computing and Applications	2018	1	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India	0
Reduced-Graphene-Oxide Zinc-Telluride Composite: Towards Large-Area Optoelectronic and Photocatalytic Applications	Chakraborty K., Ghosh S., Pal T.	ChemistrySelect	2018	1	Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Midnapore College, Midnapore, 721101, India	0

Assessment of microbial roles in the bioconversion of paper mill sludge through vermicomposting	Ganguly R.K., Chakraborty S.K.	Journal of Environmental Health Science and Engineering	2018	1	Dept. of Zoology, Vidyasagar University, Midnapore-West-Bengal, 721102, India	0
Forest, wetland and biodiversity: Revealing multi-faceted ecological services from ecorestoration of a degraded tropical landscape	Mallick P.H., Chakraborty S.K.	Ecohydrology and Hydrobiology	2018	1	Dept. of Zoology, Vidyasagar University Midnapore - 721102 West Bengal, India	1
Solar Light Responsive Photocatalytic Activity of Reduced Graphene Oxide@Zinc Selenide Nanocomposite	Chakraborty K., Ibrahim S., Das P., Ghosh S., Pal T.	Journal of Materials Engineering and Performance	2018	1	Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Midnapore College, Midnapore, 721101, India	1
Synthesis, structure, and biological properties of a Co(II) complex with tridentate Schiff base ligand	Jana K., Das S., Maity T., Hossain M., Chandra Debnath S., Chandra Samanta B., Seth S.K.	Journal of Coordination Chemistry	2018	1	Dept. of Chemistry, University of Kalyani, Nadia, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Paschim Medinipur, India; Dept. of Chemistry, P. K. College, Purba Medinipur, India; Dept. of Chemistry, Mugerberia Gangadhar Mahavidyalaya, Purba Medinipur, India; Dept. of Physics, Jadavpur University, Kolkata, India	1
Reversible data hiding scheme using sub-sampled image exploiting Lagrange TM s interpolating polynomial	Jana B.	Multimedia Tools and Applications	2018	1	Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Mapping the distribution of iron ore minerals and spatial correlation with environmental variables in hilltop mining areas	Kayet N., Pathak K., Chakrabarty A., Sahoo S.	Environmental Earth Sciences	2018	1	Dept. of Mining Engineering, Indian Institute of Technology, Kharagpur, India; Dept. of Remote Sensing and GIS, Vidyasagar University, Midnapore, India; School of Water Resources, Indian Institute of Technology, Kharagpur, India	0
Enhanced reducing sugar production by saccharification of lignocellulosic biomass, Pennisetum species through cellulase from a newly isolated Aspergillus fumigatus	Mohapatra S., Padhy S., Das Mohapatra P.K., Thatoi H.N.	Bioresource Technology	2018	1	Dept. of Biotechnology, College of Engineering and Technology, Biju Pattnaik University of Technology, Bhubaneswar, 751003, India; Dept. of Microbiology, Vidyasagar University, Midnapore, 721102, India; Dept. of Biotechnology, North Orissa University, Sriram Chandra vihar, Takatpur, Baripada, Odisha 757003, India	1
A method to solve linear programming problem with interval type-2 fuzzy parameters	Kundu P., Majumder S., Kar S., Maiti M.	Fuzzy Optimization and Decision Making	2018	1	Dept. of Mathematics and Statistics, Indian Institute of Science Education and Research Kolkata, Mohanpur, West Bengal 741246, India; Dept. of Computer Science and	0

					Engineering, National Institute of Technology, Durgapur, Durgapur, West Bengal 713209, India; Dept. of Mathematics with Oceanology and Computer Programming, National Institute of Technology, Durgapur, Durgapur, West Bengal 713209, India; Dept. of Applied Mathematics with Oceanology and Computer Programming Vidyasagar University, Midnapur, West Bengal 721102, India	
Nesting characteristics, floral resources, and foraging activity of <i>Trigona iridipennis</i> Smith in Bankura district of West Bengal, India	Layek U., Karmakar P.	Insectes Sociaux	2018	1	Dept. of Botany and Forestry, Vidyasagar University, Midnapore, 721102, India	1
A mathematical study of an imprecise SIR epidemic model with treatment control	Das A., Pal M.	Journal of Applied Mathematics and Computing	2018	1	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721101, India	1
Traffic analysis and control at proxy server	Kanrar S., Mandal N.K.	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018	1	Dept. of Computer Science, Vidyasagar University, Midnapour, India; Dept. of Electrical Engineering, University of Engineering and Management, Calcutta, India	1
Frequency performance of a SiC MESFET with a moderately doped buffer layer	Dutta S.	International Journal of Electronics Letters	2018	1	Dept. of Electronics, Vidyasagar University, Midnapur, West Bengal, India	0
Dual image based reversible data hiding scheme using (7,4) hamming code	Jana B., Giri D., Kumar Mondal S.	Multimedia Tools and Applications	2018	1	Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal Pin-721102, India; Dept. of Computer Science and Engineering, Haldia Institute of Technology, Haldia, West Bengal Pin-721657, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, Pin-721102, India	1
MoS ₂ -TiO ₂ nanocomposite with excellent adsorption performance and high antibacterial activity	Pal A., Jana T.K., Roy T., Pradhan A.,	ChemistrySelect	2018	1	Dept of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept of Human Physiology with	1

	Maiti R., Choudhury S.M., Chatterjee K.				Community Health, Vidyasagar University, Midnapore, 721102, India; Dept. of Electronics, Derozio Memorial College, Rajarhat Road, Kolkata, 700 136, India	
A retrospective study of clinico- epidemiological profile of snakebite related deaths at a Tertiary care hospital in Midnapore, West Bengal, India	Ghosh R., Mana K., Gantait K., Sarkhel S.	Toxicology Reports	2018	1	Dept. of Human Physiology with Community Health, Vidyasagar University, Paschim Medinipur West Bengal 721102, India; Dept. of Medicine, Midnapur Medical College, Paschim Medinipur West Bengal 721102, India	0
Bifidobacteria and its rice fermented products on diet induced obese mice: Analysis of physical status, serum profile and gene expressions	Ray M., Hor P.K., Ojha D., Soren J.P., Singh S.N., Mondal K.C.	Beneficial Microbes	2018	1	Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, 721102, India; ICMR Virus Unit, I.D. and B.G. Hospital, Dr. S.C. Banerjee Road, Beliaghata, West Bengal, 700010, India; Division of Nutrition, Defence Institute of Physiology and Allied Sciences, Lucknow Road, Timarpur, Delhi, 110054, India	1
New approach for solving intuitionistic fuzzy multi-objective transportation problem	Roy S.K., Ebrahimnejad A., Verdegay J.L., Das S.	Sadhana - Academy Proceedings in Engineering Sciences	2018	1	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, Qaemshahr Branch, Islamic Azad University, Qaemshahr, 47651-61964, Iran; Dept. of Computer Science and Artificial Intelligence, University of Granada, Granada, 18014, Spain	1
A Geo-spatial study for analysing temporal responses of NDVI to rainfall	Kundu A., Denis D.M., Patel N.R., Dutta D.	Singapore Journal of Tropical Geography	2018	1	Centre for Geospatial Technologies, Sam Higginbottom University of Agriculture, Technology and Sciences Uttar Pradesh, India; Dept. of Irrigation and Drainage Engineering, Sam Higginbottom University of Agriculture, Technology and Sciences Uttar Pradesh, India; Dept. of Agriculture and Soil, Indian Institute of Remote Sensing (ISRO) Uttarakhand, India; Dept. of Remote Sensing and GIS, Vidyasagar University West Bengal, India	1
Generalized Intuitionistic Fuzzy Ideals of BCK $\hat{\ast}$ BCI-algebras Based on 3-valued Logic and Its Computational Study	Jana C., Pal M.	Fuzzy Information and Engineering	2017	1	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	1

A cross-sectional study on water quality in relation to fish diversity of Paschim Medinipur, West Bengal, India through geoinformatics approaches	Kisku S., Chini D.S., Bhattacharya M., Kar A., Parua S., Das B.K., Patra B.C.	Egyptian Journal of Aquatic Research	2017	1	Centre For Aquaculture Research, Extension & Livelihood, Dept. of Aquaculture Management & Technology, Vidyasagar University, Midnapore 721102 West Bengal, India; ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, West Bengal 700 120, India	1
Relationship between temperament and fatness in 11-year-old children and 17-year-old adolescents from Wrocław, Poland	Kozieł S., Chakraborty R., Bose K.	HOMO- Journal of Comparative Human Biology	2017	1	Dept. of Anthropology, Hirsfeld Institute of Immunology and Experimental Therapy, Polish Academy of Science, Rudolf Weigiel 12, Wrocław, 53-114, Poland; Dept. of Anthropology, Dinabandhu Mahavidyalaya, Bongaon, West Bengal, India; Dept. of Anthropology, Vidyasagar University, Midnapore, West Bengal, India	1
Zn ₃ Sb ₄ O ₆ F ₆ : Hydrothermal synthesis, crystal structure and nonlinear optical properties	Ali S.I., Zhang W., Halasyamani P.S., Johnsson M.	Journal of Solid State Chemistry	2017	1	Dept. of Chemistry, Moyna College, Vidyasagar University, Anandapur, West Bengal 721629, India; Dept. of Chemistry, University of Houston, 112 Fleming Building, Houston, TX 77204-5003, United States; Dept. of Materials and Environmental Chemistry, Stockholm University, Stockholm, SE-106 91, Sweden	0
Progressive increase in point mutations associates chloroquine resistance: Even after withdrawal of chloroquine use in India	Das S., Tripathy S., Chattopadhyay S., Das B., Kar Mahapatra S., Hati A.K., Roy S.	International Journal for Parasitology: Drugs and Drug Resistance	2017	1	Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721 102, India; Division of Parasitology, Calcutta School of Tropical Medicine, Kolkata, West Bengal 700073, India; Dept. of Biotechnology, School of Chemical and Biotechnology, SASTRA University, Thanjavur, Tamil Nadu 613402, India	0
Application of molecular markers in plant genome analysis: a review	Adhikari S., Saha S., Biswas A., Rana T.S., Bandyopadhyay T.K., Ghosh P.	Nucleus (India)	2017	1	Cytogenetics and Plant Breeding Section, Plant Biotechnology Research Unit, Dept. of Botany, University of Kalyani, Kalyani, Nadia, West Bengal 741235, India; Cytogenetics and Plant Breeding Section, Dept. of Sericulture, Raiganj University, Uttar Dinajpur, West Bengal 733134, India; Dept. of Biotechnology, Vidyasagar University, Rangamati, Medinipur, West Bengal 721102, India; Molecular	1

					Systematics/Plant Biodiversity & Conservation Biology Division, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow, 226001, India; Dept. of Molecular Biology and Biotechnology, University of Kalyani, Kalyani, Nadia, West Bengal 741235, India	
Ameliorative role of ethyl-acetate fraction of methanolic leaf extract of <i>Camellia sinensis</i> (green tea) on streptozotocin-induced diabetes linked testicular hypofunction in albino rat: A dose-dependent biochemical and genomic transection study	Das B., Biswas B., Ghosh A., Pakhira B.P., Ghosh D.	Journal of Complementary and Integrative Medicine	2017	1	Molecular Medicine and Nutrigenomics Laboratory, Dept. of Bio-Medical Laboratory Science and Management, Vidyasagar University, Midnapore West Bengal, India; Molecular Medicine and Nutrigenomics Research Laboratory, Dept. of Bio-Medical Laboratory Science and Management, Vidyasagar University, Midnapore West Bengal, 721 102, India	1
Constrained covering solid travelling salesman problems in uncertain environment	Mukherjee A., Panigrahi G., Kar S., Maiti M.	Journal of Ambient Intelligence and Humanized Computing	2017	1	Dept. of Mathematics, National Institute of Technology Durgapur, Durgapur, West Bengal 713209, India; Dept. of Applied Mathematics, Vidyasagar university, Midnapore, West Bengal 721102, India	1
Acidophilic α -Amylase Production from <i>Aspergillus niger</i> RBP7 Using Potato Peel as Substrate: A Waste to Value Added Approach	Mukherjee R., Paul T., Soren J.P., Halder S.K., Mondal K.C., Pati B.R., Das Mohapatra P.K.	Waste and Biomass Valorization	2017	1	Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Cubic implicative ideals of BCK-algebras	Senapati T., Shum K.P.	Missouri Journal of Mathematical Sciences	2017	1	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Institute of Mathematics, Yunnan University, Kunming, 650091, China	0
Effects on prey-predator with different functional responses	Roy B., Roy S.K., Biswas M.H.A.	International Journal of Biomathematics	2017	1	Dept. of Applied Mathematics, Dept. of Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Mathematics Discipline, Science Engineering and Technology School, Khulna University, Khulna, 9208, Bangladesh	1
Association of Vitamin B12, Lactate Dehydrogenase, and Regulation of NF- κ B in the Mitigation of Sodium Arsenite-	Chattopadhyay S., Khatun S., Maity M., Jana S., Perveen H.,	Probiotics and Antimicrobial Proteins	2017	1	Dept. of Biomedical Laboratory Science and Management, Vidyasagar University, Midnapore, West Bengal 721102, India; Clinical Nutrition and Dietetics division,	0

Induced ROS Generation in Uterine Tissue by Commercially Available Probiotics	Dash M., Dey A., Jana L.R., Maity P.P.				(UGC Innovative Dept.), Vidyasagar University, Midnapore, West Bengal 721102, India	
Social exclusion and the mindscapes of caste: A study of Kendrapara district of Odisha	Malik S.K.	Marginalities in India: Themes and Perspectives	2017	1	Dept. of Political Science with Rural Administration, Vidyasagar University, Midnapore, West Bengal, India	1
L(h1, h2, \hat{a}_i , hm)-Labeling problems on circular-arc graphs	Amanathulla S., Pal M.	Far East Journal of Mathematical Sciences	2017	1	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	1
Some special fixed charge solid transportation problems of substitute and breakable items in crisp and fuzzy environments	Halder (Jana) S., Das B., Panigrahi G., Maiti M.	Computers and Industrial Engineering	2017	1	Dept. of Mathematics, Midnapore College (Autonomous) Midnapore West Bengal 721101, India; Dept. of Mathematics, Sidho Kanho Birsha University, Purulia, West Bengal 723104, India; Dept. of Mathematics, National Institute of Technology, Durgapur, West Bengal 713209, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Aspect ratio based nonlinear effects in spot size dependent propagation characteristics of trapezoidal index single mode fiber	Mallick A.K., Sarkar S.	Optik	2017	1	Dept. of Electronic Science, University of Calcutta, 92 A.P.C. Road, Kolkata, 700009, India; CRNN, University of Calcutta, JD-2, Salt Lake City, Kolkata, West Bengal 700098, India; Dept. of Electronics, Vidyasagar University, Midnapore, 721102, India	0
Representation of up-algebras in interval-valued intuitionistic fuzzy environment	Senapati T., Muhiuddin G., Shum K.P.	Italian Journal of Pure and Applied Mathematics	2017	1	Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, University of Tabuk, Tabuk, 71491, Saudi Arabia; Institute of Mathematics, Yunnan University, Kunming, 650091, China	0
Arjunolic Acid Improves the Serum Level of Vitamin B12 and Folate in the Process of the Attenuation of Arsenic Induced Uterine Oxidative Stress	Maity M., Perveen H., Dash M., Jana S., Khatun S., Dey A., Mandal A.K., Chattopadhyay S.	Biological Trace Element Research	2017	1	Dept. of Biomedical Laboratory Science and Management, Vidyasagar University, Midnapore, West Bengal 721102, India; Clinical Nutrition and Dietetics Division (Funded under UGC Innovative Programme), Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Microbiology, Vidyasagar University,	0

					Midnapore, West Bengal 721102, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Uttar Dinajpur, West Bengal 733134, India	
Solution processable RGO-CdZnS composite for solar light responsive photocatalytic degradation of 4-Nitrophenol	Ibrahim Sk., Chakraborty K., Pal T., Ghosh S.	AIP Conference Proceedings	2017	1	Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Midnapore College, Midnapore, 721101, India	1
Reduced graphene oxide-CdS nanocomposite with enhanced photocatalytic 4-Nitrophenol degradation	Chakraborty K., Ibrahim S., Das P., Ghosh S., Pal T.	AIP Conference Proceedings	2017	1	Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Midnapore College, Midnapore, 721101, India	1
Study of nutritional and antibacterial potential of some wild edible mushrooms from Gurguripal Ecoforest, West Bengal, India	Singha K., Pati B.R., Mondal K.C., Mohapatra P.K.D.	Indian Journal of Biotechnology	2017	1	Dept. of Microbiology, Vidyasagar University, Midnapore, 721102, India	1
New pyrazole based single precursor for the surfactantless synthesis of visible light responsive PbS nanocrystals: Synthesis, X-ray crystallography of ligand and photocatalytic activity	Santra A., Mondal G., Acharjya M., Bera P., Jana A., Seok S.I., Bera P.	Nano-Structures and Nano-Objects	2017	1	Post Graduate Dept. of Chemistry, Panskura Banamali College, Vidyasagar University, Panskura R.S, Midnapore (East) West Bengal 721152, India; Dept. of Chemistry, Indian Institute of Engineering Science and Technology (IIEST), Shibpur, West Bengal 711103, India; School of Energy and Chemical Engineering, Ulsan National Institute of Science and Technology, 50 UNIST-gil, Eonyang-eup, Ulju-gun, Ulsan, 44919, South Korea	1
Detailed variational analysis of single mode trapezoidal index fiber involving two simple approximations of fundamental mode with comparison relating accurate prediction of propagation characteristics	Mallick A.K., Sarkar S.	Journal of Modern Optics	2017	1	Dept. of Electronic Science, University of Calcutta, Kolkata, India; CRNN, University of Calcutta, Kolkata, India; Dept. of Electronics, Vidyasagar University, Midnapore, India	0
Infrastructure, education, and economic development in India: A state level analysis	Jana S.K., Karmakar A.K.	Social, Health, and Environmental Infrastructures for Economic Growth	2017	1	Vidyasagar University, India; Dept. of Economics, Jadavpur University, India	1
A square pyramidal copper(II) complex of a Schiff base ligand:	Jana K., Maity T., Mahapatra	Transition Metal Chemistry	2017	1	Dept. of Chemistry, Mugberia Gangadhar Mahavidyalaya, Bhupatinagar, Purba	1

synthesis, crystal structure, antibacterial and DNA interaction studies	T.S., Das Mohapatra P.K., Debnath S.C., Das S., Hossain M., Samanta B.C.				Medinipur, West Bengal 721425, India; Dept. of Chemistry, Prabhat Kumar College, Contai, Purba Medinipur, West Bengal 721401, India; Dept. of Chemistry, IIT Kharagpur, Kharagpur, West Bengal 721302, India; Dept. of Microbiology, Vidyasagar University, Paschim Medinipur, West Bengal 721301, India; Dept. of Chemistry, University of Kalyani, West Bengal, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Paschim Medinipur, West Bengal 721302, India	
Manganese(IV) complex with a polydentate Schiff base ligand: synthesis, crystal structure, TDDFT calculation, electronic absorption and EPR spectral study	Manna S., Mistri S., Bhunia A., Paul A., Zangrando E., Manna S.C.	Journal of Coordination Chemistry	2017	1	Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, India; Dept. of Pharmaceutical and Chemical Sciences, University of Trieste, Trieste, Italy	1
Eco-diversity, productivity and distribution frequency of mushrooms in Gurguripal Eco-forest, Paschim Medinipur, West Bengal, India	Singha K., Banerjee A., Pati B.R., das Mohapatra P.K.	Current Research in Environmental and Applied Mycology	2017	1	Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, 721 102, India	1
High-capacity reversible data hiding scheme using dual color image through (7, 4) hamming code	Banerjee A., Jana B.	Lecture Notes in Electrical Engineering	2017	1	Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721101, India	1
An imperfect EPQ model for deteriorating items with promotional effort dependent demand	Kundu A., Guchhait P., Panigrahi G., Maiti M.	Journal of Intelligent and Fuzzy Systems	2017	1	Dept. of Mathematics, NIT, Mahatma Gandhi Avenue, Durgapur- West Bengal, 713 209, India; Dept. of Mathematics, Vidyasagar University, Midnapore, Paschim-Medinipur, West Bengal, India	0
Screening of health beneficial microbes with potential probiotic characteristics from the traditional rice-based alcoholic beverage, haria	Ray M., Hor P.K., Singh S.N., Mondal K.C.	Acta Biologica Szegeadiensis	2017	1	Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, 721102, India; Division of Nutrition, Defence Institute of Physiology and Allied Sciences, Delhi, 110054, India	0
Higher-order quantum dynamics of a generic quadratically-coupled optomechanical system: Entanglement, antibunching and spin squeezing	Mukherjee K., Jana P.C.	Optica Applicata	2017	1	Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Government General Degree College, Gopiballavpur-II, 721517, India	1

Male contraceptive efficacy of poly herbal formulation, contracept-tm, composed of aqueous extracts of terminalia chebula fruit and musa balbisiana seed in rat	Ghosh A., Pakhira B.P., Tripathy A., Ghosh D.	Pharmaceutical Biology	2017	1	Nutrigenomics & Molecular Medicine Laboratory, Dept. of Bio-Medical Laboratory Science and Management, Vidyasagar University, Midnapore, India	0
Ordering and transfer policy and variable deterioration for a warehouse model	Sarkar B., Saren S.	Hacettepe Journal of Mathematics and Statistics	2017	1	Dept. of Industrial, Management Engineering, Hanyang University, Ansan, Gyeonggi-do 426 791, South Korea; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India	1
A reduced set of features for chronic kidney disease prediction	Misir R., Mitra M., Samanta R.	Journal of Pathology Informatics	2017	1	Dept. of Computer Science, Vidyasagar University, Medinipur, India; Dept. of Computer Science and Application, Expert Systems Laboratory, University of North Bengal, Darjeeling, West Bengal, 734013, India	0
Optimal control problem for an imperfect production process using fuzzy variational principle	Roul J.N., Maity K., Kar S., Maiti M.	Journal of Intelligent and Fuzzy Systems	2017	1	Patha Bhavana, Visva-Bharati, Santiniketan, W.B., 731235, India; Dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya, Purba Medinipur, W.B., India; Dept. of Mathematics, National Institute of Technology, Durgapur, W.B., India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B., India	1
Effect of a three-component bacterial consortium in white shrimp farming for growth, survival and water quality management	Barman P., Raut S., Sen S.K., Shaikh U., Bandyopadhyay P., Mohapatra P.K.D.	Acta Biologica Szegediensis	2017	1	Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, India; Gandhi Institute of Engineering and Technology, Gunupur, Rayagada, Odisha, India; In Gene Research Lab, Biostadt India Ltd., Waluj, Aurangabad, Maharashtra, India; Biostadt India Ltd., Worli, Mumbai, Maharashtra, India	0
Expression of a nitric oxide synthesizing protein in arterial endothelial cells in response to different anti-anginal agents used in acute coronary syndromes	Bank S., Jana P., Girish G.Gv., Sinha A.K., Maiti S.	Protein and Peptide Letters	2017	1	Cell and Molecular Therapeutic Lab, Dept. of Biochemistry, Vidyasagar University, Midnapur, 721102, India; Dept. of Botany, University of Calcutta, West Bengal, 700019, India; Sinha Institute of Medical Science and Technology, Garia, Kolkata, 700084, India	1
Diabetes-induced testicular dysfunction correction by	Maiti R., Karak P., Misra D.S.,	International Journal of Green	2017	1	Dept. of Physiology, Ramananda College, Bishnupur, Bankura, West Bengal, India;	1

hydromethanolic extract of <i>Tamarindus indica</i> Linn. seed in male albino rat	Ghosh D.	Pharmacy			Dept. of Bio-Medical Laboratory Science and Management, U.G.C Innovative Dept., Vidyasagar University, Midnapore, West Bengal, India; Dept. of Physiology, Bankura Christian College, Bankura, West Bengal, 722 101, India	
Synthesis and optical absorption properties of copper oxide nanoparticles for applications in transparent surface coatings and solar cells	Samanta P.K., Das M., Hati R., Patra M., Khatun A., Patra S., Jana S., Kar B.S., Mandal S., Mandal A.K., Aich D., Saha S., Kamilya T., Mishra S.	Journal of Nano-and Electronic Physics	2017	1	Post Graduate Dept. of Physics, Prabhat Kumar College, Contai, 721401, India; Post Graduate Dept. of Physics, Panskura Banamali College, Panskura, 721152, India; School of Basic Science and Humanities, IEM, Kolkata, 700098, India; Dept. of Physics, Kharagpur College, Paschim Medinipur, India; Dept. of Physics and Techno-physics, Vidyasagar University, Midnapore, India; Dept. of Physics, Narajole Raj College, Narajole, 721101, India; School of Applied Sciences, Haldia Institute of Technology, Haldia, Purba Medinipur, India	1
Therapeutic applications of zebrafish (<i>Danio rerio</i>) miRNAs linked with human diseases: A prospective review	Bhattacharya M., Ghosh S., Malick R.C., Patra B.C., Das B.K.	Gene	2018		ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, West Bengal 700 120, India; Centre For Aquaculture Research, Extension & Livelihood, Dept. of Aquaculture Management & Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Future scenarios of land-use suitability modeling for agricultural sustainability in a river basin	Sahoo S., Sil I., Dhar A., Debsarkar A., Das P., Kar A.	Journal of Cleaner Production	2018		Faculty of Interdisciplinary Studies, Law & Management, Jadavpur University, Kolkata, India; Dept. of Remote Sensing & GIS, Vidyasagar University, India; Dept. of Civil Engineering, IIT Kharagpur, Kharagpur, India; Dept. of Civil Engineering, Jadavpur University, Kolkata, India; Center for Oceans, Rivers, Atmosphere and Land Science, IIT Kharagpur, Kharagpur, India; Central Ground Water Board, Kolkata, India	0
Attenuation of utero-toxicity, metabolic dysfunction and inflammation by soy protein concentrate in rats exposed to fluoridated water: consequence of hyperlipidemia in parallel with hypohomocysteinemia	Jana L., Maity P.P., Perveen H., Dash M., Jana S., Dey A., De S.K., Chattopadhyay S.	Environmental Science and Pollution Research	2018		Dept. of Biomedical Laboratory Science and Management, and Clinical Nutrition and Dietetics division (UGC Innovative Dept.), Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Zoology, Vidyasagar University, Midnapore, West Bengal 721102, India	0

Entropy generation analysis of mhd slip flow of non-newtonian Cu-casson nanofluid in a porous microchannel filled with saturated porous medium considering thermal radiation	Das S., Sarkar S., Jana R.N.	Journal of Nanofluids	2018		Dept. of Mathematics, University of Gour Banga, Malda 732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India	0
Directional PVO for reversible data hiding scheme with image interpolation	Meikap S., Jana B.	Multimedia Tools and Applications	2018		Dept. of Computer Science, Hijli College, Paschim Medinipur, West Bengal Pin-721306, India; Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal Pin-721102, India	0
Spatial characterization of commercial fishing catch rate of Tenualosa ilisha in Hooghly-Matlah estuary of India: A geostatistical appraisal	Sahu S.K., Bandyopadhyay J., Naskar M.	Indian Journal of Geo-Marine Sciences	2018		ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, 700120, India; Dept. of Remote Sensing & GIS, Vidyasagar University, Paschim Medinipur, Midnapore, West Bengal 721102, India	0
Hall effects on magnetohydrodynamics flow of nanofluids due to non-coaxial rotation of a porous disk and a fluid at infinity	Das S., Tarafdar B., Jana R.N.	Journal of Nanofluids	2018		Dept. of Mathematics, University of Gour Banga, Malda, 732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India	0
Study on centrality measures in social networks: a survey	Das K., Samanta S., Pal M.	Social Network Analysis and Mining	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, Tamralipta Mahavidyalaya, Tamluk, 721636, India	0
Multi-Objective Fixed-Charge Transportation Problem with Random Rough Variables	Roy S.K., Midya S., Yu V.F.	International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West-Bengal, 721102, India; Dept. of Industrial Management, National Taiwan University of Science and Technology, Keelung Road, 43, Section 4, Taipei, 10607, Taiwan	0
Length-weight relationship of nine Clupeiform fish species from the Digha coast, West Bengal, India	Bhattacharya M., Kar A., Chini D.S., Malick R.C., Patra B.C., Patra S., Das B.K.	Journal of Applied Ichthyology	2018		ICAR-Central Inland Fisheries Research Institute, Kolkata, West Bengal, India; Centre for Aquaculture Research, Extension and Livelihood, Dept. of Aquaculture Management and Technology, Vidyasagar University, Midnapore, West Bengal, India; Sabang Sajanikanta Mahavidyalaya, Paschim Medinipur, West Bengal, India	0
Mapping rice cropping system in the lower gangetic plain using	Maiti A., Acharya P.	International Archives of the	2018		Dept. of Geography and Environment, Vidyasagar University, Midnapore, India	0

Landasat 8 (OLI) and modis imagery		Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives				
Evidence of artemisinin-resistant plasmodium falciparum malaria in eastern India	Das S., Saha B., Hati A.K., Roy S.	New England Journal of Medicine	2018		Vidyasagar University, Midnapore, India; National Centre for Cell Science, Pune, India; Calcutta School of Tropical Medicine, Kolkata, India	0
Reply to the "comments on -a theoretical study on the linearity of the Id-T curve of a SiC MESFET for sensor application"	Dutta S.	Superlattices and Microstructures	2018		Dept. of Electronics, Vidyasagar University, Midnapur, West Bengal 721102, India; Dept. of Electronic Science, University of Calcutta, 92, A.P.C. Road, Kolkata, West Bengal 700009, India	0
Evaluation of hypotesticular activities of different solvent fractions of hydro-methanolic extract of the fruit of Terminalia chebula in Wistar strain adult albino rat: Genomic and flow cytometric approaches	Ghosh P., Gupta P., Tripathy A., Das B., Ghosh D.	Journal of Applied Biomedicine	2018		Vidyasagar University, Dept. of Bio-Medical Laboratory Science and Management, Molecular Medicine and Nutrigenomics Laboratory, Midnapore, West Bengal 721102, India	0
Multi-cluster analysis of Crabs and Ichthyofaunal Diversity in relation to habitat distribution at Tropical Mangrove ecosystem of the Indian Sundarbans	Bhattacharya M., Kar A., Chini D.S., Malick R.C., Patra B.C., Das B.K.	Regional Studies in Marine Science	2018		ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, West Bengal 700120, India; Centre For Aquaculture Research, Extension & Livelihood, Dept. of Aquaculture Management & Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Synthesis, characterization and antimicrobial activities of Co(III) and Ni(II) complexes with 5-methyl-3-formylpyrazole-N(4)-dihexylthiosemicarbazone (HMPzNH ₂): X-ray crystallography and DFT calculations of [Co(MPzNH ₂) ₂]ClO ₄ ·1.5H ₂ O (I) and [Ni(HMPzNH ₂) ₂]Cl ₂ ·2H ₂ O (II)	Saha M., Biswas J.K., Mondal M., Ghosh D., Mandal S., Cordes D.B., Slawin A.M.Z., Mandal T.K., Saha N.C.	Inorganica Chimica Acta	2018		Dept. of Chemistry, University of Kalyani, Kalyani, 741235, India; Dept. of Ecological Studies and International Centre for Ecological Engineering, University of Kalyani, Kalyani, 741235, India; School of Chemistry, University of St Andrews, North Haugh, St Andrews, Fife KY169ST, United Kingdom; Faculty Councils for Post Graduate Studies, Vidyasagar University, Midnapore, 721102, India	0
Fabrication of efficient dye-sensitized solar cells with	Bhardwaj S., Pal A.,	Journal of Materials	2018		Dept. of Physics, The LNM Institute of Information Technology, Jamdoli, Jaipur,	0

photoanode containing TiO ₂ @Au and TiO ₂ @Ag plasmonic nanocomposites	Chatterjee K., Rana T.H., Bhattacharya G., Sinha Roy S., Chowdhury P., Sharma G.D., Biswas S.	Science: Materials in Electronics			302031, India; Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, School of Natural Science, Shiv Nadar University, Greater Noida, Uttar Pradesh 201314, India; Dept. of Physics, Jaypee Institute of Information Technology, Noida, 201307, India	
Accountability, Democratisation and the Right to Information in India	Ghosh S.	Asian Studies Review	2018		Vidyasagar University, India	0
A supply chain model for imperfect production system with stochastic lead time demand	Mallick R.K., Manna A.K., Mondal S.K.	Journal of Management Analytics	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India	0
Synthesis, characterization, cytotoxicity effect and DNA cleavage study of symmetric dinuclear chloro and azido bridged copper(II) complexes of naphthyl-pyrazole based ligand	Jana A., Brandão P., Mondal G., Bera P., Santra A., Jana A.D., Mokhamatam R.B., Manna S.K., Bhattacharyya N., Bera P.	Inorganica Chimica Acta	2018		Post Graduate Dept. of Chemistry, Panskura Banamali College, Vidyasagar University, Midnapore (E), West Bengal 721152, India; Dept. of Chemistry, CICECO, University of Aveiro, Aveiro, 3810-193, Portugal; Dept. of Physics, Behala College, Parnasree, Kolkata, 700060, India; Centre for DNA Fingerprinting & Diagnostics (CDFD), Hyderabad, Telengana 500 039, India; Dept. of Biotechnology, Panskura Banamali College, Vidyasagar University, Midnapore (E), West Bengal 721152, India	0
Optical properties and enhanced photocatalytic activity of Mg-doped ZnO nanoparticles	Samanta A., Goswami M.N., Mahapatra P.K.	Physica E: Low-Dimensional Systems and Nanostructures	2018		Dept. of Physics & Techno-Physics, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Physics, Midnapore College, Midnapore, West Bengal 721101, India; Dept. of Physics, ITER, SOA University, Bhubaneswar, Odisha 751030, India	0
Multi-item 4D-TPs under budget constraint using rough interval	Bera S., Giri P.K., Jana D.K., Basu K., Maiti M.	Applied Soft Computing Journal	2018		National Institute of Technology Durgapur, Durgapur, 713209, India; Kanchanpur Milan Vidyapith (High), Kanchanpur-721628, Purba Medinipur, W.B., India; Dept. of Applied Sciences, Haldia Institute of Technology, Haldia, Purba Medinipur 721657, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B. 721102, India	0

p-Toluate-bridged dinuclear Cu(II) complexes in combination with tridentate chelating ligand: Crystal structure, density functional theory calculation, DNA/protein binding and catecholase activity	Dolai S., Das K., Bhunia A., Bertolasi V., Manna S.C.	Applied Organometallic Chemistry	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dipartimento di Scienze Chimiche e Farmaceutiche, Centro di Strutturistica Diffattometrica, Università di Ferrara, Via L. Borsari 46, Ferrara, 44100, Italy	0
Probing the binding of Spathodea campanulata leaves extract mediated biogenic potential microbicidal silver nanoparticles to human serum albumin: An insight in the light of spectroscopic approach	Beg M., Maji A., Mandal A.K., Das S., Jha P.K., Hossain M.	Journal of Luminescence	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Raiganj, West Bengal 733134, India; School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, West Bengal 721302, India	0
Orcinol Glucoside Loaded Polymer - Lipid Hybrid Nanostructured Lipid Carriers: Potential Cytotoxic Agents against Gastric, Colon and Hepatoma Carcinoma Cell Lines	Nahak P., Gajbhiye R.L., Karmakar G., Guha P., Roy B., Besra S.E., Bikov A.G., Akentiev A.V., Noskov B.A., Nag K., Jaisankar P., Panda A.K.	Pharmaceutical Research	2018		Dept. of Chemistry, University of North Bengal, Darjeeling, West Bengal 734 013, India; Organic and Medicinal Chemistry Division, CSIR-Indian Institute of Chemical Biology, 4, Raja S. C. Mulkik Road, Jadavpur, Kolkata, West Bengal 700032, India; Cancer Biology and Inflammatory Disorder Division, CSIR-Indian Institute of Chemical Biology, 4, Raja S. C. Mulkik Road, Jadavpur, Kolkata, West Bengal 700032, India; Dept. of Colloid Chemistry, Saint Petersburg State University, Universitetsky pr. 26, Saint Petersburg, 198504, Russian Federation; Dept. of Biochemistry, Memorial University of Newfoundland, St. John's, NL, Canada; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721 102, India	0
Biophysical Correlates on the Composition, Functionality, and Structure of Dendrimer-Liposome Aggregates	Roy B., Guha P., Nahak P., Karmakar G., Maiti S., Mandal A.K., Bykov A.G., Akentiev A.V., Noskov B.A.,	ACS Omega	2018		Dept. of Chemistry, University of North Bengal, Darjeeling, West Bengal, 734 013, India; Proteomics and Structural Biology Unit, CSIR, Institute of Genomics and Integrative Biology, Mall Road, Delhi, 110 007, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Uttar Dinajpur, West Bengal, 733134, India;	0

	Tsuchiya K., Torigoe K., Panda A.K.				Dept. of Colloid Chemistry, St. Petersburg State University, Universitetsky pr. 26, St. Petersburg, 198504, Russian Federation; Dept. of Pure and Applied Chemistry, Tokyo University of Science, 2641 Yamazaki, Noda, Tokyo, 278-8510, Japan; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal, 721102, India	
RGO-ZnSe Photocatalyst towards Solar-Light-Assisted Degradation of Tetracycline Antibiotic Water Pollutant	Das P., Pan A., Chakraborty K., Pal T., Ghosh S.	ChemistrySelect	2018		Dept. of Physics, Midnapore College, Midnapore, WB, 721101, India; Dept. of Physics, Vivekananda College, University of Calcutta, Thakurpukur, Kolkata, WB, 700063, India; Dept. of Physics & Technophysics, Vidyasagar University, Midnapore, WB, 721102, India	0
Stability, Bifurcation and Optimal Control Analysis of a Malaria Model in a Periodic Environment	Panja P., Mondal S.K., Chattopadhyay J.	International Journal of Nonlinear Sciences and Numerical Simulation	2018		Dept. of Applied Science, Haldia Institute of Technology, Haldia, 721657, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India; Agricultural and Ecological Research Unit, ISI, 203 B.T. Road, Kolkata, W.B., India	0
Weighted matrix based reversible watermarking scheme using color image	Pal P., Chowdhuri P., Jana B.	Multimedia Tools and Applications	2018		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Closed Tea Estates: A Case Study of the Dooars Region of West Bengal, India	Roy N.C., Biswas D.	Vision	2018		Dept. of Business Administration, Vidyasagar University West Bengal, India; Dept. of Business Administration, Vidyasagar University West Bengal, India	0
Geochemical contamination in the mine affected soil of Raniganj Coalfield – A river basin scale assessment	Manna A., Maiti R.	Geoscience Frontiers	2018		Dept. of Geography and Environment Management, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Assessment of nutritional status by composite index of anthropometric failure (CIAF): A study among preschool children of Sagar Block, South 24 Parganas District, West Bengal, India	Biswas S., Giri S.P., Bose K.	Anthropological Review	2018		Dept. of Anthropology and Tribal Studies, Sidho-Kanho-Birsha University, Purulia, India; Dept. of Anthropology, Vidyasagar University, Midnapore, West Bengal, 721 102, India	0
Abrogation of sodium arsenite driven uterine antioxidant exhaustion and tissue impairment:	Deb B., Maity M., Maiti S., Pan B., Perveen	Journal of Environmental Biology	2018		Dept. of Biomedical Laboratory Science and Management and Clinical Nutrition and Dietetics Division, Vidyasagar University,	0

Role of B12 and folate	H., Dash M., Maiti A.K., Chattopadhyay S.				Midnapore, 721 102, India; Dept. of Biochemistry, Oriental Institute of Science and Technology, Midnapore, 721 102, India; Dept. of Pathology, Midnapore Medical College and Hospital, Midnapore, 721 102, India	
Photon production from Pb + Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV at the CERN Large Hadron Collider and at $\sqrt{s_{NN}}=39$ TeV at the proposed Future Circular Collider facility	Dasgupta P., De S., Chatterjee R., Srivastava D.K.	Physical Review C	2018		Variable Energy Cyclotron Centre, HBNI, 1/AF, Bidhan Nagar, Kolkata, 700064, India; Homi Bhabha National Institute, Training School Complex, Anushakti Nagar, Mumbai, 400085, India; Pingla Thana Mahavidyalaya under Vidyasagar University, West-Bengal, 721140, India; Institut für Theoretische Physik, Johann Wolfgang Goethe-Universität, Max-von-Laue-Str. 1, Frankfurt am Main, D-60438, Germany; ExtreMe Matter Institute EMMI, GSI Helmholtzzentrum für Schwerionenforschung, Planckstrasse 1, Darmstadt, 64291, Germany	0
The impact of social networking sites on college students: A survey study in West Bengal	Giri A., Biswas W., Biswas D.	Indian Journal of Marketing	2018		School of Management and Social Science, Haldia Institute of Technology, Haldia, West Bengal, India; Dept. of Business Administration, Vidyasagar University, West Bengal, India	0
Cubic set structure applied in UP - algebras	Senapati T., Jun Y.B., Shum K.P.	Discrete Mathematics, Algorithms and Applications	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics Education, Gyeongsang National University, Jinju, 52828, China; Institute of Mathematics, Yunnan University, Kunming, 650091, China	0
Characterization and Strain Improvement of Aerobic Denitrifying EPS Producing Bacterium Bacillus cereus PB88 for Shrimp Water Quality Management	Barman P., Bandyopadhyay P., Kati A., Paul T., Mandal A.K., Mondal K.C., Mohapatra P.K.D.	Waste and Biomass Valorization	2018		Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India; Biostadt India Limited, Poonam Chambers "A" Wing, 6th Floor, Dr. A.B. Road, Worli, Mumbai, Maharashtra 400018, India; Dept. of Detergent and Chemical Technologies, Research and Development Center, Hayat Kimya, Gökçeada, Kocaeli 41275, Turkey; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Raiganj,	0

					Uttar Dinajpur, West Bengal 733134, India	
Fuzzification on rain and temperature data in Indian terrain	Sheikh M.I., Samanta S.	Proceedings - 7th International Conference on Communication Systems and Network Technologies, CSNT 2017	2018		Dept. of Mathematical Sciences, Indian Institute of Information Technology, Nagpur, Maharashtra, India; Dept. of Mathematics, Tamralipta Mahavidyalaya (Vidyasagar University), Tamruk, West-Bengal, India	0
Silica-Coated Metal Oxide Nanoparticles: Magnetic and Cytotoxicity Studies	Basu P., De K., Das S., Mandal A.K., Kumar A., Jana T.K., Chatterjee K.	ChemistrySelect	2018		Dept of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; NITMAS, Jhinga, D. H. Road, 24 Pgs (S)743368, India; Dept. of Electronics and Communication Engineering, Guru Ghasidas Central University, Bilaspur (C.G.), 495 009, India; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Raiganj, 733134, India; Dept. of Biotechnology, North Bengal University, Siliguri, Darjeeling, 734013, India	0
Pollen analysis of Apis dorsata Fabricius honeys in Bankura and Paschim Medinipur districts, West Bengal	Layek U., Karmakar P.	Grana	2018		Dept. of Botany and Forestry, Vidyasagar University, Midnapore, India	0
A theoretical study on the temperature-dependent RF performance of a SiC MESFET	Dutta S.	International Journal of Electronics	2018		Dept. of Electronics, Vidyasagar University, Midnapur, India; Dept. of Electronic Science, University of Calcutta, Kolkata, India	0
Application of bipolar intuitionistic fuzzy soft sets in decision making problem	Jana C., Pal M.	International Journal of Fuzzy System Applications	2018		Dept. of Applied Mathematics, Vidyasagar University, Midnapore, India	0
Aggregation induced emission of 9-Anthraldehyde microstructures and its selective sensing behavior towards picric acid	Das D., Maity A., Shyamal M., Maity S., Mudi N., Misra A.	Journal of Molecular Liquids	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, WB 721102, India	0
Enhanced efficiency of PbS quantum dot-sensitized solar cells using plasmonic photoanode	Bhardwaj S., Pal A., Chatterjee K., Rana T.H., Bhattacharya G., Roy S.S.,	Journal of Nanoparticle Research	2018		Dept. of Physics, The LNM Institute of Information Technology, Jamdoli, Jaipur, 302031, India; Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, School of Natural Science, Shiv Nadar University, Greater Noida, Uttar Pradesh	0

	Chowdhury P., Sharma G.D., Biswas S.				201314, India; Jaypee Institute of Information Technology, Noida, 201307, India	
Pyrene-based Schiff Base as Selective Chemosensor for Copper(II) and Sulfide Ions	Dalbera S., Kulovi S., Dalai S.	ChemistrySelect	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721 102, India	0
Exploring the dual impact of hydrocarbon chainlength and the role of piroxicam a conventional NSAID on soylecithin/ion pair amphiphiles mediated hybrid vesicles for brain $\alpha\alpha$ tumor targeted drug delivery	Guha P., Roy B., Nahak P., Karmakar G., Chang C.H., Bikov A.G., Akentiev A.B., Noskov B.A., Mandal A.K., Kumar A., Hassan P.A., Aswal V.K., Misono T., Torigoe K., Panda A.K.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2018		Dept. of Chemistry, University of North Bengal, Darjeeling, West Bengal 734 013, India; Dept. of Chemical Engineering, National Cheng Kung University, Tainan, Taiwan; Dept. of Colloid Chemistry, St. Petersburg State University, Universitetskii pr. 26, St. Petersburg, 198504, Russian Federation; Chemical Biology Laboratory, Dept. of Sericulture, Raiganj University, Raiganj, West Bengal 733134, India; Dept. of Biotechnology, University of North Bengal, Darjeeling, West Bengal 734 013, India; Thermal & Interfacial Chemistry Section Chemistry Division, Bhabha Atomic Research Centre Trombay, Mumbai, 400 085, India; Dept. of Pure and Applied Chemistry, Tokyo University of Science, 2641 Yamazaki, Noda, Tokyo 278-8510, Japan; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnaore, West Bengal 721102, India	0
Nonclassical properties (squeezing, antibunching, entanglement) for couple-cavity optomechanical system	Mukherjee K., Jana P.C.	Journal of Optics (India)	2018		Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India	0
T-fuzzy KU-ideals of KU-algebras	Senapati T.	Afrika Matematika	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India	0
Reduced Graphene Oxide $\alpha\alpha$ Cadmium Zinc Sulfide Nanocomposite with Controlled Band Gap for Large-Area Thin-Film Optoelectronic Device Application	Ibrahim S., Chakraborty K., Pal T., Ghosh S.	Journal of Materials Engineering and Performance	2018		Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Midnapore College, Midnapore, 721101, India	0
Therapeutic potential of probiotic Lactobacillus plantarum AD3 on	Patra A., Mandal S.,	Clinical Nutrition	2018		Dept. of Microbiology, Nutrition, and Human Physiology, Raja N.L. Khans	0

acetaminophen induced uremia in experimental rats	Samanta A., Chandra Mondal K., Nandi D.K.	Experimental			Women's College, Paschim Medinipur West Bengal 721102, India; Dept. of Microbiology, Vidyasagar University West Bengal 721102, India	
An integrated inventory model with variable holding cost under two levels of trade-credit policy	Pervin M., Roy S.K., Weber G.W.	Numerical Algebra, Control and Optimization	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India; Faculty of Engineering Management, Poznan University of Technology, Ul. Strzelecka 11, Poznan, 60-965, Poland	0
The corrective efficacy of the n-hexane fraction of the hydro-methanol extract of the Swietenia mahagoni seeds on testicular dysfunctions in streptozotocin-induced diabetic male rats	Bera T.K., Ghosh D.	Jordan Journal of Biological Sciences	2018		Dept. of Physiology, Universal College of Medical Sciences, Lumbini Zone, Bhairahawa, Nepal; Dept. of Bio-Medical Laboratory Science and Management, Vidyasagar University, Midnapore, West Bengal, 721 102, India	0
The validity of mid-upper arm circumference as an indicator of low BMI in population screening for undernutrition: a study among adult slum dwellers in eastern India	Das P., Khatun A., Bose K., Chakraborty R.	Public Health Nutrition	2018		Dept. of Anthropology, Vidyasagar University, Midnapore, West Bengal, India; Dept. of Anthropology, Dinabandhu Mahavidyalaya, Bongaon, North 24 Parganas, 743235 West Bengal, India	0
Pseudochromadora benepapillata (Timm 1961) comb. n. (Desmodoridae: Nematoda): revision of its taxonomic status and distribution	Datta T.K., Ganguly A., Chakraborty S.K.	Zootaxa	2018		Zoological Survey of India, Kolkata, 700053, India; Jogesh Chandra Chaudhuri College, P.A. Shah Road, Kolkata, 700033, India; Dept. of Zoology, Vidyasagar University, Midnapore (West), 721102, India	0
Impact of metal accumulation pattern on the annual rhythmicity of antioxidants and their interrelationship to maintain the oxidative balance in mollusc	Ganguly A., Moniruzzaman M., Chakraborty S.K., Karan S., Mukherjee J.	Biological Rhythm Research	2018		Dept. of Environmental Science, Jogesh Chandra Chaudhuri College, Kolkata, India; Dept. of Zoology, University of Calcutta, Kolkata, India; Dept. of Zoology, Vidyasagar University, Midnapore, India; Dept. of Environmental Science, Vidyasagar University, Midnapore, India; Dept. of Zoology, Krishna Chandra College, University of Burdwan, Birbhum, India	0
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., Tsuchiya K., Torigoe K., Nath R.K.,	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2018		Dept. of Chemistry, University of North Bengal, Darjeeling, West Bengal 734013, India; Dept. of Pure and Applied Chemistry, Tokyo University of Science, 2641 Yamazaki, Noda, Tokyo 278-8510, Japan; Dept. of Chemistry, Tripura	0

	Panda A.K.				University, Suryamaninagar, Tripura 799022, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	
Hemocompatible 3D Silver(I) Coordination Polymers: Synthesis, X-ray Structure, Photo-Catalytic and Antibacterial Activity	Kulovi S., Dalbera S., Dey S.K., Maiti (Choudhury) S., Puschmann H., Zangrando E., Dalai S.	ChemistrySelect	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemistry, Durham University, Durham, DH13LE, United Kingdom; Dept. of Chemical and Pharmaceutical Sciences, University of Trieste, Trieste, 34127, Italy	0
A theoretical approach to study the optical sensitivity of a MESFET	Dutta S.	AIP Conference Proceedings	2018		Dept. of Electronics, Vidyasagar University, Midnapur, West Bengal 721102, India; Dept. of Electronic Science, University of Calcutta, 92, A.P.C. Road, Kolkata, West Bengal 700009, India	0
Accurate Formula to Determine Resonant Frequency of Double Sided Printed Dipole Antenna	Ghosh R.P., Patra K., Gupta B., Chowdhury S.K.	IETE Journal of Research	2018		Electronics Science Dept., Vidyasagar University, Midnapore, India; Dept. of Electronics and Communication Engineering, Jadavpur University, Kolkata, India	0
Two new analog multipliers/dividers employing single current differencing buffer amplifier	Roy S., Paul T.K., Maiti S., Pal R.R.	AEU - International Journal of Electronics and Communications	2018		Dept. of Physics and Technophysics, Vidyasagar University, Midnapore 721102 West Bengal, India; Dept. of Basic Engineering Science, Netaji Subhash Engineering College, Kolkata, West Bengal 700152, India	0
Cubic commutative ideals of BCK-algebras	Senapati T., Shum K.P.	Missouri Journal of Mathematical Sciences	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Institute of Mathematics, Yunnan University, Kunming, 650091, China	0
Influence of Wall Conductivities on a Fully Developed Mixed-Convection Magnetohydrodynamic Nanofluid Flow in a Vertical Channel	Das S., Tarafdar B., Jana R.N., Makinde O.D.	Journal of Engineering Physics and Thermophysics	2018		Dept. of Mathematics, University of Gour Banga, Malda, 732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa	0

Green logistics under imperfect production system: A Rough age based Multi-Objective Genetic Algorithm approach	De M., Das B., Maiti M.	Computers and Industrial Engineering	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB 721102, India; Dept. of Mathematics, Sidho-Kanho-Birsha University, Purulia, WB, India	0
A retrospective study on bacteria causing blood stream infection: Antibiotics resistance and management	Sarkar S.K., Bhattacharyya A., Paria K., Mandal S.M.	Indian Journal of Pharmaceutical Sciences	2018		Sanjiban Hospital, Fuleswar, Howrah, 711 316, India; TechnoIndia DAMA Hospital, Kolkata, 700 091, India; Dept. of Zoology, Vidyasagar University, Midnapore, 721 101, India; Central Research Facility, Indian Institute of Technology Kharagpur, Kharagpur, 721 302, India	0
EFFECT of COUPLE STRESSES on ELECTROKINETIC OSCILLATORY FLOW of BLOOD in the MICROCIRCULATORY SYSTEM	Misra J.C., Chandra S.	Journal of Mechanics in Medicine and Biology	2018		Centre for Healthcare Science and Technology, Indian Institute of Engineering Science and Technology, Shibpur, Howrah, 711103, India; Dept. of Physics, Sabang S. K. Mahavidyalaya, Vidyasagar University, Midnapore, India	0
Analysis of a harvested tritrophic food chain model in the presence of additional food for top predator	Panja P., Poria S., Mondal S.K.	International Journal of Biomathematics	2018		Dept. of Applied Science, Haldia Institute of Technology, Haldia, West Bengal 721657, India; Dept. of Applied Mathematics, University of Calcutta, 92 APC Road, Kolkata, 700009, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721 102, India	0
Couette-Poiseuille flow based non-linear flow over a square cylinder near plane wall	Bhatt R., Maiti D.K., Alam M.M., Rehman S.	Wind and Structures, An International Journal	2018		Institute for Turbulence-Noise-Vibration Interaction and Control, Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen, China; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapur, 721102, India; Center for Engineering Research, Research Institute, King Fahd University of Petroleum and Minerals, Dhahran, 31261, Saudi Arabia	0
Physicochemical Characterization of Chrysin-Derivative-Loaded Nanostructured Lipid Carriers with Special Reference to Anticancer Activity	Karmakar G., Nahak P., Chettri P., Roy B., Guha P., Tsuchiya K., Torigoe K., Kumar A., Nath	Journal of Surfactants and Detergents	2018		Dept. of Chemistry, University of North Bengal, Darjeeling, West Bengal 734013, India; Dept. of Biotechnology, University of North Bengal, Darjeeling, West Bengal 734013, India; Dept. of Pure and Applied Chemistry, Tokyo University of Science, 2641 Yamazaki, Noda, Tokyo, 278-8510,	0

	R.K., Bhowmik S., De U.C., Nag K., Panda A.K.				Japan; Dept. of Chemistry, Tripura University, Suryamaninagar, Agartala, Tripura 799022, India; Dept. of Biochemistry, Memorial University of Newfoundland, St. John's, NL, Canada; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	
MoS ₂ embedded TiO ₂ nanoparticles for concurrent role of adsorption and photocatalysis	Pal A., Jana T.K., Chatterjee K.	AIP Conference Proceedings	2018		Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India	0
Solution of Matrix Games with Generalised Trapezoidal Fuzzy Payoffs	Jana J., Kumar Roy S.	Fuzzy Information and Engineering	2018		Dept. of Applied Mathematics With Oceanology and Computer Programming, Vidyasagar University, Midnapore, India	0
Rough Genetic Algorithm for Constrained Solid TSP with Interval Valued Costs and Times	Maity S., Roy A., Maiti M.	Fuzzy Information and Engineering	2018		Operations Management Group, Indian Institute of Management Calcutta, Kolkata, India; Dept. of Computer Sciences & Applications, P. K. College, Contai, India; Dept. of Applied Mathematics, Vidyasagar University, Medinipur, India	0
Fabrication and characterization of Au/n-CdTe Schottky barrier under illumination and dark	Bera S.R., Saha S.	Applied Physics A: Materials Science and Processing	2018		Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Performance of banking industry in West Bengal: Critical assessment	Jana D.	SCMS Journal of Indian Management	2018		Dept. of Commerce with Farm Management, Vidyasagar University, Midnapore, West Bengal, India	0
Role of PEG 2000 in the surface modification and physicochemical characteristics of pyrazinamide loaded nanostructured lipid carriers	Karmakar G., Nahak P., Guha P., Roy B., Nath R.K., Panda A.K.	Journal of Chemical Sciences	2018		Dept. of Chemistry, University of North Bengal, Darjeeling, West Bengal 734 013, India; Dept. of Chemistry, Tripura University, Suryamaninagar, Tripura 799 022, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721 102, India	0
Uncertain multi-item supply chain with two level trade credit under promotional cost sharing	Pakhira N., Maiti M.K., Maiti M.	Computers and Industrial Engineering	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B. 721102, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, Purba Medinipur W.B. 721628, India	0
Radiological impact of some common foods of Southern Part of West Bengal, India	Das B., Deb A., Chowdhury S.	Radiation Protection Dosimetry	2018		Dept. of Physics and Technophysics, Vidyasagar University, Paschim, Medinipur, 721102, India; School of Studies in	0

					Environmental Radiation and Archaeological Sciences, Jadavpur University, Kolkata, 700032, India; Dept. of Physics, Jadavpur University, Kolkata, 700032, India	
Enhanced photocatalytic activity of ternary CuInS ₂ nanocrystals synthesized from the combination of a binary Cu(I)S precursor and InCl ₃	Mondal G., Santra A., Jana S., Pramanik N.C., Mondal A., Bera P.	Journal of Nanoparticle Research	2018		Post Graduate Dept. of Chemistry, Panskura Banamali College, Vidyasagar University, East Medinipur, West Bengal 721152, India; Indian Institute of Engineering Science and Technology (IEST), Shibpur, Howrah, West Bengal 711103, India; Dept. of Chemistry, University of Calcutta, Kolkata, West Bengal 700073, India; Centre for Materials for Electronics Technology (C-MET), Thrissur, Kerala 680581, India	0
Tuberculosis related stigma and its effect on the delay for sputum examination under the Revised National Tuberculosis Control Program in India	Chakrabarty A., Basu P., Ali K.M., Sarkar A.K., Ghosh D.	Indian Journal of Tuberculosis	2018		Hony. Secretary, Health Vision & Research, 333A/1, Jessore Road, Kolkata, 700 089, India; Post Graduate Student (MD), Dept. of Community Medicine, Medical College, Kolkata, 700073, India; Dept. of Nutrition, M.U.C. Women's College, Burdwan, India; Additional Director of Health Services (Admin), H&FW Dept., Government of West Bengal, India; Dept. of Bio-Medical Laboratory Science and Management, Vidyasagar University, Midnapore, West Bengal 721 102, India	0
Analyzing an inventory model with two-level trade credit period including the effect of customers' credit on the demand function using q-fuzzy number	Banu A., Mondal S.K.	Operational Research	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B. 721 102, India	0
Role of Steric Hindrance in the Crystal Packing of Zr ₄ Superstructure of Trimethyltin Hydroxide	Dey S., Schönlberger A., Mondal S., Ali S.I., Van Smaalen S.	Crystal Growth and Design	2018		Laboratory of Crystallography, University of Bayreuth, Bayreuth, 95440, Germany; King Abdullah University of Science and Technology (KAUST), Core Labs, Thuwal, 23955-6900, Saudi Arabia; CSIR-Central Glass and Ceramic Research Institute, Kolkata, 700032, India; Dept. of Chemistry, Moyna College, Vidyasagar University, Anandapur, 721629, India	0
Money Supply and Equity Price Movements During the Liberalized	Sahu T.N., Pandey K.D.	Global Business Review	2018		Assistant Professor, Dept. of Commerce with Farm Management, Vidyasagar University,	0

Period in India					Midnapore, West Bengal, India; UGC Senior Research Fellow, Dept. of Business Administration, Vidyasagar University, Midnapore, West Bengal, India	
Antigonadal and endocrine-disrupting activities of lambda cyhalothrin in female rats and its attenuation by taurine	Ghosh R., Banerjee B., Das T., Jana K., Choudhury S.M.	Toxicology and Industrial Health	2018		Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India; Division of Molecular Medicine, Bose Institute, Kolkata, India	0
Simultaneous Removal of Cd(II) and Pb(II) Using a Fungal Isolate, Aspergillus penicillioides (F12) from Subarnarekha Estuary	Paria K., Mandal S.M., Chakroborty S.K.	International Journal of Environmental Research	2018		Dept. of Zoology, Vidyasagar University, Medinipur, West Bengal 721102, India; Central Research Facility, Indian Institute of Technology, Kharagpur, West Bengal 721302, India	0
An appropriate business strategy for a sale item	Pramanik P., Maiti M.K., Maiti M.	OPSEARCH	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, Paschim Medinipur, West Bengal 721102, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, Purba-Medinipur, West Bengal 721628, India	0
Wake and suppression of flow-induced vibration of a circular cylinder	Kim S., Alam M.M., Maiti D.K.	Ocean Engineering	2018		Dept. of Mechanical Engineering, Kangwon National University, North Korea; Institute for Turbulence-Noise-Vibration Interaction and Control, Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen, 518055, China; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapur, WB, India	0
Microbial valorization of chitinous bioresources for chitin extraction and production of chito-oligomers and N-acetylglucosamine: Trends, perspectives and prospects	Halder S.K., Mondal K.C.	Microbial Biotechnology	2018		Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, India	0
Tailoring the Efficacy of Multifunctional Biopolymeric Graphene Oxide Quantum Dot-Based Nanomaterial as Nanocargo in Cancer Therapeutic Application	De S., Patra K., Ghosh D., Dutta K., Dey A., Sarkar G., Maiti J., Basu A., Rana D., Chattopadhyay D.	ACS Biomaterials Science and Engineering	2018		Dept. of Polymer Science and Technology, University of Calcutta, 92, A.P.C. Road, Kolkata, 700 009, India; Dept. of Zoology, West Bengal State University, Barasat, West Bengal, 700 126, India; Institute of Post Graduate Medical Education and Research (IPGMER), SSKM Hospital, Kolkata, 700 020, India; Immunology and Microbiology	0

					Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, 721 102, India; Dept. of Chemical and Biological Engineering, Industrial Membrane Research Institute, University of Ottawa, 161 Louis Pasteur Street, Ottawa, ON K1N, Canada	
A multi-objective post-disaster relief logistic model	Sarma D., Bera U.K., Singh A., Maiti M.	5th IEEE Region 10 Humanitarian Technology Conference 2017, R10-HTC 2017	2018		Department of Mathematics, NIT Agartala, Agartala, India; Department of Mathematics, Vidyasagar University, India	0
Advances in microbial keratinase and its potential applications	Sahoo D.K., Thatoi H.N., Mitra B., Mondal K.C., Das Mohapatra P.K.	Microbial Biotechnology	2018		Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, India; Dept. of Biotechnology, North Orissa University, Baripada, Odisha, India; Dept. of Bio-Sciences and Bio-Technology, Fakir Mohan University, Balasore, Odisha, India	0
Solving solid transportation problems with multi-choice cost and stochastic supply and demand	Kumar Roy S., Roy Mahapatra D.	Intelligent Transportation and Planning: Breakthroughs in Research and Practice	2018		Vidyasagar University, India	0
Multiobjective transportation problem using fuzzy decision variable through multi-choice programming	Maity G., Roy S.K.	Intelligent Transportation and Planning: Breakthroughs in Research and Practice	2018		Vidyasagar University, India	0
Results of m-polar fuzzy graphs with application	Ghorai G., Pal M.	Journal of Uncertain Systems	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore 721 102, India	0
Comparative evolutionary genomics of Corynebacterium with special reference to codon and amino acid usage diversities	Pal S., Sarkar I., Roy A., Mohapatra P.K.D., Mondal K.C., Sen A.	Genetica	2018		Bioinformatics Infrastructure Facility, Dept. of Microbiology, Vidyasagar University, Midnapore, 721 102, India; Bioinformatics Facility, Dept. of Botany, University of North Bengal, Darjeeling, 734 013, India	0
The Dual Carboxymethyl Cellulase and Gelatinase Activities of a Newly Isolated Protein from	Maiti S., Samanta T., Sahoo S., Roy	Journal of Molecular Microbiology	2018		Dept. of Biochemistry and Biotechnology, Cell and Molecular Therapeutics Laboratory, Oriental Institute of Science and Technology,	0

Brevibacillus agri ST15c10 Confer Reciprocal Regulations in Substrate Utilization	S.	and Biotechnology			Vidyasagar University, Midnapore, 721 102, India; Midnapore Tn Agricure Biotech Research Society, Midnapore, India; Indian Institute of Technology, Kharagpur, India	
Studies on structure and antioxidant properties of a heteroglycan isolated from wild edible mushroom <i>Lentinus sajor-caju</i>	Pattanayak M., Maity P., Samanta S., Sen I.K., Manna D.K., Nandi A.K., Ghosh S., Acharya K., Islam S.S.	International Journal of Biological Macromolecules	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Molecular and Applied Mycology and Plant Pathology Laboratory, Dept. of Botany, University of Calcutta, 35, Ballygunge Circular Road, Kolkata, West Bengal 700019, India	0
Nanofluid (H ₂ O-Al ₂ O ₃ /CuO) flow over a heated square cylinder near a wall under the incident of Couette flow	Sharma S., Maiti D.K., Alam M.M., Sharma B.K.	Journal of Mechanical Science and Technology	2018		Dept. of Mathematics, Birla Institute of Technology and Science, Pilani, RJ 333031, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapur, WB 721102, India; Institute for Turbulence-Noise-Vibration Interaction and Control, Shenzhen Graduate School, Harbin Institute of Technology, Shenzhen, China	0
Synthesis and crystal structure of new copper(II) metal complex: Noncovalent interactions and electrical conductance properties	Pathak S., Chakraborty K., Ghosh S., Roy K., Jana B., Konar S.	Journal of Molecular Structure	2018		Dept. of Chemistry, Haldia Govt. College, Purba Medinipur, Haldia, 721657, India; Dept. of Physics & Technophysics, Vidyasagar University, Midnapore, West Bengal, 721102, India; Dept. of Chemistry, Serampore College, Hooghly, Serampore, 712201, India; Dept. of Chemistry, The Bhawanipur Education Society College, Kolkata, 700020, India	0
Gender and insanity: Situating asylums in nineteenth-century Bengal	Das D.	Society, Medicine and Politics in Colonial India	2018		Vidyasagar University, West Bengal, India	0
Antioxidant and Anticancer Roles of a Novel Strain of <i>Bacillus anthracis</i> Isolated from Vermicompost Prepared from Paper Mill Sludge	Ganguly R.K., Midya S., Chakraborty S.K.	BioMed Research International	2018		Dept. of Zoology, Vidyasagar University, Midnapore, West Bengal 721102, India	0
A Novel Approach to Lossless Audio Compression (LAC)	Mondal U.K.	Communications in Computer and Information Science	2018		Dept. of Computer Science, Vidyasagar University, Midnapur, WB, India	0

Temperature dependent Synthesis of Zinc Sulfide Nanocrystals	Bera K., Saha S., Jana P.C.	Oriental Journal of Chemistry	2018		Dept. of Physics and Technophysics, Vidyasagar University, Paschim Medinipur, 721102, India	0
Human contribution to service quality in West Bengal's luxury hotels	Banerjee D., Biswas D.	Human Systems Management	2018		Dept. of Business Administration, Vidyasagar University West Bengal, India	0
Improving data hiding capacity using bit-plane slicing of color image through (7, 4) hamming code	Banerjee A., Jana B.	Advances in Intelligent Systems and Computing	2018		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Improved data hiding capacity through repeated embedding using modified weighted matrix for color image	Chowdhuri P., Pal P., Jana B.	International Journal of Computers and Applications	2018		Dept. of Computer Science, Vidyasagar University, West Midnapore, India	0
A Modified Real-Coded Extended Line Crossover for Genetic Algorithm	Singh P.K.	Communications in Computer and Information Science	2018		Dept. of Computer Science, Vidyasagar University, Midnapore, WB 721102, India	0
A secure high-capacity video steganography using bit plane slicing through (7, 4) hamming code	Banerjee A., Jana B.	Advances in Intelligent Systems and Computing	2018		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Assessing the social, ecological and economic impact on conservation activities within human-modified landscapes: A case study in Jhargram district of West Bengal, India	Sen U.K.	International Journal of Conservation Science	2018		Dept. of Botany and Forestry, Vidyasagar University, Midnapore, West Bengal, 721 102, India	0
Industrial credit and infrastructural factors : Scenario of indian states	Sinha A., Kundu D.	SCMS Journal of Indian Management	2018		Vidyasagar University, West Bengal, India; Kazi Nazrul Islam Mahavidyalaya, Paschim Burdwan, India	0
Biosynthesis and characterization of Thevetia peruviana leaf extract capped CdTe nanoparticles in photoconductive and photovoltaic applications	Bera S.R., Saha S.	Materials Today: Proceedings	2018		Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India	0
Efficient peptide based gelators for aromatic organic solvents and vegetable oils: application in phase selective gelation and dye entrapment	Guchhait S., Roy S.	Journal of Sol-Gel Science and Technology	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Paschim, Medinipur, 721 102, India	0
Proton triggered emission and selective sensing of 2,4,6-	Maity S., Shyamal M.,	New Journal of Chemistry	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University,	0

trinitrophenol using a fluorescent hydrosol of 2-phenylquinoline	Das D., Maity A., Dey S., Misra A.				Midnapore, 721 102 W.B., India	
A short-term survey report on the post-winter avian diversity in Corbett National Park and associated areas, Uttarakhand, India	Ghosh S., Bhattacharya T.	Journal of Threatened Taxa	2018		Dept. of Zoology Bethune College, 181, Bidhan Sarani, Manicktala, Azad Hind Bag, Kolkata, West Bengal, 700006, India; Dept. of Zoology, Vidyasagar University, Midnapore, West Bengal, 721102, India	0
Head circumference based nutritional status of rural Bengalee preschool children from Sagar Island, West Bengal, India	Giri S.P., Biswas S., Bose K.	Mankind Quarterly	2018		Dept. of Anthropology, Vidyasagar University, Midnapore, West Bengal, 721 102, India; Sidho-Kanho-Birsha University, Purulia, India	0
Characterization of an acidophilic Î±-amylase from Aspergillus Niger RBP7 and study of catalytic potential in response to nutritionally important heterogeneous compound	Mukherjee R., Paul T., Halder S.K., Soren J.P., Banerjee A., Mondal K.C., Pati B.R., Mohapatra P.K.D.	Acta Biologica Szegediensis	2018		Dept. of Microbiology, Vidyasagar University, West Bengal, Midnapore - 721102, India; Dept. of Microbiology, Raiganj University, Uttar Dinajpur, West Bengal, Raiganj - 733134, India	0
Ameliorating effect of Alstonia scholaris L. bark extract on histopathological changes following viper envenomation in animal models	Ghosh R., Mana K., Sarkhel S.	Toxicology Reports	2018		Dept. of Human Physiology with Community Health, Vidyasagar University, Paschim Medinipur-721102, West Bengal, India	0
Effect of donor acceptor substitution position on the electrical responsive properties of azulene system: a computational study	Maity R., Mandal D., Misra A.	Molecular Physics	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, W.B, India	0
First: In situ vesicular self-assembly of 'binols' generated by a two-component aerobic oxidation reaction	Bag B.G., Ghorai S., Panja S.K., Dinda S.K., Paul K.	RSC Advances	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, 721102 WB, India	0
Quorum Sensing Autoinducer(s) and Flagellum Independently Mediate EPS Signaling in Vibrio cholerae Through LuxO-Independent Mechanism	Biswas S., Mukherjee P., Manna T., Dutta K., Guchhait K.C., Karmakar A., Karmakar M., Dua P., Panda	Microbial Ecology	2018		Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	0

	A.K., Ghosh C.					
Economics of public investment in rehabilitation of water bodies in the saline zone of West Bengal, India	Jana S.K., Palanisami K., Manna S.S.	International Journal of Agricultural Resources, Governance and Ecology	2018		Dept. of Economics with Rural Development, Vidyasagar University, Midnapore, West Bengal, India; Water Technology Centre, Tamil Nadu Agricultural University, Coimbatore, India; Dept. of Economics, Vidyasagar University, Midnapore, West Bengal, India	0
Synthesis and characterization of biogenic metal nanoparticles and its cytotoxicity and anti-neoplasticity through the induction of oxidative stress, mitochondrial dysfunction and apoptosis	Maity P., Bepari M., Pradhan A., Baral R., Roy S., Maiti Choudhury S.	Colloids and Surfaces B: Biointerfaces	2018		Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721 102, India; Dept. of Immunoregulation and Immunodiagnostics, Chittaranjan National Cancer Institute (CNCI), 37, S.P. Mukherjee Road, Kolkata, West Bengal 700026, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721 102, India	0
A Novel Hierarchical Classification Scheme for Adaptive Quadtree Partitioning Based Fractal Image Coding	Nandi U., Mandal J.K.	Communications in Computer and Information Science	2018		Dept. of Computer Science, Vidyasagar University, Paschim Medinipur, India; Dept. of Computer Science and Engineering, University of Kalyani, Nadia, India	0
Surjective L (2, 1)-labeling of cycles and circular-arc graphs	Amanathulla S., Pal M.	Journal of Intelligent and Fuzzy Systems	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India	0
G.Ghorai, M.Pal: Applications of bipolar fuzzy sets in interval graphs	Ghorai G., Pal M.	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India	0
Elucidating the interaction of Spathodea campanulata leaf extracts mediated potential bactericidal gold nanoparticles with human serum albumin: spectroscopic analysis	Beg M., Maji A., Islam M., Hossain M.	Journal of Biomolecular Structure and Dynamics	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, India; Dept. of Chemistry, Aliah University West Bengal, India	0
Intuitionistic fuzzy labeling graphs	Sahoo S., Pal M.	Turkish World Mathematical Society Journal of Applied and Engineering	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India	0

		Mathematics				
Fuzzy permutation graph and its complements	Raut S., Pal M., Ghorai G.	Journal of Intelligent and Fuzzy Systems	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India	0
Comparative analysis of multi-criteria probabilistic FR and AHP models for forest fire risk (FFR) mapping in Melghat Tiger Reserve (MTR) forest	Kayet N., Chakrabarty A., Pathak K., Sahoo S., Dutta T., Hatai B.K.	Journal of Forestry Research	2018		Indian Institute of Technology Kharagpur, Kharagpur, West Bengal, India; Vidyasagar University, Midnapore, West Bengal, India; Jadavpur University, Kolkata, West Bengal, India; Odisha Space Application Center, Bhubaneswar, Odisha, India	0
Tissue specific expression and in-silico characterization of a putative cysteine synthase gene from <i>Lathyrus sativus</i> L.	Chakraborty S., Mitra J., Samanta M.K., Sikdar N., Bhattacharyya J., Manna A., Pradhan S., Chakraborty A., Pati B.R.	Gene Expression Patterns	2018		Advanced Laboratory for Plant Genetic Engineering, Indian Institute of Technology, Kharagpur, 721302, India; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Use of assistive technology in blind schools of West Bengal: A comparative study	Pradhan S., Samanta M.	Library Philosophy and Practice	2018		Dept. of Library and Information Science, Vidyasagar University, Midnapore, 721102, India; Indian Institute of Management, Calcutta, Joka, Kolkata, 700104, India	0
Bicubic interpolation based audio authentication (BIAA)	Mondal U.K., Mandal J.K.	Advances in Intelligent Systems and Computing	2018		Dept. of Computer Science, Vidyasagar University, Midnapur West Bengal, India; Dept. of Computer Science & Engineering, University of Kalyani, Nadia West Bengal, India	0
A novel steganographic scheme using weighted matrix in transform domain	Chowdhuri P., Jana B., Giri D.	Communications in Computer and Information Science	2018		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Computer Science and Engineering, Haldia Institute of Technology, Haldia, West Bengal 721657, India	0
Higher-order intermodal antibunching for couple-cavity optomechanical system	Mukherjee K., Jana P.C.	Journal of Optics (India)	2018		Dept. of Physics and Technophysics, Vidyasagar University, Midnapore, 721102, India; Dept. of Physics, Govt. General Degree College Gopiballavpur-II, Beliaberah, 721517, India	0
Bio-economic prey-predator fishery model with intratrophic predation, time delay in reserved	Sadhukhan D., Mondal B., Maiti M.	Springer Proceedings in Mathematics and	2018		Haldia Government College, Haldia, Purba Midnapore, WB, India; Raja N.L.K. Womens College, Midnapore, WB, India; Dept. of	0

and unreserved area		Statistics			Applied Mathematics, Vidyasagar University, Midnapore, WB, India	
An inventory model of deteriorating items with a credit period-based new demand function in a finite time horizon	Banu A., Mondal S.K.	International Journal of Operational Research	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB, 721 102, India	0
Secured steganographic scheme for highly compressed color image using weighted matrix through DCT	Chowdhuri P., Jana B., Giri D.	International Journal of Computers and Applications	2018		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal, India; Dept. of Computer Science and Engineering, Haldia Institute of Technology, Haldia, West Bengal, India	0
Multi-item multi-stage transportation problem with Breakability	Baidya A., Bera U.K., Maiti M.	International Journal of Operational Research	2018		Dept. of Mathematics, National Institute of Technology, Agartala, Jirania, West Tripura, 799055, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, WB, 721102, India	0
Joint replenishment models with ramp demands and price dependent substitute ratio during stock-out	Giri R.N., Mondal S.K., Maiti M.	International Journal of Operational Research	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	0
Morphological and biochemical evaluation of free living N ₂ fixing Tea rhizospheric and Tea soil bacteria of North Bengal Tea gardens, India	Bhaduri J., Kundu P., Roy S.K.	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2018		Post Graduate Dept. of Biotechnology, Oriental Institute of Science and Technology (Vidyasagar University), Katwa Road, Dewandighi, Burdwan, W.B., 713 102, India	0
Application of Strong Arcs in m-Polar Fuzzy Graphs	Mandal S., Sahoo S., Ghorai G., Pal M.	Neural Processing Letters	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	0
Embedding and genus of intuitionistic fuzzy graphs on spheres	Sahoo S., Ghorai G., Pal M.	Journal of Multiple-Valued Logic and Soft Computing	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	0
Dual hesitant fuzzy matrix games: based on new similarity measure	Jana J., Roy S.K.	Soft Computing	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India	0
Azadirachta indica leaves mediated green synthesized copper oxide nanoparticles induce apoptosis through activation of TNF- α and caspases signaling pathway against	Dey A., Manna S., Chattopadhyay S., Mondal D., Chattopadhyay	Journal of Saudi Chemical Society	2018		Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Polymer Science and Technology, USCTA,	0

cancer cells	D., Raj A., Das S., Bag B.G., Roy S.				University of Calcutta, 92 A.P.C Road, Kolkata, West Bengal 700009, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	
Paradoxical bactericidal effects of hydrophobic lung surfactant proteins and their peptide mimics using liposome molecular trojan	Dutta K., Nag K., Booth V., Smyth E., Dueck H., Fritzen-Garcia M., Ghosh C., Panda A.K.	Journal of Oleo Science	2018		Microbiology and Immunology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore West Bengal 721 102, India; Dept. of Biochemistry, Memorial University of Newfoundland, St. John's, Newfoundland, Canada; Federal University of Para, Aquaculture Lab CEP 83255-000, Brazil; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore West Bengal 721 102, India	0
A hybrid heuristic for restricted 4-dimensional TSP (r-4DTSP)	Roy A., Chakraborty G., Khan I., Maity S., Maiti M.	Springer Proceedings in Mathematics and Statistics	2018		Dept. of Computer Science, Prabhat Kumar College, Contai, Purba Medinipur, W.B 721401, India; Faculty of Software and Information Science, Iwate Prefectural University, Takizawa, Japan; Dept. of Computer Science, Vidyasagar University, Medinipur, W.B 721102, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Medinipur, W.B 721102, India	0
In silico structural and functional modelling of Antifreeze protein (AFP) sequences of Ocean pout (<i>Zoarces americanus</i> , Bloch & Schneider 1801)	Bhattacharya M., Hota A., Kar A., Sankar Chini D., Chandra Malick R., Chandra Patra B., Kumar Das B.	Journal of Genetic Engineering and Biotechnology	2018		ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, West Bengal 700 120, India; Centre For Aquaculture Research, Extension & Livelihood, Dept. of Aquaculture Management & Technology, Vidyasagar University, Midnapore, West Bengal 721102, India	0
An economic production lot size model for randomly imperfect production system with stock-dependent demand and rework	De M., Das B., Maiti M.	International Journal of Operational Research	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB 721102, India; Dept. of Mathematics, Sidho-Kanho-Birsha University, Purulia, WB, India	0
Assessment and modeling of fish diversity related to water bodies of Bankura district, West Bengal, India, for sustainable management	Bhattacharya M., Chini D.S., Kar A., Patra B.C., Malick	Environment, Development and Sustainability	2018		ICAR - Central Inland Fisheries Research Institute, Manirampore, Barrackpore, Kolkata, West Bengal 700 120, India; Dept. of Aquaculture Management and	0

of culture practices	R.C., Kumar Das B.				Technology, Centre For Aquaculture Research, Extension & Livelihood, Vidyasagar University, Midnapore, West Bengal 721102, India	
Integrated catalytic system between biological and non-biological materials for the biodegradation of toxic methyl-parathion into non-toxic compounds	Saha S., Rana G., Mukhopadhyay A., Mondal A., Mandal T.	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2018		Dept. of Biotechnology, Vidyasagar University, Rangamati-West-Midnapore-W.B., 721 102, India; Dept. of Biotechnology, Oriental Institute of Science and Technology, Rangamati-West-Midnapore-W.B., 721 102, India; Agricultural Chemicals, Indian Agricultural Research Institute, New Delhi, 110 012, India	0
Restoration of uterine redox-balance by methanolic extract of <i>Camellia sinensis</i> in arsenicated rats	Dey A., Chattopadhyay S., Jana S., Giri M.K., Khatun S., Dash M., Perveen H., Maity M.	Acta Biologica Szegediensis	2018		Dept. of Biomedical Laboratory Science and Management, Clinical Nutrition and Dietetics Division, (UGC Innovative Dept.), Vidyasagar University, Midnapore, West Bengal, 721102, India	0
Inventory model with demand as type-2 fuzzy number: A fuzzy differential equation approach	Debnath B.K., Majumder P., Bera U.K., Maiti M.	Iranian Journal of Fuzzy Systems	2018		Dept. of Mathematics, National Institute of Technology, Agartala, 799046, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India	0
Controlling GHG emission from industrial waste perusal of production inventory model with fuzzy pollution parameters	Manna A.K., Dey J.K., Mondal S.K.	International Journal of Systems Science: Operations and Logistics	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, India	0
Transient magnetohydrodynamic (MHD) Casson fluid flow past an oscillating rotating vertical plate embedded in a porous medium	Das S., Banu A.S., Sensharma A., Jana R.N.	Special Topics and Reviews in Porous Media	2018		Dept. of Mathematics, University of Gour Banga, Malda, 732 103, India; Dept. of Physics, University of Gour Banga, Malda, 732 103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721 102, India	0
Quality and pricing decisions for substitutable items under imperfect production process over a random planning horizon	De M., Das B., Maiti M.	Hacettepe Journal of Mathematics and Statistics	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, WB 721102, India; Dept. of Mathematics, Sidho-Kanho-Birsha University, Purulia, WB, India	0
Influence of rotational buoyancy on magneto-	Das S., Tarafdar B.,	European Journal of	2018		Dept. of Mathematics, University of Gour Banga, Malda, 732 103, India; Dept. of	0

radiation-convection near a rotating vertical plate	Jana R.N., Makinde O.D.	Mechanics, B/Fluids			Applied Mathematics, Vidyasagar University, Midnapore, 721 102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa	
Simulation approach to solve fuzzy fixed charge multi-item solid transportation problems under budget constraint	Giri P.K., Maiti M.K., Maiti M.	International Journal of Operational Research	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Paschim-Medinipur, WB 721102, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, Purba-Medinipur, WB 721628, India	0
Mixture inventory model of lost sale and back-order with stochastic lead time demand on permissible delay in payments	Mallick R.K., Patra K., Mondal S.K.	Annals of Operations Research	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B. 721102, India; Dept. of Mathematics, Vivekananda Satavarshiki Mahavidyalaya, Manikpara, Paschim Medinipur, W.B. 721513, India	0
Bipolar fuzzy Dombi aggregation operators and its application in multiple-attribute decision-making process	Jana C., Pal M., Wang J.-Q.	Journal of Ambient Intelligence and Humanized Computing	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; School of Business, Central South University, Changsha, 410083, China	0
Trend of public library research in India: A bibliometric study	Bhui T., Sahoo S.	Library Philosophy and Practice	2018		Debra Thana S.K.S Mahavidyalay, Balichak, Paschim Midnapore, India; ICSSR Research Fellow, Dept. of Library and Information Science Vidyasagar University, Midnapore, India	0
Comparative genomics of Mycobacterium reveals evolutionary trends of M. avium complex	Saha M.S., Pal S., Sarkar I., Roy A., Das Mohapatra P.K., Sen A.	Genomics	2018		Bioinformatics Facility, Dept. of Botany, University of North Bengal, Darjeeling, 734013, India; Dept. of Microbiology, Vidyasagar University, Midnapore, 721102, India; Dept. of Microbiology, Raiganj University, Raiganj, 733134, India	0
Entropy generation analysis for magnetohydrodynamic peristaltic transport of copper-water nanofluid in a tube filled with porous medium	Das S., Chakraborty S., Sensharma A., Jana R.N.	Special Topics and Reviews in Porous Media	2018		Dept. of Mathematics, University of Gour Banga, Malda, 732 103, India; Dept. of Physics, University of Gour Banga, Malda, 732 103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721 102, India	0
Dynamics of a predator-prey model with stage-structure on both species and anti-predator behavior	Mortoja S.G., Panja P., Mondal S.K.	Informatics in Medicine Unlocked	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B.	0

					721102, India; Dept. of Applied Science, Haldia Institute of Technology, Purba Midnapore, Haldia, W.B. 721657, India	
Stability study of gain and energy resolution for GEM detector	Roy S., Rudra S., Shaw S., Chatterjee S., Chakraborty S., Adak R.P., Biswas S., Das S., Ghosh S.K., Prasad S.K., Raha S.	Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment	2018		Dept. of Physics and Centre for Astroparticle Physics and Space Science (CAPSS), Bose Institute, EN-80, Sector V, Kolkata, 700091, India; Santragachi, Jagacha, G.I.P. Colony, Howrah, West Bengal 711 112, India; Vidyasagar University, Vidyasagar University Road, Rangamati, Medinipur West Bengal 721102, India; Seacom Engineering College, JL-2: Jaladhulagori (Via Andul Mouri), Sankrail, Howrah-711 302 West Bengal, India	0
Arecoline plays dual role on adrenal function and glucose-glycogen homeostasis under thermal stress in mice	Dasgupta R., Saha I., Ray P.P., Maity A., Pradhan D., Sarkar H.P., Maiti B.R.	Archives of Physiology and Biochemistry	2018		Dept. of Zoology, University of Calcutta, Calcutta, India; Dept. of Zoology, Sarsuna College, Calcutta, India; Dept. of Zoology, Bangabasi College, Calcutta, India; Dept. of Zoology, Vidyasagar University, West Midnapore, India	0
Structural and electrical properties of Gd-doped BiFeO ₃ :BaTiO ₃ (3:2) multiferroic ceramic materials	Kar B.S., Goswami M.N., Jana P.C., Das P.S.	Journal of Materials Science: Materials in Electronics	2018		Dept. of Physics and Techno Physics, Vidyasagar University, Midnapore, West Bengal, India; Dept. of Physics, Midnapore College (Autonomous), Midnapore, West Bengal, India; Dept. of Physics, Panskura Banamali College (Autonomous), Panskura, West Bengal, India	0
Length-weight relationships of three freshwater fish species from Rupnaryan and Kangsabati River, West Bengal, India	Chini D.S., Bhattacharya M., Kar A., Malick R.C., Patra B.C., Patra S., Das B.K.	Journal of Applied Ichthyology	2018		Centre For Aquaculture Research, Extension and Livelihood, Dept. of Aquaculture Management and Technology, Vidyasagar University, Midnapore, India; ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, India; Sabang Sajani Kanta Mahavidyalaya, Lutunia, Paschim Medinipur, India	0
A study on bipolar fuzzy planar graph and its application in image shrinking	Pramanik T., Pal M., Mondal S., Samanta S.	Journal of Intelligent and Fuzzy Systems	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, Raja N. L. Khan Women's College, Midnapore, India; Dept. of Mathematics, Tamralipta Mahavidyalaya, Tamluk, India	0

Involvement of metallothionein, homocysteine and B-vitamins in the attenuation of arsenic-induced uterine disorders in response to the oral application of hydro-ethanolic extract of Moringa oleifera seed: a preliminary study	Jana S., Chattopadhyay S., Dey A., Perveen H., Dolai D.	Drug and Chemical Toxicology	2018		Dept. of Biomedical Laboratory Science and Management, and Clinical Nutrition and Dietetics division, (UGC Innovative Dept.), Vidyasagar University, Midnapore, India; Dept. of Physiology, Midnapore Medical College and Hospital, Midnapore, India	0
A multi-objective solid transportation problem with reliability for damageable items in random fuzzy environment	Pramanik S., Maity K., Kumar Jana D.	International Journal of Operational Research	2018		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721 102, India; Dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya, Bhupatinagar, Purba Medinipur, W.B., India; Dept. of Applied Science, Haldia Institute of Technology, Haldia, Purba Midna Pur, West Bengal 721657, India	0
Antigen conjugated nanoparticles reprogrammed the tumor-conditioned macrophages toward pro-immunogenic type through regulation of NADPH oxidase and p38MAPK	Chattopadhyay S., Roy S.	Cytokine	2019		Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal 721 102, India; Molecular Genetics and Therapeutics Lab, Indian Institute of Technology, Kanpur, India	0
Copper(II) and cobalt(II) complexes of 5-methyl pyrazole-3-carboxylic acid: synthesis, X-ray crystallography, thermal analysis and in vitro antimicrobial activity	Santra A., Brandao P., Jana H., Mondal G., Bera P., Jana A., Bera P.	Journal of Coordination Chemistry	2018		Post Graduate Dept. of Chemistry, Panskura Banamali College (Vidyasagar University), Panskura, West Bengal, India; Dept. of Chemistry, CICECO, University of Aveiro, Aveiro, Portugal; Dept. of Microbiology, Panskura Banamali College, Panskura, West Bengal, India	0
Evolution of Vesicular Self-Assemblies of the Salts of a Natural Triterpenoid Arjunolic Acid into Superstructured Ambidextrous Gels and Study of Their Entrapment Properties	Majumdar R., Bag B.G.	ChemistrySelect	2018		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Nano Science and Synthetic Leaf Laboratory, Center for Healthcare Science and Technology, Indian Institute of Engineering Science and Technology, Downing Hall, Shibpur, India	0
A solid transportation problem with additional constraints using Gaussian type-2 fuzzy environments	Halder Jana S., Giri D., Das B., Panigrahi G., Jana B., Maiti M.	Springer Proceedings in Mathematics and Statistics	2018		Dept. of Mathematics, Midnapore College [Autonomous], Midnapore, 721101, India; Dept. of Computer Science and Engineering, Haldia Institute of Technology, East Midnapore, Haldia, 721657, India; Dept. of	0

					Mathematics, Sidho Kanho Birsha University, Purulia, West Bengal 723104, India; Dept. of Mathematics, National Institute of Technology, Durgapur, West Bengal 713209, India; Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India	
Modulation of the recirculation region due to magneto hydrodynamic flow	Roy S., Ghoshal S., Barman K., Das V.K., Ghosh S., Debnath K.	Engineering Science and Technology, an International Journal	2018		Fluid Mechanics and Hydraulic Laboratory (FMHL), Dept. of Aerospace Engineering and Applied Mechanics, Indian Institute of Engineering Science and Technology (IEST), Shibpur, 711103, India; Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Paschim Medinipur 721102 West Bengal, India	0
Multi-objective municipal solid waste management recycling problem in fuzzy-rough environment	Pramanik S., Maity K., Jana D.K., Mukherjee A.	International Journal of Process Management and Benchmarking	2018		Dept. of Applied Mathematics with Oceanology, Computer Programming, Vidyasagar University, WB, Midnapore, Pin-721102, India; Dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya, WB, Bhupatinagar, Purba Medinipur, 721425, India; Dept. of Applied Science, Haldia Institute of Technology, West Bengal, Haldia Purba Midna Pur, 721657, India; Dept. of Chemical Engineering, Haldia Institute of Technology, WB, India	0
Interval-valued complex fuzzy sets and its application to the Malaysian economy	Selvachandran G., Pal M., Alhawari T.A.A., Salleh A.R.	International Journal of Fuzzy System Applications	2018		Dept. of Actuarial Science and Applied Statistics, UCSI University, Cheras, Malaysia; Dept. of Applied Mathematics, Vidyasagar University, Medinipur, India; Faculty of Science and Technology, Universiti Kebangsaan Malaysia, Bangi, Malaysia; School of Mathematical Sciences, Universiti Kebangsaan Malaysia, Bangi, Malaysia	0
Nano chloroquine delivery against Plasmodium berghei NK65 induced programmed cell death in	Tripathy S., Chattopadhyay S., Dash S.K.,	Asian Pacific Journal of Tropical	2018		Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore,	0

spleen	Matsabisa M.G., Roy S.	Medicine			West Bengal, 721102, India; Dept. of Pharmacology, University of the Free State, Bloemfontein, 9300, South Africa; B.S. B. E. Indian Institute of Technology, Kanpur, Uttar Pradesh, India; University of Gour Banga, Malda, West Bengal, India	
An approach towards quantification of ecosystem trophic status and health through ecological network analysis applied in Hooghly-Matla estuarine system, India	Mukherjee J., Karan S., Chakrabarty M., Banerjee A., Rakshit N., Ray S.	Ecological Indicators	2018		Systems Ecology & Ecological Modelling Laboratory, Dept. of Zoology, Visva-Bharati University, Santiniketan, 731235, India; Dept. of Environmental Science, Vidyasagar University West Bengal, India; Dept. of Conservation Biology, Durgapur Govt. College West Bengal, India; Dept. of Zoology, K.C. College, Hetampur, Birbhum West Bengal, India	0
Nodes in fuzzy block with application	Sumathi R., Sujatha R., Sundareswaran R., Sahoo S., Pal M., Pal A.	Journal of Intelligent and Fuzzy Systems	2018		Bharathiar University, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai, India; Dept. of Mathematics, SSN College of Engineering, Old Mahabalipuram Road, Chennai, Tamil Nadu, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, India; Dept. of Mathematics, National Institute of Technology Durgapur, Durgapur, India	0
HYPO: A database of human hypothetical proteins	Sundararajan V.S., Malik G., Ijaq J., Kumar A., Das P.S., Shidhi P.R., Nair A.S., Dhar P.K., Suravajhala P.	Protein and Peptide Letters	2018		Bioclues.org, Kukatpally, Hyderabad, 500072, India; Environmental Health Institute, National Environment Agency, 11 Bio polis Way, #04-03/04, Helios Block, Singapore; Dept. of Pediatrics, The Battelle Center for Mathematical Medicine, The Research Institute at Nationwide Children's Hospital, The Ohio State University, Columbus, OH, United States; Dept. of Biotechnology, Osmania University, Hyderabad, 50007, India; Uttarakhand Council for Biotechnology (UCB), Silk Park, Prem Nagar, Dehradun, 248007, India; Dept. of Microbiology, Bioinformatics Infrastructure Facility, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Computational	0

					Biology and Bioinformatics, University of Kerala, Thiruvananthapuram, Kerala 695581, India; School of Biotechnology, Jawaharlal Nehru University, New Delhi, 110067, India; Dept. of Biotechnology and Bioinformatics, Birla Institute of Scientific Research, Statue Circle, Jaipur, Rajasthan 302001, India	
Step-wise Land-class Elimination Approach for extracting mixed-type built-up areas of Kolkata megacity	Khan A., Chatterjee S., Akbari H., Bhatti S.S., Dinda A., Mitra C., Hong H., Doan Q.V.	Geocarto International	2017		Dept. of Geography, Lalbaba College, Howrah, India; Dept. of Geography, Presidency University, Kolkata, India; Heat Island Group, Building, Civil and Environmental Engineering, Concordia University, Montreal, Canada; Dept. of Geography and Planning, School of Environmental Sciences, University of Liverpool, Liverpool, UK; Dept. of Geography and Environment Management, Vidyasagar University, Midnapore, India; Dept. of Geosciences, Auburn University, Auburn, AL, USA; Jiangxi Provincial Meteorological Observatory, Jiangxi Meteorological Bureau, Nanchang, China; Center for Computational Sciences, University of Tsukuba, Tsukuba, Japan	0
Discrimination and classification of mangrove forests using EO-1 Hyperion data: a case study of Indian Sundarbans	Kumar T., Mandal A., Dutta D., Nagaraja R., Dadhwal V.K.	Geocarto International	2017		Regional Remote Sensing Centre-East, National Remote Sensing Centre, Indian Space Research Organisation, Kolkata, India; Dept. of Remote Sensing and GIS, Vidyasagar University, Midnapore, India; National Remote Sensing Centre, Indian Space Research Organisation, Hyderabad, India; Indian Institute of Space Science and Technology, Dept. of Space, Government of India, Thiruvananthapuram, India	
Agricultural level of development: a comparative study between project and non-project area of JSW Bengal Steel Ltd. at Sundra Basin of Salboni block, Paschim Medinipur, West Bengal, India	Shee S.P., Maiti R.	City, Territory and Architecture	2017		Vidyasagar University, Paschim Medinipur, West Bengal 721102, India	
From Surveys to Management: The Early Colonial State	Bhattacharya U.	Indian Historical Review	2017		Vidyasagar University, Midnapur, West Bengal, India	

Intervention in Water Resources of Bengal					
Solving fuzzy transportation problem using multi-choice goal programming	Maity G., Roy S.K.	Discrete Mathematics, Algorithms and Applications	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, 721102, India
Factual open cloze question generation for assessment of learner's knowledge	Das B., Majumder M.	International Journal of Educational Technology in Higher Education	2017		Dept. of Information Technology, Haldia Institute of Technology, Haldia, West Bengal, 721657, India; Dept. of Computer Centre, Vidyasagar University Midnapore, West Bengal, 721102, India
Slip flow of nanofluid past a vertical plate with ramped wall temperature considering thermal radiation	Das S., Sensharma A., Jana R.N., Sharma R.P.	Journal of Nanofluids	2017		Dept. of Mathematics, University of Gour Banga, Malda732103, India; Dept. of Physics, University of Gour Banga, Malda732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, JECRC University, Jaipur, Rajasthan 303905, India
Physicochemical investigation on the pulmonary surfactant of some vertebrates	Mukherjee S., Prestidge C.A., Orgeig S., Panda A.K., Moulik S.P.	Journal of Surface Science and Technology	2017		Centre for Surface Science, Dept. of Chemistry, Jadavpur University, Kolkata, West Bengal 700032, India; Sansom Institute for Health Research, School of Pharmacy and Medical Sciences, University of South Australia, Adelaide, SA 5000, Australia; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India
Signed Edge Domination Number of Interval Graphs	Sinha A.K., Rana A., Pal A.	Electronic Notes in Discrete Mathematics	2017		Dept. of Mathematics, NSHM Knowledge Campus-Durgapur, Maulana Abul Kalam Azad University of Technology, Durgapur, 713212, India; Dept. of Mathematics, Narajole Raj College, Vidyasagar University, Paschim Medinipur, Narajole, West Bengal 721211, India; Dept. of Mathematics, National Institute of Technology Durgapur, Durgapur, West Bengal 713209, India
The role of Dermcidin isoform-2 in the occurrence and severity of Diabetes	Bhattacharya S., Khan M.M., Ghosh C., Bank S., Maiti S.	Scientific Reports	2017		Sinha Institute of Medical Science and Technology West Bengal, India; PG Dept. of Biochemistry, Cell and Molecular Therapeutics Laboratory, Oriental Institute of Science and Technology, Midnapore, West

					Bengal, India; Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India
Lattice for nested rough approximation	Roy S.K., Rana D.	Journal of Discrete Mathematical Sciences and Cryptography	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India
On $(\hat{a} \oplus \hat{b}, \hat{a} \oplus \hat{b} \oplus \hat{q}^2)$ -fuzzy soft bci-algebras	Jana C., Pal M.	Missouri Journal of Mathematical Sciences	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India
On degrees of m-polar fuzzy graphs with application	Ghorai G., Pal M.	Journal of Uncertain Systems	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India
Approximation of bandwidth for the interactive operation in video on demand system	Kanrar S., Mandal N.K.	Proceedings of the International Conference on IoT in Social, Mobile, Analytics and Cloud, I-SMAC 2017	2017		Dept. of Computer Science, Vidyasagar University, Midnapore, 02, India; Dept. of Electrical Engineering, UEM University, Calcutta, 160, India
Two-Level Supply Chain of a Seasonal Deteriorating Item with Time, Price, and Promotional Cost Dependent Demand Under Finite Time Horizon	Pakhira N., Maiti M.K., Maiti M.	American Journal of Mathematical and Management Sciences	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University West Bengal, India; Dept. of Mathematics, Mahishadal Raj College, Mahishadal, Purba-Medinipur, West Bengal, India
Attenuation of the cyproterone acetate-induced testicular hypofunction by a novel nutraceutical lycopene: a genomic approach	Tripathy A., Ghosh A., Dey A., Pakhira B.P., Ghosh D.	Andrologia	2017		Molecular Medicine and Nutrigenomics Research Laboratory, Dept. of Bio-Medical Laboratory Science and Management, Vidyasagar University, West Bengal, India
Impact of parasitic resistances on the electrical characteristics of a SiC MESFET	Dutta S.	Superlattices and Microstructures	2017		Dept. of Electronics, Vidyasagar University, Midnapur, West Bengal 721102, India; Dept. of Electronic Science, University of Calcutta, 92 A.P.C. Road, Kolkata, 700009, India
A comprehensive review on food and medicinal prospects of astraeus hygrometricus	Biswas G., Nandi S., Kuila D., Acharya K.	Pharmacognosy Journal	2017		Dept. of Botany and Forestry, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Botany, Molecular

					and Applied Mycology and Plant Pathology Laboratory, University of Calcutta, 35, Ballygunge Circular Road, Kolkata, West Bengal 700019, India	
Unmasking the masked gendered sociability: A case of the Indian software industry	Bhattacharyya A.	Marginalities in India: Themes and Perspectives	2017		Dept. of Sociology, Vidyasagar University, Midnapore, West Bengal, India	
Reassessing the socio-economic condition among Muslim and Hindus: Comparative accounts	Panda S.	Marginalities in India: Themes and Perspectives	2017		Dept. of Anthropology, Vidyasagar University, Midnapore, India	
Preface	Bhattacharyya A., Basu S.	Marginalities in India: Themes and Perspectives	2017		Dept. of Sociology, Vidyasagar University, Midnapore, West Bengal, India; School of Social Sciences, Central University of Gujarat, Gandhinagar, Gujarat, India	
Marginalities in India: Themes and perspectives	Bhattacharyya A., Basu S.	Marginalities in India: Themes and Perspectives	2017		Dept. of Sociology, Vidyasagar University, Midnapore, West Bengal, India; School of Social Sciences, Central University of Gujarat, Gandhinagar, Gujarat, India	
Situating marginalities in India: An introduction	Bhattacharyya A., Basu S.	Marginalities in India: Themes and Perspectives	2017		Dept. of Sociology, Vidyasagar University, Midnapore, West Bengal, India; School of Social Sciences, Central University of Gujarat, Gandhinagar, Gujarat, India	
The empire, its law and the bankruptcy of anthropologists	Guha A.	Economic and Political Weekly	2017		Dept. of Anthropology, Vidyasagar University, Midnapore, West Bengal, India	
Evaluation of Work-Related Musculoskeletal Disorders and Postural Stress of Female 'Jari' Workers	Pal A., Dhara P.	Indian Journal of Occupational and Environmental Medicine	2017		Dept. of Physiology, Panskura Banamali College, Purba Midnapore, India; Ergonomics and Sports Physiology Division, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore, West Bengal, India	
Hall Effects on Unsteady MHD Reactive Flow Through a Porous Channel with Convective Heating at the Arrhenius Reaction Rate	Das S., Patra R.R., Jana R.N., Makinde O.D.	Journal of Engineering Physics and Thermophysics	2017		Dept. of Mathematics, University of Gour Banga, Malda, 732 103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721 102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa	
Studies on serum biochemical parameters of trop T+ or trop T ⁺ cardiac patients and evaluation of risk factors for disease outcome with a correlation to dyslipidemic rat experiment	Khan M., Jana P., De S.K., Maiti S.	Comparative Clinical Pathology	2017		Post Graduate Dept. of Biochemistry, Cell & Molecular Therapeutics Laboratory, Oriental Institute of Science and Technology, Rangamati, Midnapore, WB 721102, India; Dept. of Zoology, Vidyasagar University, Midnapore, 721102, India	

Bed roughness and grain sorting-an experimental study over fine to medium sand beds	Purkait B., Das Majumdar D., Mazumder R.	International Journal of Sediment Research	2017		Geological Studies Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata, 700035, India; Dept. of Remote Sensing & GIS, Vidyasagar University, Midnapore, West-Bengal 721102, India; School of Biology, Earth and Environmental Sciences, University of New South Wales, Sydney, NSW 2052, Australia
Bundle pricing strategies for two complementary products with different channel powers	Giri R.N., Mondal S.K., Maiti M.	Annals of Operations Research	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India
Design of a Directional Coupler based on UV-Induced LiNbO ₃ Waveguides	Ghosh T., Samanta B., Jana P.C., Ganguly P.	Journal of Optical Communications	2017		Dept. of Physics, Jhargram Raj College, Jhargram, 721507, India; Dept. of Physics, Panskura Banamali College, Panskura, 721152, India; Dept. of Physics and Technophysics, Vidyasagar University, Midnapur, 721102, India; Advanced Technology Development Centre, Indian Institute of Technology, Kharagpur, 721302, India
Potential targetability of multi-walled carbon nanotube loaded with silver nanoparticles photosynthesized from Ocimum tenuiflorum (tulsi extract) in fertility diagnosis	Jha P.K., Jha R.K., Rout D., Gnanasekar S., Rana S.V.S., Hossain M.	Journal of Drug Targeting	2017		School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, India; Ministry of Environment Forest & Climate Change, National Institute of Animal Welfare, GOI, Faridabad, India; Dept. of Chemistry, Jhargram Raj College, Jhargram, Midnapore, West Bengal, India; Dept. of Biotechnology, Bharathidasan University, Tiruchirappalli, India; Dept. of Zoology and Toxicology, CCS University, Meerut, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, India
Study of the useful characteristics of the red pigments of Serratia marcescens strains isolated from the soil	Mandal R., Adhikari A., Rana G., Mandal T.	Journal of Applied Pharmaceutical Science	2017		Dept. of Biotechnology, Vidyasagar University, Rangamati, West Midnapore, West Bengal, 721102, India
Second-order slip flow of magneto-nanofluids along a stretching cylinder with prescribed heat flux	Das S., Sensharma A., Jana R.N., Makinde O.D.	Journal of Nanofluids	2017		Dept. of Mathematics, University of Gour Banga, Malda732103, India; Dept. of Physics, University of Gour Banga, Malda732103, India; Dept. of Applied Mathematics, Vidyasagar University,

					Midnapur, 721102, India; Faculty of Military Science, Stellenbosch University, Private Bag X2, Saldanha, 7395, South Africa
Stability of nanofluid flow through a vertical channel with wall thermal conductance and radiation	Das S., Sensharma A., Jana R.N., Sharma R.P.	Journal of Nanofluids	2017		Dept. of Mathematics, University of Gour Banga, Malda732103, India; Dept. of Physics, University of Gour Banga, Malda732103, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, JECRC University, Jaipur, Rajasthan 303905, India
Have we learnt from singur? A retrospect	Guha A.	Economic and Political Weekly	2017		Vidyasagar University, West-Bengal, India
Link prediction in social networks	Samanta S., Pal M.	Graph Theoretic Approaches for Analyzing Large-Scale Social Networks	2017		Tamralipta Mahavidyalaya, India; Vidyasagar University, India
Fabrication and characterization of Al/n-CdSe Schottky barrier under different annealing temperatures	Manna A., Saha S., Saha S.C.	Chalcogenide Letters	2017		Dept. of Electronics, Vidyasagar University, Paschim MidnapurWest Bengal 721 102, India; Dept. of Physics and Technophysics, Vidyasagar University, Paschim MidnapurWest Bengal 721 102, India
Nutritional status among children and adolescents aged 6-18 years of Kolam tribe of Andhra Pradesh, India	Bharthi K., Ghritlahre M., Das S., Bose K.	Anthropological Review	2017		Dept. of Sociology and Social Anthropology, College of Social Sciences and Humanities, Chamo Campus, Arba Minch University, Arba Minch, Ethiopia; Dept. of Anthropology and Tribal Development, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, India; Dept. of Anthropology, Vidyasagar University, Medinipur, West Bengal, India
Biopulping of lignocellulose	Jana A., Ghosh D., Dasgupta D., Das Mohapatra P.K., Mondal K.C.	Lignocellulosic Production and Industrial Applications	2017		Biotechnology Conversion Area, Bio Fuels Division, CSIR-Indian Institute of Petroleum, Dehradun, Uttarakhand, India; Dept. of Microbiology, Vidyasagar University, Midnapore, West Bengal, India
Hydrogen containing fuel gas generation from organic wastes using photon activated magnesium metal catalyst	Rana G., Mandal T., Mandal N.K., Mandal S.	South African Journal of Chemical Engineering	2017		Bioconversion Laboratory, Dept. of Biotechnology, Vidyasagar UniversityWest Bengal, India; Dept. of Electrical Engineering, University of Engineering & ManagementWest Bengal, India; Center for

					Research in Computer Science (CRCV), Dept. of Computer Science, University of Central Florida, United States
First report of Megodontolaimus coxbazari Timm, 1969 (Nematoda: Chromadorida) from the Indian coast	Datta T.K., De Jes's Navarrete A., Chakraborty S.K., Mohapatra A.	Marine Biodiversity	2017		Marine Aquarium and Regional Centre, Zoological Survey of India, Digha, West Bengal, India; Dept. of Systematics and Aquatic Ecology, ECOSUR, Chetumal, Mexico; Dept. of Zoology, Vidyasagar University, Midnapore, West Bengal, India
Theoretical investigation of the molecular structure and spectroscopic properties of oxicams	Pacheco A.G., Salgado-Mor'n G., Gerli-Candia L., Ram'ez-Tagle R., Glossman-Mitnik D., Misra A., de Carvalho Alc'ntara A.F.	Journal of Structural Chemistry	2017		Instituto Federal de Educa'õo Ci'ncia e Tecnologia do Sul de Minas Gerais, Inconfidentes, Brazil; Departamento de Ciencias, Facultad de Ciencias Exactas, Universidad Andr's Bello, Concepci'n, Chile; Departamento de Qu'mica Ambiental, Facultad de Ciencias, Universidad Cat'lica de la Sant'sima Concepci'n, Concepci'n, Chile; Facultad de Ingenier'a, Ciencia y Tecnolog'a, Universidad Bernardo O' Higgins, Santiago, Chile; Laboratorio Virtual NANOCOSMOS, Centro de Investigaci'n em Materiales Avanzados, Chihuahua, Mexico; Vidyasagar University, Midnapore, India; Universidade Federal de Minas Gerais, Belo Horizonte, Brazil
Characterization of magnetic phase in yttrium-doped polycrystalline $La_{1-x}Y_yCa_xMnO_3$ with $x=0.05, 0.33$ and $y=0.07$ using dielectric and optical parameters	Ghosh T.N., Nandi U.N., Jana D., Paramanik T.	Physica B: Condensed Matter	2017		Dept. of Electronics, Vidyasagar University, Midnapore-721 102, West Bengal, India; Dept. of Physics, Scottish Church College, 1 & 3, Urquhart Square, Kolkata, -700 006, India; Dept. of Physics, University of Calcutta, 92, A P C Road, Kolkata, -700 009, India; Dept. of Condensed Matter Physics and Material Sciences S. N. Bose National Centre for Basic Sciences, Block-JD, Sector-III, Salt Lake, Kolkata, -700106, India
An efficient novel single fault and its location detection technique using multiple droplets in a Digital Microfluidic Biochip	Majumder M., Dolai U., Bhattacharya A.	Proceedings of 2017 11th International Conference on Intelligent Systems and Control, ISCO	2017		Dept. of Computer Centre, Vidyasagar University, Midnapore, India

		2017			
Heteroglycan of an edible mushroom <i>Pleurotus cystidiosus</i> : Structural characterization and study of biological activities	Panda B.C., Maity P., Nandi A.K., Pattanayak M., Manna D.K., Mondal S., Tripathy S., Roy S., Acharya K., Islam S.S.	International Journal of Biological Macromolecules	2017		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore West Bengal 721102, India; Dept. of Chemistry, Panskura Banamali College, Purba Medinipur West Bengal 721152, India; Immunology and Microbiology Laboratory, Dept. of Human Physiology with Community Health, Vidyasagar University, Midnapore West Bengal 721 102, India; Molecular and Applied Mycology and Plant Pathology Laboratory, Dept. of Botany, University of Calcutta, 35, Ballygunge Circular Road, Kolkata, West Bengal 700019, India
Measurement of body composition by upper arm anthropometry	De K.	Current Pediatric Research	2017		Vidyasagar University West Bengal, India
The Calcutta cyclone of 1737: Cyclone or earthquake?	Chakrabarti R.	Force of Nature: Essays on History and Politics of Environment	2017		Vidyasagar University West Bengal, India
Exploring the semantic organization of Bangla words in the mental lexicon	Dutta R., Jana B., Majumder M.	Procedia Computer Science	2017		Hijli College, Kharagpur West Bengal, 721306, India; Vidyasagar University, Midnapore West Bengal, 721102, India
Buddha on Freud's desk: The east sets Freud on a post-therapeutic journey	Bandyopadhyay D.	Imperial Maladies: Literatures on Healthcare and Psychoanalysis in India	2017		Dept. of English, Vidyasagar University, Midnapore, West Bengal, India
Lawrence's response to Futurism in the letters vis-À-vis his representation of "what the woman is" in <i>The Rainbow</i>	Ghosh J.	Rupkatha Journal on Interdisciplinary Studies in Humanities	2017		Dept. of English, Vidyasagar University, Midnapore, West Bengal, India
Women, serpent and devil: Female devilry in hindu and biblical myth and its cultural representation: A comparative study	Chakraborty S.	Journal of International Women's Studies	2017		Dept. of English, Vidyasagar University, West Bengal, India
Monitoring vertical cliffs, embayments and shore platform	Paul A., Bandyopadhyay	38th Asian Conference on	2017		Dept. of Remote Sensing and GIS, Vidyasagar University, Midnapore, West

morphology in parts of Neil island, South Andaman using spatial information technology	J., Paul A.Kr.	Remote Sensing - Space Applications: Touching Human Lives, ACRS 2017			Bengal 721102, India; Dept. of Geography and EM, Vidyasagar University, Midnapore, West Bengal 721102, India
A mathematical model for the 3-D dynamics of lee wave across a meso-scale mountain corner	Das P., Dutta S., Mondal S.K.	Mausam	2017		Dept. of Mathematics, Ramananda College, Bishnupur, Bankura, WB, India; India Meteorological Dept., Pune, 411 005, India; Vidyasagar University, Midnapore, West Bengal, India
Willingness to Pay for Improved Water Services: A Case of Darjeeling, India	Tamang P., Jana S.K.	Asian Journal of Water, Environment and Pollution	2017		Dept. of Economics, Presidency University, Kolkata, India; Dept. of Economics, Vidyasagar University, Midnapore, India
Imprecise constrained covering solid travelling salesman problem with credibility	Mukherjee A., Maity S., Panigrahi G., Maiti M.	Communications in Computer and Information Science	2017		Dept. of Mathematics, National Institute of Technology Durgapur, Durgapur, West Bengal 713209, India; Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, West Bengal 721102, India
Cut-off point estimation of neck circumference to determine overweight and obesity among Asian Indian adults	Mondal N., Timungpi R., Kathar M., Hanse S., Teronpi S., Timung A., Bose K., Sen J.	Epidemiology Biostatistics and Public Health	2017		Dept. of Anthropology, Assam University, Diphu Campus, Diphu, Karbi Anglong, Assam, India; Dept. of Anthropology, Vidyasagar University, Midnapore West Bengal, India; Dept. of Anthropology, Vidyasagar University, Midnapore Assam, India; Dept. of Anthropology, North Bengal University, Raja Rammohunpur, Darjeeling, West Bengal, India
Dual-image based reversible data hiding scheme through pixel value differencing with exploiting modification direction	Biswapati J., Debasis G., Kumar M.S.	Advances in Intelligent Systems and Computing	2017		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Computer Science and Engineering, Haldia Institute of Technology, Haldia, West Bengal 721657, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal 721102, India
An opposition based differential evolution to solve multiple	Pramanik S., Setua S.K.	Communications in Computer and	2017		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal, India;

sequence alignment		Information Science			Dept. of Computer Science and Engg, University of Calcutta, Kolkata, West Bengal, India
Risk analysis in a production system using fuzzy cognitive map	Patra K., Mondal S.K.	International Journal of Mathematics in Operational Research	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, W.B. 721102, India
Hamming code-based watermarking scheme for image authentication and tampered detection	Pal P., Chowdhuri P., Jana B., Bhaumik J.	Lecture Notes in Electrical Engineering	2017		Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Electronics and Communication Engineering, HIT, Midnapore, West Bengal 721657, India
Imperial maladies: Literatures on healthcare and psychoanalysis in India	Bandyopadhyay D., Kundu P.	Imperial Maladies: Literatures on Healthcare and Psychoanalysis in India	2017		Dept. of English, Vidyasagar University, Midnapore, West Bengal, India; Department of English, Chandrakona Vidyasagar Mahavidyalaya, Paschim Medinipur, West Bengal, India
Functional link artificial neural network for multi-label classification	Law A., Chakraborty K., Ghosh A.	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	2017		Machine Intelligence Unit, Indian Statistical Institute, Kolkata, 700108, India; Dept. of Computer Science, Vidyasagar University, Medinipur, 721102, India
Wavelet-based image compression using SPIHT and windowed huffman coding with limited distinct symbol and itâ€™s variant	Nandi U., Mandal J.K.	Advances in Intelligent Systems and Computing	2017		Dept. of Computer Science, Vidyasagar University, Minapore, West Bengal 721102, India; Dept. of Computer Science and Engineering, University of Kalyani, Nadia West Bengal 741235, India
A mitogenomic exploration of the phylogeny and evolution of extant anurans	Pratihari S., Dutta S.K., Bhattacharya M., Clark H.	Russian Journal of Herpetology	2017		Sukumar Sengupta Mahavidyalaya, Paschim Medinipur, Keshpur, West Bengal 721150, India; Nature Environment and Wildlife Society, Nature House, Gaudasahi, Angul, Odisha, India; Aquaculture Research Unit, Vidyasagar University, Midnapore, West Bengal, India; Colibri Ecological Consulting, Fresno, CA, United States

Preface	Bandyopadhyay D., Kundu P.	Imperial Maladies: Literatures on Healthcare and Psychoanalysis in India	2017		Dept. of English, Vidyasagar University, Midnapore, West Bengal, India; Department of English, Chandrakona Vidyasagar Mahavidyalaya, Paschim Medinipur, West Bengal, India
Agent based IDS using RMBOPB technique in MANET	Hassan K.L., Bera S., Bag P.	Communications in Computer and Information Science	2017		Dept. of Computer Science and Engineering, Aliah University, Kolkata, West Bengal, India; Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal, India
Models for solid transportation problems in logistics using particle swarm optimisation algorithm and genetic algorithm	Baidya A., Bera U.K., Maiti M.	International Journal of Logistics Systems and Management	2017		Dept. of Mathematics, National Institute of Technology, Agartala, Jirania, West Tripura, 799055, India; Dept. of Applied Mathematics, Vidyasagar University, Midnapore, WB, 721102, India
Extended directional IPVO for reversible data hiding scheme	Meikap S., Jana B.	Lecture Notes in Electrical Engineering	2017		Dept. of Computer Science, Hijli College, Paschim Midnapore, West Bengal 721306, India; Dept. of Computer Science, Vidyasagar University, Midnapore, 721102, India
Hyperspectral image analysis for iron mineral exploration and spectral unmixing study in Kiriburu and Meghahataburu Mining Areas, West Singbhum, Jharkhand	Kayet N., Pathak K., Chakrabarty A., Sahoo S.	38th Asian Conference on Remote Sensing - Space Applications: Touching Human Lives, ACRS 2017	2017		Dept. of Remote Sensing and GIS, Vidyasagar University, Midnapore, India; Dept. of Mining Engineering, Indian Institute of Technology, Kharagpur, Kharagpur, India; Dept. of Remote Sensing and GIS, Vidyasagar University, Midnapore, India; School of Water Resources, Indian Institute of Technology, Kharagpur, India
Computation of inverse 1-centre location problem on the weighted interval graphs	Jana B., Mondal S., Pal M.	International Journal of Computing Science and Mathematics	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India; Dept. of Mathematics, Raja N. L. Khan Women's College, Gope Palace, Paschim Medinipur, 721102, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721102, India
Palladium-Catalyzed Intramolecular Cyclization: Access to Rare Pentacyclic N-Fused Heterocycles	Kumar Mondal S., Ali S.A., Kumar Manna S., Mandal A., Kumar Senapati	ChemistrySelect	2017		Dept. of Chemistry, Bidhannagar College, Kolkata, 700064, India; Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Chemistry, Prabhat

	B., Hossain M., Samanta S.				Kumar College, Contai, 721401, India
Solving a solid transportation problems through fuzzy ranking	Halder(Jana) S., Das B., Panigrahi G., Maiti M.	Lecture Notes in Electrical Engineering	2017		Dept. of Mathematics, Midnapore College, Midnapore, India; Dept. of Mathematics, Sidho Kanho Birsha University, Purulia, India; Dept. of Mathematics, NIT Durgapur, Durgapur, India; Dept. of Mathematics, Vidyasagar University, Midnapore, India
Synthesis of a Naturally Occurring Plant Alkaloid Berberine Analogue and Its Application in Nanomolar Selective Detection of Hydrazine in Free and DNA-Binding Situation.	Jana G.C., Nayim S., Khatun M., Das S., Patra A., Sahoo N.K., Jha P.K., Mandal S., Chaudhuri K., Hossain M.	ChemistrySelect	2017		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal 721102, India; School of Medical Science and Technology, Indian Institute of Technology, Kharagpur, 721302, India; Molecular and Human Genetics Divison, Indian Institute of Chemical Biology, Kolkata, West Bengal 700032, India
Incorporation of ghee residue as feed ingredient for Labeo rohita fingerlings	Singh P., Paul B.N., Rana G.C., Mandal R.N., Chakrabarti P.P., Giri S.S.	Animal Nutrition and Feed Technology	2017		Regional Research Centre of Central, Institute of Freshwater Aquaculture Rahara, Kolkata, 700 118, India; Dept. of Aquaculture Management and Technology, Vidyasagar University, Midnapore, 721102, India; Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswar, 751002, India
Soft congruence relation over lattice	Bera S., Roy S.K., Karaaslan F.	Hacettepe Journal of Mathematics and Statistics	2017		Dept. of Applied Mathematics with Oceanology, Computer Programming Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Mathematics, Añankiri Karatekin University, Añankiri, 18100, Turkey; Dept. of Mathematics, University of Gaziosmanpasa, Tokat, 60100, Turkey
Prices and order quantities of substitutable products in an EPQ model over different uncertain finite budget constraints	Das R.L., Jana R.K., De M., Maiti M.	Journal of Intelligent and Fuzzy Systems	2017		Dept. of Applied Mathematics and Humanities, Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat, 395007, India; Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, West Bengal, India
Air temperature variability and trend analysis by non-parametric test for Kolkata observatory, West	Khan A., Chatterjee S., Bisai D.	Indian Journal of Geo-Marine Sciences	2017		Dept. of Geography and Environment Management, Vidyasagar University, Midnapore, 721102, India; Dept. of

Bengal, India					Geography, Presidency University, Kolkata, 700073, India; Dept. of Geography, Egra S.S.B.College, Egra, 721429, India
Stochastic bi level programming with multi-choice for Stackelberg game via fuzzy programming	Roy S.K., Maiti S.K.	International Journal of Operational Research	2017		Dept. of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University, Midnapore, 721 102, India; School of Applied Sciences and Humanities, Haldia Institute of Technology, Purba Midnapore, 721 157, India
Production and environmental performances of selected steel plants in India: An empirical investigation	Paul B.D., Sinha M., Kumar Jana S., Pratim Sengupta P.	International Journal of Economic Research	2017		Dept. of Hospital Management, NSHM Knowledge Campus - Durgapur, West-Bengal, 713212, India; Dept. of Humanities and Social Sciences, National Institute of Technology Durgapur, West-Bengal, 713209, India; Dept. of Economics with Rural Development, Vidyasagar University, Midnapore-West-Bengal, 721102, India
Representation and exploring the semantic organization of Bangla word in the mental lexicon: Evidence from cross-modal priming experiments and vector space model	Dutta R., Jana B., Majumder M.	Lecture Notes in Electrical Engineering	2017		Dept. of Computer Science, Hijli College, Kharagpur, West Bengal 721306, India; Dept. of Computer Science, Vidyasagar University, Midnapore, West Bengal 721102, India; Dept. of Computer Science and application, University of North Bengal, Darjeeling, West Bengal 734014, India
First Hierarchical Self-Assembly of a Seco-Triterpenoid \pm -Onocerin Yielding Supramolecular Architectures	Bag B.G., Hasan S.N., Pongpamorn P., Thasana N.	ChemistrySelect	2017		Dept. of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, 721102, India; Chulabhorn Graduate Institute, Chemical Biology Program Chulabhorn Royal Academy, Laksi, Bangkok, 10210, Thailand; Chulabhorn Research Institute, Laksi, Bangkok, 10210, Thailand; Center of Excellence on Environmental Health and Toxicology (EHT), CHE, Ministry of Education, Thailand

Sum of times cited: 502

Sum of times cited without self-citations: 337

Average citations per item: 1.58

Table 2: Data from Web of Science (2017-18)

Title of the paper	Name of the Authors	Title of the journals	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication
Green synthesized silver nanoparticles destroy multidrug resistant bacteria via reactive oxygen species mediated membrane damage	Das, Balaram; Dash, Sandeep Kumar; Mandal, Debasish; Ghosh, Totan; Chattopadhyay, Sourav; Tripathy, Satyajit; Das, Sabyasachi; Dey, Sankar Kumar; Das, Debasis; Roy, Somenath	ARABIAN JOURNAL OF CHEMISTRY	2017	29	[Das, Balaram; Dash, Sandeep Kumar; Mandal, Debasish; Chattopadhyay, Sourav; Tripathy, Satyajit; Das, Sabyasachi; Roy, Somenath] Vidyasagar Univ, Dept Human Physiol Community Hlth, Immunol & Microbiol Lab, Midnapore 721102, W Bengal, India; [Ghosh, Totan; Das, Debasis] Univ Calcutta, Dept Chem, 92 APC Rd, Kolkata 700009, India; [Dey, Sankar Kumar] Santal Bidroha Sardha Satabarsiki Mahavidyalaya, Dept Physiol, Paschim Midnapore 711221, W Bengal, India

Reduced Graphene Oxide - Zinc Sulfide Composite for Solar Light Responsive Photo Current Generation and Photocatalytic 4-Nitrophenol Reduction	Ibrahim, S. K.; Chakrabarty, Sankalpita; Ghosh, Surajit; Pal, Tanusri	CHEMISTRYSELECT	2017	18	[Ibrahim, S. K.; Chakrabarty, Sankalpita; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Pal, Tanusri] Vidyasagar Univ, Dept Phys, Midnapore 721102, India
Product of intuitionistic fuzzy graphs and degree	Sahoo, Sankar; Pal, Madhumangal	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2017	14	[Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Fuzzy -tolerance competition graphs	Pramanik, Tarasankar; Samanta, Sovan; Sarkar, Biswajit; Pal, Madhumangal	SOFT COMPUTING	2017	13	[Pramanik, Tarasankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Sarkar, Biswajit] Hanyang Univ, Dept Ind & Management Engn, Ansan Gyeonggi Do 426791, South Korea; [Samanta, Sovan] Joykrishnapur High Sch HS, Dept Math, Tamluk 721649, India
Aggregation induced emission enhancement from antipyrine-based schiff base and its selective sensing towards picric acid	Maity, Samir; Shyamal, Milan; Das, Debasish; Mazumdar, Prativa; Sahoo, Gobinda P.; Misra, Ajay	SENSORS AND ACTUATORS B-CHEMICAL	2017	11	[Maity, Samir; Shyamal, Milan; Das, Debasish; Mazumdar, Prativa; Sahoo, Gobinda P.; Misra, Ajay] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
One step synthesis of functionalized carbon dots for the ultrasensitive detection of Escherichia coli and iron (III)	Chandra, Soumen; Mahto, Triveni Kumar; Chowdhuri, Angshuman Ray;	SENSORS AND ACTUATORS B-CHEMICAL	2017	11	[Chandra, Soumen; Mahto, Triveni Kumar; Chowdhuri, Angshuman Ray; Sahu, Sumanta Kumar] Indian Inst Technol ISM, Dept Appl

	Das, Balam; Sahu, Sumanta Kumar				Chem, Dhanbad 826004, Jharkhand, India; [Das, Balam] Vidyasagar Univ, Dept Human Physiol Community Hlth, Immunol & Microbiol Lab, Midnapore 721102, India
Synthesis of an efficient Pyrene based AIE active functional material for selective sensing of 2,4,6-trinitrophenol	Shyamal, Milan; Maity, Samir; Mazumdar, Prativa; Sahoo, Gobinda P.; Maity, Rakesh; Misra, Ajay	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2017	11	[Shyamal, Milan; Maity, Samir; Mazumdar, Prativa; Sahoo, Gobinda P.; Maity, Rakesh; Misra, Ajay] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, WB, India
Intuitionistic fuzzy tolerance graphs with application	Sahoo, Sankar; Pal, Madhumangal	JOURNAL OF APPLIED MATHEMATICS AND COMPUTING	2017	10	[Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Butea monosperma bark extract mediated green synthesis of silver nanoparticles: Characterization and biomedical applications	Pattanayak, Sutanuka; Mollick, Md. Masud Rahaman; Maity, Dipanwita; Chakraborty, Sharmila; Dash, Sandeep Kumar; Chattopadhyay, Sourav; Roy, Somenath; Chattopadhyay, Dipankar; Chakraborty, Mukut	JOURNAL OF SAUDI CHEMICAL SOCIETY	2017	10	[Pattanayak, Sutanuka; Chakraborty, Mukut] West Bengal State Univ, Dept Chem, Kolkata 700126, W Bengal, India; [Mollick, Md. Masud Rahaman; Maity, Dipanwita; Chattopadhyay, Dipankar] Univ Calcutta, Dept Polymer Sci & Technol, 92 APC Rd, Kolkata 700009, W Bengal, India; [Chakraborty, Sharmila] Sammilani Mahavidyalaya, Dept Microbiol, Kolkata 700094, W Bengal, India; [Dash, Sandeep Kumar; Chattopadhyay, Sourav; Roy, Somenath] Vidyasagar Univ, Immunol & Microbiol

					Lab, Dept Human Physiol Community Hlth, Midnapore 721102, W Bengal, India
Synergistic effect of zinc selenide-reduced graphene oxide towards enhanced solar light-responsive photocurrent generation and photocatalytic 4-nitrophenol degradation	Chakraborty, Koushik; Chakrabarty, Sankalpita; Pal, Tanusri; Ghosh, Surajit	NEW JOURNAL OF CHEMISTRY	2017	10	[Chakraborty, Koushik; Chakrabarty, Sankalpita; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, MB, India; [Pal, Tanusri] Midnapore Coll, Dept Phys, Midnapore 721101, MB, India
Green synthesis of silver nanoparticles using Pongamia pinnata seed: Characterization, antibacterial property, and spectroscopic investigation of interaction with human serum albumin	Beg, Maidul; Maji, Anukul; Mandal, Amit Kumar; Das, Somnath; Aktara, Mt Nasima; Jha, Pradeep K.; Hossain, Maidul	JOURNAL OF MOLECULAR RECOGNITION	2017	10	[Beg, Maidul; Maji, Anukul; Das, Somnath; Aktara, Mt Nasima; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Mandal, Amit Kumar] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W Bengal, India
Conic scalarization approach to solve multi-choice multi-objective transportation problem with interval goal	Roy, Sankar Kumar; Maity, Gurupada; Weber, Gerhard Wilhelm; Gok, Sirma Zeynep Alparslan	ANNALS OF OPERATIONS RESEARCH	2017	9	[Roy, Sankar Kumar; Maity, Gurupada] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Weber, Gerhard Wilhelm] Middle East Tech Univ, Inst Appl Math, TR-06800 Ankara, Turkey; [Gok, Sirma Zeynep Alparslan] Suleyman Demirel Univ, Fac Arts & Sci, Dept Math, TR-32260

					Isparta, Turkey
Self-assembly of Renewable Nano-sized Triterpenoids	Bag, Braja Gopal; Majumdar, Rakhi	CHEMICAL RECORD	2017	8	[Bag, Braja Gopal; Majumdar, Rakhi] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Single-Ion Magnetic Behavior in Co-II-Co-III Mixed-Valence Dinuclear and Pseudodinuclear Complexes	Manna, Soumen; Bhunia, Apurba; Mistri, Soumen; Vallejo, Julia; Zangrando, Ennio; Puschmann, Horst; Cano, Joan; Manna, Subal Chandra	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	2017	8	[Manna, Soumen; Bhunia, Apurba; Mistri, Soumen; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Vallejo, Julia; Cano, Joan] Univ Valencia, Inst Ciencia Mol ICMol, Valencia 46980, Spain; [Zangrando, Ennio] Univ Trieste, Dept Chem & Pharmaceut Sci, I-34127 Trieste, Italy; [Puschmann, Horst] Univ Durham, Dept Chem, South Rd, Durham DH1 3LE, England; [Cano, Joan] Univ Valencia, FGUV, Valencia 46980, Spain
Reduced Graphene Oxide - Zinc Phthalocyanine Composites as Fascinating Material for Optoelectronic and Photocatalytic Applications	Das, Poulomi; Chakraborty, Koushik; Chakrabarty, Sankalpita; Ghosh, Surajit; Pal, Tanusri	CHEMISTRYSELECT	2017	8	[Das, Poulomi; Pal, Tanusri] Midnapore Coll, Dept Phys, Midnapore 721101, India; [Chakraborty, Koushik; Chakrabarty, Sankalpita; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India
Desertification in western Rajasthan (India): an assessment using remote sensing derived rain-use efficiency and residual	Kundu, Arnab; Patel, N. R.; Saha, S. K.; Dutta, Dipanwita	NATURAL HAZARDS	2017	8	[Kundu, Arnab] Sam Higginbottom Inst Agr Technol & Sci, Dept Soil Water Land Engn & Management, Allahabad,

trend methods					Uttar Pradesh, India; [Kundu, Arnab] Univ Allahabad, Ctr Atmosphere Ocean & Space Studies, Allahabad, Uttar Pradesh, India; [Patel, N. R.] Indian Space Res Org, Indian Inst Remote Sensing, Dehra Dun, Uttarakhand, India; [Saha, S. K.] Ctr Space Sci & Technol Educ Asia & Pacific, Dehra Dun, Uttarakhand, India; [Dutta, Dipanwita] Vidyasagar Univ, Dept Remote Sensing & GIS, Midnapore, W Bengal, India
Nanoarchitectures by hierarchical self-assembly of ursolic acid: entrapment and release of fluorophores including anticancer drug doxorubicin	Bag, Braja Gopal; Das, Subhajit; Hasan, Sk Nurul; Barai, Abir Chandan	RSC ADVANCES	2017	8	[Bag, Braja Gopal; Das, Subhajit; Hasan, Sk Nurul; Barai, Abir Chandan] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Aggregation induced emission based "turn-off" fluorescent chemosensor for selective and swift sensing of mercury (II) ions in water	Shyamal, Milan; Maity, Samir; Maity, Ashim; Maity, Rakesh; Roy, Sumit; Misra, Ajay	SENSORS AND ACTUATORS B-CHEMICAL	2018	7	[Shyamal, Milan; Maity, Samir; Maity, Ashim; Maity, Rakesh; Roy, Sumit; Misra, Ajay] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, WB, India
Photocatalytic and Antibacterial Performance of alpha-Fe2O3 Nanostructures	Jana, T. K.; Pal, A.; Mandal, A. K.; Sarwar, S.; Chakrabarti, P.; Chatterjee, K.	CHEMISTRYSELECT	2017	7	[Jana, T. K.; Pal, A.; Chatterjee, K.] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Mandal, A. K.] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Raiganj 733134, India; [Sarwar, S.; Chakrabarti, P.] Bose Inst, Dept Biochem,

					Kolkata 700054, India
A note on "Regular bipolar fuzzy graphs" Neural Computing and Applications 21(1) (2012) 197-205	Ghorai, Ganesh; Pal, Madhumangal	NEURAL COMPUTING & APPLICATIONS	2018	6	[Ghorai, Ganesh; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Nitrogen-rich carbon nano-onions for oxygen reduction reaction	Chatterjee, Kuntal; Ashokkumar, Meiyazhagan; Gullapalli, Hemtej; Gong, Yongji; Vajtai, Robert; Thanikaivelan, Palanisamy; Ajayan, Pulickel M.	CARBON	2018	6	[Chatterjee, Kuntal; Ashokkumar, Meiyazhagan; Gullapalli, Hemtej; Gong, Yongji; Vajtai, Robert; Ajayan, Pulickel M.] Rice Univ, Dept Mat Sci & NanoEngn, Houston, TX 77005 USA; [Chatterjee, Kuntal] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Thanikaivelan, Palanisamy] CSIR Cent Leather Res Inst, Adv Mat Lab, Chennai 600020, Tamil Nadu, India
Spectroscopic investigation on interaction of biogenic, Croton bonplandianum leaves extract mediated potential bactericidal silver nanoparticles with human hemoglobin and human serum albumin	Beg, Maidul; Maji, Anukul; Mandal, Amit Kumar; Das, Somnath; Jha, Pradeep K.; Hossain, Maidul	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2018	6	[Beg, Maidul; Maji, Anukul; Das, Somnath; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Mandal, Amit Kumar] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W Bengal, India
Study of the interaction of human serum albumin with Alstonia scholaris leaf extract-mediated silver	Maji, Anukul; Beg, Maidul; Mandal, Amit Kumar; Das,	PROCESS BIOCHEMISTRY	2017	6	[Maji, Anukul; Beg, Maidul; Das, Somnath; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem

nanoparticles having bactericidal property	Somnath; Jha, Pradeep K.; Hossain, Maidul				Technol, Midnapore 721102, W Bengal, India; [Mandal, Amit Kumar] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Uttar Dinajpur, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W Bengal, India
Spectroscopic interaction study of human serum albumin and human hemoglobin with Mersilea quadrifolia leaves extract mediated silver nanoparticles having antibacterial and anticancer activity	Maji, Anukul; Beg, Maidul; Mandal, Amit Kumar; Das, Somnath; Jha, Pradeep K.; Kumar, Anoop; Sarwar, Shamila; Hossain, Maidul; Chakrabarti, Pinak	JOURNAL OF MOLECULAR STRUCTURE	2017	6	[Maji, Anukul; Beg, Maidul; Das, Somnath; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Mandal, Amit Kumar] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Uttar Dinajpur 733134, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W Bengal, India; [Kumar, Anoop] Univ North Bengal, Dept Biotechnol, ANMOL Lab, Siliguri 734013, W Bengal, India; [Sarwar, Shamila; Chakrabarti, Pinak] Bose Inst, Dept Biochem, P1-12 CIT Scheme VIIM, Kolkata 700054, W Bengal, India
A solid transportation model with product blending and parameters as rough variables	Kundu, Pradip; Kar, Mouhya B.; Kar, Samarjit; Pal, Tandra; Maiti, Manoranjan	SOFT COMPUTING	2017	6	[Kundu, Pradip] IISER Kolkata, Dept Math & Stat, Mohanpur 741252, India; [Kar, Mouhya B.] Heritage Inst Technol, Dept Comp Sci,

					Kolkata 700107, India; [Kar, Samarjit] NIT, Dept Math, Durgapur 713209, India; [Pal, Tandra] NIT, Dept Comp Sci & Engn, Durgapur 713209, India; [Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India
Imperfect production inventory model with production rate dependent defective rate and advertisement dependent demand	Manna, Amalesh Kumar; Dey, Jayanta Kumar; Mondal, Shyamal Kumar	COMPUTERS & INDUSTRIAL ENGINEERING	2017	6	[Manna, Amalesh Kumar; Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Dey, Jayanta Kumar] Mahishadal Raj Coll, Dept Math, Mahishadal 721628, WB, India
New Silver(I) Coordination Polymers with Hetero Donor Ligands: Synthesis, Structure, Luminescence Study and Photo-Catalytic Behavior	Kulovi, Somnath; Dalbera, Subrata; Das, Somnath; Zangrando, Ennio; Puschmann, Horst; Dalai, Sudipta	CHEMISTRYSELECT	2017	5	[Kulovi, Somnath; Dalbera, Subrata; Das, Somnath; Dalai, Sudipta] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Zangrando, Ennio] Univ Trieste, Dept Chem & Pharmaceut Sci, I-34127 Trieste, Italy; [Puschmann, Horst] Univ Durham, Dept Chem, Darham DH1 3LE, England
1D, 2D, and 2D Parallel Interpenetrated Dicarboxylato Bridged Co(II) Metal Organic Frameworks: Synthesis, Crystal Structure, Fluorescence Sensing and Band Gap Calculation	Mistri, Soumen; Zangrando, Ennio; Vojtisek, Pavel; Manna, Subal Chandra	CHEMISTRYSELECT	2017	5	[Mistri, Soumen; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Zangrando, Ennio] Univ Trieste, Dept Chem & Pharmaceut Sci, I-34127

					Trieste, Italy; [Vojtisek, Pavel] Charles Univ Prague, Dept Inorgan Chem, Hlavova 2030-8, Prague 12843 2, Czech Republic
Intramolecular macrolactonization, photophysical and biological studies of new class of polycyclic pyrrole derivatives	Mondal, Suresh Kumar; Mandal, Arabinda; Manna, Susanta Kumar; Ali, Sk Asraf; Hossain, Maidul; Venugopal, Vangala; Jana, Avijit; Samanta, Shubhankar	ORGANIC & BIOMOLECULAR CHEMISTRY	2017	5	[Mondal, Suresh Kumar; Mandal, Arabinda; Manna, Susanta Kumar; Ali, Sk Asraf; Samanta, Shubhankar] Bidhannagar Coll, Dept Chem, Kolkata 700064, India; [Mondal, Suresh Kumar; Manna, Susanta Kumar; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Venugopal, Vangala; Jana, Avijit] CSIR Indian Inst Chem Technol, Ctr Chem Biol, Hyderabad 500007, Andhra Pradesh, India; [Jana, Avijit] CSIR Indian Inst Chem Technol, Div Nat Prod Chem, Hyderabad 500007, Andhra Pradesh, India; [Jana, Avijit] CSIR Indian Inst Chem Technol, Acad Sci & Innovat Res AcSIR, Hyderabad 500007, Andhra Pradesh, India
Structural characterization and antioxidant activity of a glucan from <i>Meripilus giganteus</i>	Maity, Prasenjit; Nandi, Ashis K.; Manna, Dilip K.; Pattanayak, Manabendra; Sen, Ipsita K.; Bhanja, Sunil K.; Samanta, Surajit;	CARBOHYDRATE POLYMERS	2017	5	[Maity, Prasenjit; Nandi, Ashis K.; Manna, Dilip K.; Pattanayak, Manabendra; Sen, Ipsita K.; Bhanja, Sunil K.; Samanta, Surajit; Panda, Bibhash C.; Islam, Syed S.] Vidyasagar Univ, Dept Chem & Chem Technol,

	Panda, Bibhash C.; Paloi, Soumitra; Acharya, Krishnendu; Islam, Syed S.				Midnapore 721102, W Bengal, India; [Paloi, Soumitra; Acharya, Krishnendu] Univ Calcutta, Dept Bot, Mol & Appl Mycol & Plant Pathol Lab, 35 Ballygunge Circular Rd, Kolkata 700019, W Bengal, India
Structural elucidation and immunostimulating property of a novel polysaccharide extracted from an edible mushroom <i>Lentinus fusipes</i>	Manna, Dilip K.; Maity, Prasenjit; Nandi, Ashis K.; Pattanayak, Manabendra; Panda, Bibhash C.; Mandal, Amit K.; Tripathy, Satyajit; Acharya, Krishnendu; Sahoo, Atish K.; Gupta, Nibha; Roy, Somnath; Islam, Syed S.	CARBOHYDRATE POLYMERS	2017	5	[Manna, Dilip K.; Maity, Prasenjit; Nandi, Ashis K.; Pattanayak, Manabendra; Panda, Bibhash C.; Islam, Syed S.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Mandal, Amit K.] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Tripathy, Satyajit; Roy, Somnath] Vidyasagar Univ, Dept Human Physiol Community Hlth, Midnapore 721102, W Bengal, India; [Acharya, Krishnendu] Univ Calcutta, Dept Bot, Mol & Appl Mycol & Plant Pathol Lab, 35 Ballygunge Circular Rd, Kolkata 700019, W Bengal, India; [Sahoo, Atish K.; Gupta, Nibha] Reg Plant Resource Ctr, Bhubaneswar 751015, Odisha, India
Minimizing cost and time through single objective function in multi-choice interval valued	Roy, Sankar Kumar; Maity, Gurupada	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2017	5	[Roy, Sankar Kumar; Maity, Gurupada] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming,

transportation problem					Midnapore 721102, W Bengal, India
Covering and paired domination in intuitionistic fuzzy graphs	Sahoo, Sankar; Pal, Madhumangal; Rashmanlou, Hossein; Borzooei, R. A.	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2017	5	[Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, India; [Rashmanlou, Hossein] Islamic Azad Univ, Cent Tehran Branch, Young Researchers & Elite Club, Tehran, Iran; [Borzooei, R. A.] Shahid Beheshti Univ, Dept Math, Tehran, Iran
Evaluation of soil loss estimation using the RUSLE model and SCS-CN method in hillslope mining areas	Kayet, Narayan; Pathak, Khanindra; Chakrabarty, Abhisek; Sahoo, Satiprasad	INTERNATIONAL SOIL AND WATER CONSERVATION RESEARCH	2018	4	[Kayet, Narayan; Pathak, Khanindra] Indian Inst Technol, Dept Min Engr, Kharagpur, W Bengal, India; [Chakrabarty, Abhisek] Vidyasagar Univ, Dept Remote Sensing & GIS, Midnapore, India; [Sahoo, Satiprasad] Indian Inst Technol, Sch Water Resources, Kharagpur, W Bengal, India
Magnetic and electric properties of Ni-doped ZnO nanoparticles exhibit diluted magnetic semiconductor in nature	Samanta, Anindita; Goswami, M. N.; Mahapatra, P. K.	JOURNAL OF ALLOYS AND COMPOUNDS	2018	4	[Samanta, Anindita] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, W Bengal, India; [Goswami, M. N.] Midnapore Coll, Dept Phys, Midnapore 721101, W Bengal, India; [Mahapatra, P. K.] SOA Univ, ITER, Dept Phys, Bhubaneswar 751030, Odisha, India
Genus value of m-polar fuzzy graphs	Mandal, Sonia; Sahoo, Sankar; Ghorai, Ganesh;	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2018	4	[Mandal, Sonia; Sahoo, Sankar; Ghorai, Ganesh; Pal, Madhumangal] Vidyasagar

	Pal, Madhumangal				Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, India
Three level partial trade credit with promotional cost sharing	Pramanik, Prasenjit; Maiti, Manas Kumar; Maiti, Manoranjan	APPLIED SOFT COMPUTING	2017	4	[Pramanik, Prasenjit; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Paschim Medinipur 721102, W Bengal, India; [Maiti, Manas Kumar] Mahishadal Raj Coll, Dept Math, Purba Medinipur 721628, W Bengal, India
Surface modification minimizes the toxicity of silver nanoparticles: an in vitro and in vivo study	Das, Balaram; Tripathy, Satyajit; Adhikary, Jaydeep; Chattopadhyay, Sourav; Mandal, Debasis; Dash, Sandeep Kumar; Das, Sabyasachi; Dey, Aditi; Dey, Sankar Kumar; Das, Debasis; Roy, Somenath	JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY	2017	4	[Das, Balaram; Tripathy, Satyajit; Chattopadhyay, Sourav; Mandal, Debasis; Dash, Sandeep Kumar; Das, Sabyasachi; Dey, Aditi; Roy, Somenath] Vidyasagar Univ, Immunol & Microbiol Lab, Dept Human Physiol Community Hlth, Midnapore 721102, W Bengal, India; [Adhikary, Jaydeep; Das, Debasis] Calcutta Univ, Dept Chem, Kolkata, W Bengal, India; [Dey, Sankar Kumar] Santal Bidroha Sardha Satabarsiki Mahavidyalaya, Dept Physiol, Paschim Midnapore 711221, W Bengal, India; [Adhikary, Jaydeep] Ariel Univ, Dept Chem Sci, Ariel, Israel; [Tripathy, Satyajit] Michigan State Univ, Dept Physiol, E Lansing, MI 48824 USA

Multi-objective two-stage grey transportation problem using utility function with goals	Roy, Sankar Kumar; Maity, Gurupada; Weber, Gerhard-Wilhelm	CENTRAL EUROPEAN JOURNAL OF OPERATIONS RESEARCH	2017	4	[Roy, Sankar Kumar; Maity, Gurupada] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Weber, Gerhard-Wilhelm] Middle East Tech Univ, Inst Appl Math, TR-06800 Ankara, Turkey
Dynamic surface properties of mixed monolayers of polystyrene micro- and nanoparticles with DPPC	Bykov, A. G.; Gochev, G.; Loglio, G.; Miller, R.; Panda, A. K.; Noskov, B. A.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2017	4	[Bykov, A. G.; Noskov, B. A.] St Petersburg State Univ, Dept Colloid Chem, Univ Sky Pr 26, St Petersburg 198504, Russia; [Gochev, G.; Miller, R.] Max Planck Inst Colloid & Interface Sci, D-14476 Golm, Germany; [Gochev, G.] Bulgarian Acad Sci, Inst Phys Chem, BU-1113 Sofia, Bulgaria; [Loglio, G.] CNR, Ist Energet & Interfasi, Genoa, Italy; [Panda, A. K.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore, W Bengal, India
A supply chain with variable demand under three level trace credit policy	Pramanik, Prasenjit; Maiti, Manas Kumar; Maiti, Manoranjan	COMPUTERS & INDUSTRIAL ENGINEERING	2017	4	[Pramanik, Prasenjit; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Paschim Medinipur 721102, W Bengal, India; [Maiti, Manas Kumar] Mahishadal Raj Coll, Dept Math, Purba Medinipur 721628, W Bengal, India
One-pot synthesis of multifunctional nanoscale metal-organic frameworks	Chowdhuri, Angshuman Ray; Das, Balaram;	NANOTECHNOLOGY	2017	4	[Chowdhuri, Angshuman Ray; Kumar, Amit; Sahu, Sumanta Kumar] Indian Inst

as an effective antibacterial agent against multidrug-resistant Staphylococcus aureus	Kumar, Amit; Tripathy, Satyajit; Roy, Somenath; Sahu, Sumanta Kumar				Technol ISM, Dept Appl Chem, Dhanbad 826004, Jharkhand, India; [Das, Balaram; Tripathy, Satyajit; Roy, Somenath] Vidyasagar Univ, Immunol & Microbiol Lab, Dept Human Physiol Community Hlth, Midnapore 721102, India
A theoretical study on the linearity of the I-d-T curve of a SiC MESFET for sensor application	Dutta, Sutanu	SUPERLATTICES AND MICROSTRUCTURES	2017	4	[Dutta, Sutanu] Vidyasagar Univ, Dept Elect, Midnapore 721102, W Bengal, India; [Dutta, Sutanu] Univ Calcutta, Dept Elect Sci, 92 APC Rd, Kolkata 700009, W Bengal, India
Multi-item EPQ model with learning effect on imperfect production over fuzzy-random planning horizon	Manna, Amalesh Kumar; Das, Barun; Dey, Jayanta Kumar; Mondal, Shyamal Kumar	JOURNAL OF MANAGEMENT ANALYTICS	2017	4	[Manna, Amalesh Kumar; Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Das, Barun] Sidho Kanho Birsha Univ, Dept Math, Purulia, WB, India; [Dey, Jayanta Kumar] Mahishadal Raj Coll, Dept Math, Mahishadal 721628, WB, India
Modular and homomorphic product of intuitionistic fuzzy graphs and their degree	Sahoo, Sankar; Pal, Madhumangal	INTERNATIONAL JOURNAL OF COMPUTING SCIENCE AND MATHEMATICS	2017	4	[Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Stability and bifurcation analysis of Japanese encephalitis model with/Without effects of some control parameters	Panja, Prabir; Mondal, Shyamal Kumar; Chattopadhyay, Joydev	COMPUTATIONAL & APPLIED MATHEMATICS	2018	3	[Panja, Prabir; Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India;

					[Chattopadhyay, Joydev] ISI Kolkata, Agr & Ecol Res Unit, 203 BT Rd, Kolkata, India
Omits in oral cancer: New approaches for biomarker discovery	Rai, Vertika; Mukherjee, Rashmi; Ghosh, Ananta K.; Routray, Aurobinda; Chakraborty, Chandan	ARCHIVES OF ORAL BIOLOGY	2018	3	[Rai, Vertika; Chakraborty, Chandan] IIT Kharagpur, Sch Med Sci & Technol, Kharagpur, W Bengal, India; [Mukherjee, Rashmi] Vidyasagar Univ, RNLKWC, Midnapore, India; [Ghosh, Ananta K.] IIT Kharagpur, Dept Biotechnol, Kharagpur, W Bengal, India; [Routray, Aurobinda] IIT Kharagpur, Dept Elect Engn, Kharagpur, W Bengal, India
Analysis of inventory control model with shortage under time-dependent demand and time-varying holding cost including stochastic deterioration	Pervin, Magfura; Roy, Sankar Kumar; Weber, Gerhard-Wilhelm	ANNALS OF OPERATIONS RESEARCH	2018	3	[Pervin, Magfura; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Weber, Gerhard-Wilhelm] Middle East Tech Univ, Inst Appl Math, TR-06800 Ankara, Turkey
Sensitive and robust colorimetric assay of Hg ²⁺ and S ²⁻ in aqueous solution directed by 5-sulfosalicylic acid-stabilized silver nanoparticles for wide range application in real samples	Das, Somnath; Aktara, Mt Nasima; Sahoo, Nandan Kumar; Jha, Pradeep K.; Hossain, Maidul	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	2017	3	[Das, Somnath; Aktara, Mt Nasima; Sahoo, Nandan Kumar; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W Bengal, India
Urban expansion and wetland shrinkage estimation using a GIS-	Mondal, Biswajit; Dolui, Gour; Pramanik, Malay;	ECOLOGICAL INDICATORS	2017	3	[Mondal, Biswajit; Maity, Santu; Biswas, Sumantra Sarathi; Pal, Raghunath]

based model in the East Kolkata Wetland, India	Maity, Santu; Biswas, Sumantra Sarathi; Pal, Raghunath				Jawaharlal Nehru Univ, Ctr Study Reg Dev, New Delhi, India; [Dolui, Gour] Vidyasagar Univ, Dept Geog & Environm Management, Midnapore, W Bengal, India; [Pramanik, Malay] Jawaharlal Nehru Univ, Ctr Int Polit Org & Disarmament, New Delhi, India
The effect of Mo doping on the structural and dielectric properties of Co-Zn ferrite	Pradhan, A. K.; Mandal, P. R.; Bera, K.; Saha, S.; Nath, T. K.	PHYSICA B-CONDENSED MATTER	2017	3	[Pradhan, A. K.; Saha, S.] Vidyasagar Univ, Dept Phys & Techno Phys, Midnapore 721102, W Bengal, India; [Mandal, P. R.; Bera, K.; Nath, T. K.] Indian Inst Technol, Dept Phys, Kharagpur 721302, W Bengal, India
Structural characterization and evaluation of prebiotic activity of oil palm kernel cake mannanoligosaccharides	Kalidas, Naveena Reddy; Saminathan, Mookiah; Ismail, Intan Safinar; Abas, Faridah; Maity, Prasenjit; Islam, Syed Sirajul; Manshoor, Nurhuda; Shaari, Khozirah	FOOD CHEMISTRY	2017	3	[Kalidas, Naveena Reddy; Saminathan, Mookiah; Ismail, Intan Safinar; Abas, Faridah; Shaari, Khozirah] Univ Putra Malaysia, Inst Biosci, Upm Serdang 43400, Selangor, Malaysia; [Saminathan, Mookiah] Fac Agr, Dept Anim Sci, Upm Serdang 43400, Selangor, Malaysia; [Maity, Prasenjit; Islam, Syed Sirajul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Manshoor, Nurhuda] Univ Teknol Mara, Fac Pharm, Bandar Puncak Alam 42300, Selangor, Malaysia

A New Class of Boronic Acid-Derived Amphiphile-Based Gel Emulsions Capable of Entrapping and Releasing Vitamin B-12 and Doxorubicin	Roy, Sumita; Maiti, Monali; Roy, Aparna	CHEMISTRYSELECT	2017	3	[Roy, Sumita; Maiti, Monali; Roy, Aparna] Vidyasagar Univ, Dept Chem & Chem Technol, Paschim Medinipur 721102, W Bengal, India
REPRESENTATION OF UP-ALGEBRAS IN INTERVAL-VALUED INTUITIONISTIC FUZZY ENVIRONMENT	Senapati, Tapan; Muhiuddin, G.; Shum, K. P.	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	2017	3	[Senapati, Tapan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Muhiuddin, G.] Univ Tabuk, Dept Math, Tabuk 71491, Saudi Arabia; [Shum, K. P.] Yunnan Univ, Inst Math, Kunming 650091, Peoples R China
First Vesicular Self-Assembly of Crotocebraneic Acid, a Nano-Sized Fourteen Membered Macrocyclic Diterpenic Acid	Bag, Braja G.; Barai, Abir C.; Wijesekera, Kanchana; Kittakoop, Prasat	CHEMISTRYSELECT	2017	3	[Bag, Braja G.; Barai, Abir C.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Wijesekera, Kanchana; Kittakoop, Prasat] Chulabhorn Royal Acad, Chem Biol Program, Chulabhorn Grad Inst, Bangkok 10210, Thailand; [Kittakoop, Prasat] Chulabhorn Res Inst, Bangkok 10210, Thailand; [Kittakoop, Prasat] Minist Educ, Ctr Excellence Environm Hlth & Toxicol EHT CHE, Bangkok, Thailand
A production inventory model with price discounted fuzzy demand using an interval compared hybrid algorithm	Kundu, Anindita; Guchhait, Partha; Pramanik, Prasenjit; Maiti, Manas Kumar; Maiti, Manoranjan	SWARM AND EVOLUTIONARY COMPUTATION	2017	3	[Kundu, Anindita] NIT, Dept Math, Mahatma Gandhi Ave, Durgapur 713209, W Bengal, India; [Guchhait, Partha; Pramanik, Prasenjit; Maiti, Manoranjan] Vidyasagar Univ, Dept Math,

					Paschim Medinipur 721102, W Bengal, India; [Maiti, Manas Kumar] Mahishadal Raj Coll, Dept Math, Purba Medinipur 721628, W Bengal, India
A fuzzy multi-criteria group decision making based on ranking interval type-2 fuzzy variables and an application to transportation mode selection problem	Kundu, Pradip; Kar, Samarjit; Maiti, Manoranjan	SOFT COMPUTING	2017	3	[Kundu, Pradip; Kar, Samarjit] Natl Inst Technol, Dept Math, Durgapur 713209, WB, India; [Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
ATANASSOV'S INTUITIONISTIC FUZZY BI-NORMED KU-SUBALGEBRAS OF A KU-ALGEBRA	Senapati, Tapan; Shum, K. P.	MISSOURI JOURNAL OF MATHEMATICAL SCIENCES	2017	3	[Senapati, Tapan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Shum, K. P.] Yunnan Univ, Inst Math, Kunming 650091, Yunnan, Peoples R China
Proton induced green emission from AIEE active 2,2' biquinoline hydrosol and its selective fluorescence turn-on sensing property towards Zn ²⁺ ion in water	Mazumdar, Prativa; Maity, Samir; Das, Debasish; Samanta, Sadhan; Shyamal, Milan; Misra, Ajay	SENSORS AND ACTUATORS B-CHEMICAL	2017	3	[Mazumdar, Prativa; Maity, Samir; Das, Debasish; Samanta, Sadhan; Shyamal, Milan; Misra, Ajay] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, WB, India
Polysaccharide of an edible truffle Tuber rufum: Structural studies and effects on human lymphocytes	Pattanayak, Manabendra; Samanta, Surajit; Maity, Prasenjit; Manna, Dilip K.; Sen, Ipsita K.; Nandi, Ashis K.; Panda, Bibhash C.;	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2017	3	[Pattanayak, Manabendra; Samanta, Surajit; Maity, Prasenjit; Manna, Dilip K.; Sen, Ipsita K.; Nandi, Ashis K.; Panda, Bibhash C.; Islam, Syed S.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India;

	Chattopadhyay, Sourav; Roy, Somenath; Sahoo, Atish K.; Gupta, Nibha; Islam, Syed S.				[Chattopadhyay, Sourav; Roy, Somenath] Vidyasagar Univ, Dept Human Physiol Community Hlth, Immunol & Microbiol Lab, Midnapore 721102, W Bengal, India; [Sahoo, Atish K.; Gupta, Nibha] Reg Plant Resource Ctr, Bhubaneswar 751015, Odisha, India
Detecting water stress scenario by land use/land cover changes in an agricultural command area	Sahoo, Satiprasad; Dhar, Anirban; Kayet, Narayan; Kar, Amlanjyoti	SPATIAL INFORMATION RESEARCH	2017	3	[Sahoo, Satiprasad] Indian Inst Technol Kharagpur, Sch Water Resources, Kharagpur, W Bengal, India; [Dhar, Anirban] Indian Inst Technol Kharagpur, Dept Civil Engn, Kharagpur 721302, WB, India; [Kayet, Narayan] Vidyasagar Univ, Dept Remote Sensing, Midnapore, India; [Kayet, Narayan] Vidyasagar Univ, GIS, Midnapore, India; [Kar, Amlanjyoti] Cent Groundwater Board, Faridabad, Haryana, India
Electrophoretic deposition of plasmonic nanocomposite for the fabrication of dye-sensitized solar cells	Bhardwaj, Swati; Pal, Arnab; Chatterjee, Kuntal; Chowdhury, Papia; Saha, Susmita; Barman, Anjan; Rana, Tushar H.; Sharma, Ganesh D.; Biswas, Subhayan	INDIAN JOURNAL OF PURE & APPLIED PHYSICS	2017	3	[Bhardwaj, Swati; Rana, Tushar H.; Sharma, Ganesh D.; Biswas, Subhayan] LNM Inst Informat Technol, Dept Phys, Jaipur 302031, Rajasthan, India; [Pal, Arnab; Chatterjee, Kuntal] Vidyasagar Univ, Midnapore 721102, India; [Chowdhury, Papia] Jaypee Inst Informat Technol, Noida 201307, India; [Saha, Susmita; Barman, Anjan] SN Bose Natl Ctr Basic Sci, Kolkata

					700098, India
Analysis of triangular intuitionistic fuzzy matrix games using robust ranking	Bhaumik, Ankan; Roy, Sankar Kumar; Li, Deng-Feng	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2017	3	[Bhaumik, Ankan; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, W Bengal, India; [Li, Deng-Feng] Fuzhou Univ, Sch Econ & Management, Fuzhou 350108, Fujian, Peoples R China
Biomonitoring role of some cellular markers during heat stress-induced changes in highly representative fresh water mollusc, <i>Bellamya bengalensis</i> : Implication in climate change and biological adaptation	Dutta, Sangita Maiti; Mustafi, Soumyajit Banerjee; Raha, Sanghamitra; Chakraborty, Susanta Kumar	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	2018	2	[Dutta, Sangita Maiti; Chakraborty, Susanta Kumar] Vidyasagar Univ, Dept Zool, Midnapore, W Bengal, India; [Dutta, Sangita Maiti] Midnapore City Coll, PG Dept Biol Sci, Midnapore, W Bengal, India; [Raha, Sanghamitra] Saha Inst Nucl Phys, Dept Crystallog & Mol Biol, Kolkata, W Bengal, India; [Mustafi, Soumyajit Banerjee] Burst Biol, Dept Res & Dev, 3501 W Elder St, Boise, ID USA
Protein binding, DFT/TDDFT calculation and catecholase activity of five coordinated distorted square pyramidal/trigonal bipyramidal Cu(II) complexes	Das, Kalipada; Dolai, Samar; Vojtisek, Pavel; Manna, Subal Chandra	POLYHEDRON	2018	2	[Das, Kalipada; Dolai, Samar; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, India; [Vojtisek, Pavel] Charles Univ Prague, Dept Inorgan Chem, Hlavova 2030-8, Prague 12843 2, Czech Republic
Significant enhancement of power conversion efficiency of dye-sensitized solar cells	Bhardwaj, Swati; Pal, Arnab; Chatterjee,	JOURNAL OF MATERIALS SCIENCE	2018	2	[Bhardwaj, Swati; Rana, Tushar H.; Sharma, Ganesh D.; Biswas, Subhayan] LNM

by the incorporation of TiO ₂ -Au nanocomposite in TiO ₂ photoanode	Kuntal; Rana, Tushar H.; Bhattacharya, Gourav; Roy, Susanta Sinha; Chowdhury, Papia; Sharma, Ganesh D.; Biswas, Subhayan				Inst Informat Technol, Dept Phys, Jaipur 302031, Rajasthan, India; [Pal, Arnab; Chatterjee, Kuntal] Vidyasagar Univ, Midnapore 721102, India; [Bhattacharya, Gourav; Roy, Susanta Sinha] Shiv Nadar Univ, Sch Nat Sci, Dept Phys, Gautam Buddha Nagar 201314, Uttar Pradesh, India; [Chowdhury, Papia] Jaypee Inst Informat Technol, Noida 201307, India
A compact study on impact of multiplicative Streblus asper inspired biogenic silver nanoparticles as effective photocatalyst, good antibacterial agent and interplay upon interaction with human serum albumin	Das, Somnath; Das, Arindam; Maji, Anukul; Beg, Maidul; Singha, Anindita; Hossain, Maidul	JOURNAL OF MOLECULAR LIQUIDS	2018	2	[Das, Somnath; Das, Arindam; Maji, Anukul; Beg, Maidul; Singha, Anindita; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Arjunolic Acid Improves the Serum Level of Vitamin B-12 and Folate in the Process of the Attenuation of Arsenic Induced Uterine Oxidative Stress	Maity, Moulima; Perveen, Hasina; Dash, Moumita; Jana, Suryashis; Khatun, Shamima; Dey, Arindam; Mandal, Amit Kumar; Chattopadhyay, Sandip	BIOLOGICAL TRACE ELEMENT RESEARCH	2018	2	[Maity, Moulima; Perveen, Hasina; Dash, Moumita; Jana, Suryashis; Khatun, Shamima; Dey, Arindam; Chattopadhyay, Sandip] Vidyasagar Univ, Dept Biomed Lab Sci & Management, Midnapore 721102, W Bengal, India; [Maity, Moulima; Perveen, Hasina; Dash, Moumita; Jana, Suryashis; Khatun, Shamima; Dey, Arindam; Chattopadhyay, Sandip] Vidyasagar Univ, Clin Nutr & Dietet Div, Midnapore

					721102, W Bengal, India; [Mandal, Amit Kumar] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Mandal, Amit Kumar] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Uttar Dinajpur 733134, W Bengal, India
Study on centrality measures in social networks: a survey	Das, Kousik; Samanta, Sovan; Pal, Madhumangal	SOCIAL NETWORK ANALYSIS AND MINING	2018	2	[Das, Kousik; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Samanta, Sovan] Tamralipta Mahavidyalaya, Dept Math, Tamluk 721636, India
Gel-Emulsion Properties of Nontoxic Nicotinic Acid-Derived Glucose Sensor	Roy, Aparna; Roy, Sumita; Pradhan, Ananya; Choudhury, Sujata Maiti; Nayak, Rati Ranjan	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2018	2	[Roy, Aparna; Roy, Sumita] Vidyasagar Univ, Dept Chem & Chem Technol, Paschim 721102, Medinipur, India; [Pradhan, Ananya; Choudhury, Sujata Maiti] Vidyasagar Univ, Dept Human Physiol Community Hlth, Paschim 721102, Medinipur, India; [Nayak, Rati Ranjan] Indian Inst Chem Technol, Lipid Sci & Technol Div, Hyderabad 500007, Telangana, India
Intelligent Water Management: a Triangular Type-2 Intuitionistic Fuzzy Matrix Games Approach	Roy, Sankar Kumar; Bhaumik, Ankan	WATER RESOURCES MANAGEMENT	2018	2	[Roy, Sankar Kumar; Bhaumik, Ankan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
Isolation, identification and	Das, A.; Acharya,	AQUACULTURE	2018	2	[Das, A.; Behera, B. K.; Paria,

characterization of <i>Klebsiella pneumoniae</i> from infected farmed Indian Major Carp <i>Labeo rohita</i> (Hamilton 1822) in West Bengal, India	S.; Behera, B. K.; Paria, P.; Bhowmick, S.; Parida, P. K.; Das, B. K.				P.; Bhowmick, S.; Parida, P. K.; Das, B. K.] ICAR Cent Inland Fisheries Res Inst, Kolkata 700120, W Bengal, India; [Acharya, S.] Vidyasagar Univ, Dept Zool, Medinipur 721102, W Bengal, India
Certain types of edge irregular intuitionistic fuzzy graphs	Sahoo, Sankar; Pal, Madhumangal	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2018	2	[Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Synthesis of palladium nanoparticles with leaf extract of <i>Chrysophyllum cainito</i> (Star apple) and their applications as efficient catalyst for C-C coupling and reduction reactions	Majumdar, Rakhi; Tantayanon, Supawan; Bag, Braja Gopal	INTERNATIONAL NANO LETTERS	2017	2	[Majumdar, Rakhi; Tantayanon, Supawan] Chulalongkorn Univ, Dept Chem, Bangkok 10330, Thailand; [Bag, Braja Gopal] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Marine fishes of West Bengal coast, India: Diversity and conservation preclusion	Kar, Avijit; Raut, S. K.; Bhattacharya, Manojit; Patra, Shampa; Das, Basanta Kumar; Patra, Bidhan Chandra	REGIONAL STUDIES IN MARINE SCIENCE	2017	2	[Kar, Avijit; Patra, Bidhan Chandra] Vidyasagar Univ, Dept Aquaculture Management & Technol, Ctr Aquaculture Res Extens & Livelihood, Midnapore 721102, W Bengal, India; [Raut, S. K.] Univ Calcutta, Dept Zool, Ecol & Ethol Lab, 35 Ballygunge Circular Rd, Kolkata 700019, India; [Bhattacharya, Manojit; Das, Basanta Kumar] ICAR Cent Inland Fisheries Res Inst, Kolkata 700120, W Bengal, India; [Patra, Shampa] Sabang Sajani Kanta

					Mahavidyalaya, Paschim Medinipur 721166, W Bengal, India
AC and DC electrical conductivity, dielectric and magnetic properties of Co _{0.65} Zn _{0.35} Fe ₂ -xMoxO ₄ (x=0.0, 0.1 and 0.2) ferrites	Pradhan, A. K.; Saha, S.; Nath, T. K.	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2017	2	[Pradhan, A. K.; Saha, S.] Vidyasagar Univ, Dept Phys & Techno Phys, Midnapore 721102, W Bengal, India; [Nath, T. K.] Indian Inst Technol Kharagpur, Dept Phys, Kharagpur 721302, W Bengal, India
Palladium-Catalyzed Intramolecular Cyclization: Access to Rare Pentacyclic N-Fused Heterocycles	Mondal, Suresh Kumar; Ali, Sk Asraf; Manna, Susanta Kumar; Mandal, Arabinda; Senapati, Bidyut Kumar; Hossain, Maidul; Samanta, Shubhankar	CHEMISTRYSELECT	2017	2	[Mondal, Suresh Kumar; Ali, Sk Asraf; Manna, Susanta Kumar; Mandal, Arabinda; Samanta, Shubhankar] Bidhannagar Coll, Dept Chem, Kolkata 700064, India; [Mondal, Suresh Kumar; Manna, Susanta Kumar; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Senapati, Bidyut Kumar] Prabhat Kumar Coll, Dept Chem, Contai 721401, India
Enhanced biodegradation of mixed PAHs by mutated naphthalene 1,2-dioxygenase encoded by Pseudomonas putida strain KD6 isolated from petroleum refinery waste	Dutta, Kunal; Shityakov, Sergey; Das, Prangya P.; Ghosh, Chandradipa	3 BIOTECH	2017	2	[Dutta, Kunal; Das, Prangya P.; Ghosh, Chandradipa] Vidyasagar Univ, Dept Human Physiol Community Hlth, Microbiol & Immunol Lab, Midnapore 721102, W Bengal, India; [Shityakov, Sergey] Univ Wurzburg, Dept Anaesthesia & Crit Care, Wurzburg, Germany
Synthesis of a new pyridinyl thiazole ligand with hydrazone moiety and its	Bera, Pradip; Brandao, Paula; Mondal,	POLYHEDRON	2017	2	[Bera, Pradip; Mondal, Gopinath; Jana, Abhimanyu; Santra, Ananyakumari; Bera,

cobalt(III) complex: X-ray crystallography, in vitro evaluation of antibacterial activity	Gopinath; Jana, Harekrishna; Jana, Abhimanyu; Santra, Ananyakumari; Bera, Pulakesh				Pulakesh] Vidyasagar Univ, Panskura Banamali Coll, Post Grad Dept Chem, Midnapore E 721152, W Bengal, India; [Brandao, Paula] Univ Aveiro, CICECO, Dept Chem, P-3810193 Aveiro, Portugal; [Jana, Harekrishna] Vidyasagar Univ, Panskura Banamali Coll, Dept Microbiol, Midnapore E 721152, W Bengal, India
Mean and CV reduction methods on Gaussian type-2 fuzzy set and its application to a multilevel profit transportation problem in a two-stage supply chain network	Jana, Dipak Kumar; Pramanik, Sutapa; Maiti, Manoranjan	NEURAL COMPUTING & APPLICATIONS	2017	2	[Jana, Dipak Kumar] Haldia Inst Technol, Dept Appl Sci, Midnapore 721657, W Bengal, India; [Pramanik, Sutapa; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
Molecular binding of toxic phenothiazinium derivatives, azures to bovine serum albumin: A comparative spectroscopic, calorimetric, and in silico study	Das, Somnath; Islam, Md. Maidul; Jana, Gopal Chandra; Patra, Anirudha; Jha, Pradeep K.; Hossain, Maidul	JOURNAL OF MOLECULAR RECOGNITION	2017	2	[Das, Somnath; Jana, Gopal Chandra; Patra, Anirudha; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Islam, Md. Maidul] Aliah Univ, Dept Chem, Kolkata, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, SMST, Kharagpur, W Bengal, India
Impedance spectroscopy and electric modulus behavior of Molybdenum doped Cobalt-Zinc ferrite	Pradhan, A. K.; Nath, T. K.; Saha, S.	MATERIALS RESEARCH EXPRESS	2017	2	[Pradhan, A. K.; Saha, S.] Vidyasagar Univ, Dept Phys & Techno Phys, Midnapore 721102, W Bengal, India; [Nath, T. K.] Indian Inst Technol, Dept Phys,

					Kharagpur 721302, W Bengal, India
A Profit Maximizing Solid Transportation Model Under a Rough Interval Approach	Das, Amrit; Bera, Uttam Kumar; Maiti, Manoranjan	IEEE TRANSACTIONS ON FUZZY SYSTEMS	2017	2	[Das, Amrit; Bera, Uttam Kumar] Natl Inst Technol Agartala, Dept Math, Agartala 799046, India; [Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India
Video traffic analytics for large scale surveillance	Kanrar, Soumen; Mandal, Niranjn Kumar	MULTIMEDIA TOOLS AND APPLICATIONS	2017	2	[Kanrar, Soumen] Vehere Interact Pvt Ltd, Kolkata 700053, W Bengal, India; [Kanrar, Soumen; Mandal, Niranjn Kumar] Vidyasagar Univ, Dept Comp Sci, Midnapore 721102, W Bengal, India
Cytomixis with associated chromosomal anomalies and the reproduction of Chlorophytum borivilianum Santapau & R. R. Fern	Mandal, Gopal Dev; Nandi, Asis Kumar	TAIWANIA	2017	2	[Mandal, Gopal Dev] Ramsaday Coll, Dept Bot, Howrah, W Bengal, India; [Nandi, Asis Kumar] Vidyasagar Univ, Dept Bot & Forestry, Cytogenet & Mol Biol Lab, Midnapore 721102, W Bengal, India
Analysis of interval programming in different environments and its application to fixed-charge transportation problem	Midya, Sudipta; Roy, Sankar Kumar	DISCRETE MATHEMATICS ALGORITHMS AND APPLICATIONS	2017	2	[Midya, Sudipta; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math, Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
Structural and magnetic characterization of three tetranuclear Cu(II) complexes with face-sharing-dicubane/double-open-cubane like core framework	Paul, Aparup; Bertolasi, Valerio; Figuerola, Albert; Manna, Subal Chandra	JOURNAL OF SOLID STATE CHEMISTRY	2017	2	[Paul, Aparup; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Bertolasi, Valerio] Univ Ferrara, Ctr Strutturist Diffraattometr, Dipartimento

					Sci Chim & Farmaceut, Via L Borsari 46, I-44100 Ferrara, Italy; [Figuerola, Albert] Univ Barcelona, Dept Quim Inorgan & Organ, Seccio Quim Inorgan, Marti & Franques 1-11, Barcelona 08028, Spain; [Figuerola, Albert] Univ Barcelona, Inst Nanociencia & Nanotecnol IN2UB, Marti & Franques 1-11, Barcelona 08028, Spain
Impact of detergents on the physiochemical behavior of itraconazole loaded nanostructured lipid carriers	Bhadra, A.; Karmakar, G.; Nahak, P.; Chettri, P.; Roy, B.; Guha, P.; Mandal, A. K.; Nath, R. K.; Panda, A. K.	COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS	2017	2	[Bhadra, A.] Himalayan Pharm Inst, Dept Pharmaceut, Majhitar, East Sikkim, India; [Karmakar, G.; Nahak, P.; Roy, B.; Guha, P.] Univ North Bengal, Dept Chem, Darjeeling 734013, W Bengal, India; [Chettri, P.] Univ North Bengal, Dept Biotechnol, Darjeeling 734013, W Bengal, India; [Mandal, A. K.] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Nath, R. K.] Tripura Univ, Dept Chem, Agartala 799022, Tripura, India; [Panda, A. K.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
A TWO-ECHELON INVENTORY MODEL WITH STOCK-DEPENDENT DEMAND AND VARIABLE HOLDING COST FOR DETERIORATING ITEMS	Pervin, Magfura; Roy, Sankar Kumar; Weber, Gerhard Wilhelm	NUMERICAL ALGEBRA CONTROL AND OPTIMIZATION	2017	2	[Pervin, Magfura; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India;

					[Weber, Gerhard Wilhelm] Middle East Tech Univ, Inst Appl Math, TR-06800 Ankara, Turkey
Detecting shoreline changing trends using principle component analysis in Sagar Island, West Bengal, India	Mondal, Ismail; Bandyopadhyay, Jatisankar; Dhara, Sangeeta	SPATIAL INFORMATION RESEARCH	2017	2	[Mondal, Ismail; Bandyopadhyay, Jatisankar; Dhara, Sangeeta] Vidyasagar Univ, Dept Remote Sensing, Midnapore 721102, W Bengal, India; [Mondal, Ismail; Bandyopadhyay, Jatisankar; Dhara, Sangeeta] Vidyasagar Univ, GIS, Midnapore 721102, W Bengal, India
An inventory model under development cost- dependent imperfect production and reliability- dependent demand	Khara, Barun; Dey, Jayanta Kumar; Mondal, Shyamal Kumar	JOURNAL OF MANAGEMENT ANALYTICS	2017	2	[Khara, Barun; Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math, Oceanol & Comp Programming, Midnapore, WB, India; [Dey, Jayanta Kumar] Mahishadal Raj Collge, Dept Math, Purba Medinipur, WB, India
Suppression of VEGF- induced angiogenesis and tumor growth by Eugenia jambolana, Musa paradisiaca, and Coccinia indica extracts	Raj, Harsha M.; Ghosh, Debidas; Banerjee, Rita; Salimath, Bharathi P.	PHARMACEUTICAL BIOLOGY	2017	2	[Raj, Harsha M.; Salimath, Bharathi P.] Univ Mysore, Mol Oncol Lab, Dept Studies Biotechnol, Mysore, Karnataka, India; [Ghosh, Debidas] Vidyasagar Univ, Dept Biomed Lab Sci & Management, Midnapore, W Bengal, India; [Banerjee, Rita] Govt India, Dept Sci & Technol, New Delhi, India
A hospital based epidemiological study of snakebite in Paschim Medinipur district, West Bengal, India	Sarkhel, Sumana; Ghosh, Rituparna; Mana, Koushik; Gantait, Kripasindhu	TOXICOLOGY REPORTS	2017	2	[Sarkhel, Sumana; Ghosh, Rituparna; Mana, Koushik] Vidyasagar Univ, Dept Human Physiol Community Hlth, Paschim Medinipur

					721102, W Bengal, India; [Gantait, Kripasindhu] Midnapur Med Coll, Dept Med, Paschim Medinipur 721102, W Bengal, India
Evaluation of aberrant metabolism related proteins in oral submucous fibrosis: A pilot study	Rai, Vertika; Bose, Surajit; Mukherjee, Rashmi; Sarbajna, Arpita; Chakraborty, Chandan	JOURNAL OF ORAL BIOSCIENCES	2018	1	[Rai, Vertika; Chakraborty, Chandan] IIT Kharagpur, Sch Med Sci & Technol, Kharagpur, W Bengal, India; [Bose, Surajit] Awadh Dent Coll & Hosp, Jamshedpur, Bihar, India; [Mukherjee, Rashmi] Vidyasagar Univ, Raja NL Khan Womens Coll, Midnapore, India; [Sarbajna, Arpita] Natl Inst Cholera & Enter Dis, Kolkata, India
Discrete and 1D Polymeric Copper(II) Complexes of Tetranuclear Cubane-like Units: Structural and Magnetic Characterization	Manna, Subal Chandra; Manna, Soumen; Mistri, Soumen; Patra, Apu; Zangrando, Ennio; Puschmann, Horst; Goddard, P. A.; Ghannadzadeh, S.	CHEMISTRYSELECT	2018	1	[Manna, Subal Chandra; Manna, Soumen; Mistri, Soumen; Patra, Apu] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Zangrando, Ennio] Univ Trieste, Dept Pharmaceut & Chem Sci, I-34127 Trieste, Italy; [Puschmann, Horst] Univ Durham, Dept Chem, South Rd, Durham DH1 3LE, England; [Goddard, P. A.] Univ Warwick, Dept Phys, Gibbet Hill Rd, Coventry CV4 7AL, W Midlands, England; [Ghannadzadeh, S.] Oxford Instruments Nano Sci, Abingdon OX13 5QX, Oxon, England
MoS ₂ -Carbon Nanotube Porous 3D Network for	Lee, Cheesung; Ozden, Sehmus;	CHEMSUSCHEM	2018	1	[Lee, Cheesung; Tewari, Chandra S.; Park, Ok-Kyung;

Enhanced Oxygen Reduction Reaction	Tewari, Chandra S.; Park, Ok-Kyung; Vajtai, Robert; Chatterjee, Kuntal; Ajayan, Pulickel M.				Vajtai, Robert; Chatterjee, Kuntal; Ajayan, Pulickel M.] Rice Univ, Dept Mat Sci & NanoEngr, Houston, TX 77005 USA; [Ozden, Sehmus] Los Alamos Natl Lab, Mat Phys & Applicat Div, Los Alamos, NM USA; [Tewari, Chandra S.] Indian Inst Technol, Mat Sci & Engr, Gandhinagar, Gujarat, India; [Chatterjee, Kuntal] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India
Effects of secondary carbon supplement on biofilm-mediated biodegradation of naphthalene by mutated naphthalene 1, 2-dioxygenase encoded by Pseudomonas putida strain KD9	Dutta, Kunal; Shityakov, Sergey; Khalifa, Ibrahim; Mal, Arpan; Moulik, Satya Priya; Panda, Arniya Kumar; Ghosh, Chandradipa	JOURNAL OF HAZARDOUS MATERIALS	2018	1	[Dutta, Kunal; Ghosh, Chandradipa] Vidyasagar Univ, Dept Human Physiol Community Hlth, Microbiol & Immunol Lab, Midnapore 721102, W Bengal, India; [Dutta, Kunal; Panda, Arniya Kumar] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Shityakov, Sergey] Univ Wurzburg, Dept Anaesthesia & Crit Care, D-97080 Wurzburg, Germany; [Khalifa, Ibrahim] Benha Univ, Food Technol Dept, Fac Agr, Moshtohor 13736, Egypt; [Khalifa, Ibrahim] Huazhong Agr Univ, Coll Food Sci & Technol, Wuhan 430070, Peoples R China; [Mal, Arpan; Moulik, Satya Priya] Jadavpur Univ, Dept Chem, Ctr Surface Sci,

					Kolkata 700032, India
DNA/Protein Binding, Molecular Docking and Cytotoxicity Studies of Piperazinyl-Moiety-Based Copper(II) Complexes	Mistri, Soumen; Patra, Apu; Santra, Manas Kumar; Paul, Debasish; Zangrando, Ennio; Puschmann, Horst; Manna, Subal Chandra	CHEMISTRYSELECT	2018	1	[Mistri, Soumen; Patra, Apu; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Santra, Manas Kumar; Paul, Debasish] Pune Univ, Natl Ctr Cell Sci, NCCS Complex, Campus Ganeshkhind, Pune 411007, Maharashtra, India; [Zangrando, Ennio] Univ Trieste, Dept Chem & Pharmaceut Sci, I-34127 Trieste, Italy; [Puschmann, Horst] Univ Durham, Dept Chem, South Rd, Durham DH1 3LE, England
Reduced-Graphene-Oxide Zinc-Telluride Composite: Towards Large-Area Optoelectronic and Photocatalytic Applications	Chakraborty, Koushik; Ghosh, Surajit; Pal, Tanusri	CHEMISTRYSELECT	2018	1	[Chakraborty, Koushik; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Pal, Tanusri] Midnapore Coll, Dept Phys, Midnapore 721101, India
Cubic set structure applied in UP-algebras	Senapati, Tapan; Jun, Young Bae; Shum, K. P.	DISCRETE MATHEMATICS ALGORITHMS AND APPLICATIONS	2018	1	[Senapati, Tapan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Jun, Young Bae] Gyeongsang Natl Univ, Dept Math Educ, Jinju 52828, South Korea; [Shum, K. P.] Yunnan Univ, Inst Math, Kunming 650091, Yunnan, Peoples R China
Forest, wetland and biodiversity: Revealing	Mallick, Priyanka Halder;	ECOHYDROLOGY & HYDROBIOLOGY	2018	1	[Mallick, Priyanka Halder; Chakraborty, Susanta

multi-faceted ecological services from ecorestoration of a degraded tropical landscape	Chakraborty, Susanta Kumar				Kumar] Vidyasagar Univ, Dept Zool, Midnapore 721102, W Bengal, India
Solar Light Responsive Photocatalytic Activity of Reduced Graphene Oxide-Zinc Selenide Nanocomposite	Chakraborty, Koushik; Ibrahim, Sk; Das, Poulomi; Ghosh, Surajit; Pal, Tanusri	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2018	1	[Chakraborty, Koushik; Ibrahim, Sk; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Das, Poulomi; Pal, Tanusri] Midnapore Coll, Dept Phys, Midnapore 721101, India
Seasonal characteristics of black carbon aerosol mass concentrations and influence of meteorology, New Delhi (India)	Sharma, Milap Chand; Pandey, Vijendra Kumar; Kumar, Rajesh; Latief, Syed Umer; Chakrawarthy, Elora; Acharya, Prasenjit	URBAN CLIMATE	2018	1	[Sharma, Milap Chand; Pandey, Vijendra Kumar; Kumar, Rajesh; Latief, Syed Umer; Chakrawarthy, Elora] Jawaharlal Nehru Univ, Ctr Study Reg Dev, New Delhi 110067, India; [Acharya, Prasenjit] Vidyasagar Univ, Dept Geog & Environm Management, Midnapore 721102, India
Green synthesis of Nerium oleander-conjugated gold nanoparticles and study of its in vitro anticancer activity on MCF-7 cell lines and catalytic activity	Barai, Abir Chandan; Paul, Koushik; Dey, Aditi; Manna, Subhankar; Roy, Somenath; Bag, Braja Gopal; Mukhopadhyay, Chiradeep	NANO CONVERGENCE	2018	1	[Barai, Abir Chandan; Paul, Koushik; Bag, Braja Gopal; Mukhopadhyay, Chiradeep] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Dey, Aditi; Manna, Subhankar; Roy, Somenath] Vidyasagar Univ, Dept Human Physiol Community Hlth, Midnapore 721102, W Bengal, India
Defuzzification and application of trapezoidal type-2 fuzzy variables to green solid transportation	Das, Amrit; Bera, Uttam Kumar; Maiti, Manoranjan	SOFT COMPUTING	2018	1	[Das, Amrit; Bera, Uttam Kumar] Natl Inst Technol Agartala, Dept Math, Jirania 799046, West Tripura, India;

problem					[Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, W Bengal, India
Reversible data hiding scheme using sub-sampled image exploiting Lagrange's interpolating polynomial	Jana, Biswapati	MULTIMEDIA TOOLS AND APPLICATIONS	2018	1	[Jana, Biswapati] Vidyasagar Univ, Dept Comp Sci, Midnapore 721102, W Bengal, India
Enhanced reducing sugar production by saccharification of lignocellulosic biomass, Pennisetum species through cellulase from a newly isolated Aspergillus fumigatus	Mohapatra, Sonali; Padhy, Sameer; Das Mohapatra, Pradeep K.; Thatoi, H. N.	BIORESOURCE TECHNOLOGY	2018	1	[Mohapatra, Sonali; Padhy, Sameer] Biju Pattnaik Univ Technol, Coll Engr & Technol, Dept Biotechnol, Bhubaneswar 751003, Orissa, India; [Das Mohapatra, Pradeep K.] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, India; [Thatoi, H. N.] North Orissa Univ, Dept Biotechnol, Baripada 757003, Odisha, India
Tailoring the Efficacy of Multifunctional Biopolymeric Graphene Oxide Quantum Dot-Based Nanomaterial as Nanocargo in Cancer Therapeutic Application	De, Sriparna; Patra, Kartick; Ghosh, Debatri; Dutta, Koushik; Dey, Aditi; Sarkar, Gunjan; Maiti, Jyotirmay; Basu, Arijita; Rana, Dipak; Chattopadhyay, Dipankar	ACS BIOMATERIALS SCIENCE & ENGINEERING	2018	1	[De, Sriparna; Dutta, Koushik; Sarkar, Gunjan; Basu, Arijita; Chattopadhyay, Dipankar] Univ Calcutta, Dept Polymer Sci & Technol, 92 APC Rd, Kolkata 700009, India; [Patra, Kartick; Maiti, Jyotirmay] West Bengal State Univ, Dept Zool, Barasat 700126, W Bengal, India; [Ghosh, Debatri] SSKM Hosp, IPGMER, Kolkata 700020, India; [Dey, Aditi] Vidyasagar Univ, Dept Human Physiol Community Hlth, Immunol & Microbiol Lab, Midnapore 721102, W Bengal, India; [Rana, Dipak]

					Univ Ottawa, Ind Membrane Res Inst, Dept Chem & Biol Engr, 161 Louis Pasteur St, Ottawa, ON K1N, Canada
MoS ₂ -TiO ₂ Nanocomposite with Excellent Adsorption Performance and High Antibacterial Activity	Pal, Arnab; Jana, Tushar K.; Roy, Tamanna; Pradhan, Ananya; Maiti, Ramaprasad; Choudhury, Sujata M.; Chatterjee, Kuntal	CHEMISTRYSELECT	2018	1	[Pal, Arnab; Jana, Tushar K.; Chatterjee, Kuntal] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Roy, Tamanna; Pradhan, Ananya; Choudhury, Sujata M.] Vidyasagar Univ, Dept Human Physiol Community Hlth, Midnapore 721102, India; [Maiti, Ramaprasad] Derozio Mem Coll, Dept Elect, Rajarhat Rd, Kolkata 700136, India
Prediction of power transmission coefficient and the aspect ratio of a single mode trapezoidal index fiber by using splice loss technique	Chowdhury, Anirban Roy; Dutta, Ivy; Mallicka, Aswini Kumar; Sarkar, Somenath	OPTIK	2018	1	[Chowdhury, Anirban Roy; Dutta, Ivy; Mallicka, Aswini Kumar; Sarkar, Somenath] Univ Calcutta, Dept Elect Sci, 92 APC Rd, Kolkata 700009, India; [Sarkar, Somenath] Univ Calcutta, Ctr Res Nanosci & Nanotechnol, Kolkata 700098, India; [Mallicka, Aswini Kumar] Vidyasagar Univ, Dept Elect, Midnapore 721102, India
Dual image based reversible data hiding scheme using (7,4) hamming code	Jana, Biswapati; Giri, Debasis; Mondal, Shyamal Kumar	MULTIMEDIA TOOLS AND APPLICATIONS	2018	1	[Jana, Biswapati] Vidyasagar Univ, Dept Comp Sci, Midnapore 721102, W Bengal, India; [Giri, Debasis] Haldia Inst Technol, Dept Comp Sci & Engr, Haldia 721657, W Bengal, India; [Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl

					Math Oceanol & Comp Programming, Midnapore 721102, India
Synthesis, structure, and biological properties of a Co(II) complex with tridentate Schiff base ligand	Jana, Kalyanmoy; Das, Somnath; Maity, Tithi; Hossain, Maidul; Debnath, Subhas Chandra; Samanta, Bidhan Chandra; Seth, Saikat Kumar	JOURNAL OF COORDINATION CHEMISTRY	2018	1	[Jana, Kalyanmoy; Debnath, Subhas Chandra] Univ Kalyani, Dept Chem, Nadia, India; [Das, Somnath; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Paschim Medinipur, India; [Maity, Tithi] PK Coll, Dept Chem, Purba Medinipur, India; [Samanta, Bidhan Chandra] Mugberia Gangadhar Mahavidyalaya, Dept Chem, Purba Medinipur, India; [Seth, Saikat Kumar] Jadavpur Univ, Dept Phys, Kolkata, India
A Geo-spatial study for analysing temporal responses of NDVI to rainfall	Kundu, Arnab; Denis, D. M.; Patel, N. R.; Dutta, Dipanwita	SINGAPORE JOURNAL OF TROPICAL GEOGRAPHY	2018	1	[Kundu, Arnab] Sam Higginbottom Univ Agr Technol & Sci, Ctr Geospatial Technol, Allahabad, Uttar Pradesh, India; [Denis, D. M.] Sam Higginbottom Univ Agr Technol & Sci, Dept Irrigat & Drainage Engr, Allahabad, Uttar Pradesh, India; [Patel, N. R.] ISRO, Dept Agr & Soil, Indian Inst Remote Sensing, Dehra Dun, Uttarakhand, India; [Dutta, Dipanwita] Vidyasagar Univ, Dept Remote Sensing & GIS, Midnapore, W Bengal, India
Computation of Shortest Path in a Vague Network by Euclidean Distance	Rashmanlou, Hossein; Sahoo, Sankar; Borzooei,	JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT	2018	1	[Rashmanlou, Hossein] Islamic Azad Univ Tehran, Cent Tehran Branch, Young

	R. A.; Pal, Madhumangal; Lakdashti, A.	COMPUTING			Researchers & Elite Club, Tehran, Iran; [Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Borzooei, R. A.] Shahid Beheshti Univ, Dept Math, Tehran, Iran; [Lakdashti, A.] Univ Coll Rouzbahan, Dept Comp Sci, Sari, Iran
Bifidobacteria and its rice fermented products on diet induced obese mice: analysis of physical status, serum profile and gene expressions	Ray, M.; Hor, P. K.; Ojha, D.; Soren, J. P.; Singh, S. N.; Mondal, K. C.	BENEFICIAL MICROBES	2018	1	[Ray, M.; Hor, P. K.; Soren, J. P.; Mondal, K. C.] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Ojha, D.] ID & BG Hosp, ICMR Virus Unit, Dr SC Banerjee Rd, Beliaghata 700010, W Bengal, India; [Singh, S. N.] Def Inst Physiol & Allied Sci, Div Nutr, Lucknow Rd, Delhi 110054, India
Concept of integrity and its value of fuzzy graphs	Saravanan, M.; Sujatha, R.; Sundareswaran, R.; Sahoo, Sankar; Pal, Madhumangal	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2018	1	[Saravanan, M.] St Josephs Coll Engn, Dept Math, Old Mahabalipuram Rd, Madras, Tamil Nadu, India; [Sujatha, R.; Sundareswaran, R.] SSN Coll Engn, Dept Math, Old Mahabalipuram Rd, Madras, Tamil Nadu, India; [Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math, Oceanol & Comp Programming, Midnapore, India
Occurrence of a novel tannase (tan B-LP) in endophytic Streptomyces sp	Roy, Sudipta; Parvin, Rubia; Ghosh,	3 BIOTECH	2017	1	[Roy, Sudipta; Parvin, Rubia; Ghosh, Subhadeep; Bhattacharya, Somesankar;

AL1L from the leaf of <i>Ailanthus excelsa</i> Roxb	Subhadeep; Bhattacharya, Somesankar; Maity, Santanu; Banerjee, Debdulal				Maity, Santanu; Banerjee, Debdulal] Vidyasagar Univ, Dept Bot, Microbiol & Microbial Biotechnol Lab, Midnapore, W Bengal, India; [Roy, Sudipta] Oriental Inst Sci & Technol, PG Dept Biotechnol, Midnapore, W Bengal, India
Facile synthesis of nickel oxide thin films from PVP encapsulated nickel sulfide thin films: an efficient material for electrochemical sensing of glucose, hydrogen peroxide and photodegradation of dye	Jana, Sumanta; Mondal, Gopinath; Mitra, Bibhas Chandra; Bera, Pulakesh; Chakraborty, Biswajit; Mondal, Anup; Ghosh, Ashutosh	NEW JOURNAL OF CHEMISTRY	2017	1	[Jana, Sumanta; Ghosh, Ashutosh] Univ Calcutta, Univ Coll Sci, Dept Chem, 92 APC Rd, Kolkata 700009, India; [Mondal, Gopinath; Mitra, Bibhas Chandra; Mondal, Anup] Indian Inst Engrn Sci & Technol, Dept Chem & Phys, Howrah 711103, WB, India; [Mondal, Gopinath; Bera, Pulakesh] Vidyasagar Univ, Panskura Banamali Coll, Dept Chem, East Midnapur 721152, WB, India; [Chakraborty, Biswajit] Vivekananda Mahavidyalaya, Dept Chem, Burdwan 713103, W Bengal, India
Zn ₃ Sb ₄ O ₆ F ₆ : Hydrothermal synthesis, crystal structure and nonlinear optical properties	Ali, Sk Imran; Zhang, Weiguo; Halasyamani, P. Shiv; Johnsson, Mats	JOURNAL OF SOLID STATE CHEMISTRY	2017	1	[Ali, Sk Imran] Vidyasagar Univ, Moyna Coll, Dept Chem, Anandapur 721629, W Bengal, India; [Zhang, Weiguo; Halasyamani, P. Shiv] Univ Houston, Dept Chem, 112 Fleming Bldg, Houston, TX 77204 USA; [Johnsson, Mats] Stockholm Univ, Dept Mat & Environm Chem, SE-10691 Stockholm, Sweden

L(3, 2, 1)- and L(4, 3, 2, 1)-labeling problems on interval graphs	Amanathulla, Sk; Pal, Madhumangal	AKCE INTERNATIONAL JOURNAL OF GRAPHS AND COMBINATORICS	2017	1	[Amanathulla, Sk; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Progressive increase in point mutations associates chloroquine resistance: Even after withdrawal of chloroquine use in India	Das, Sabyasachi; Tripathy, Satyajit; Chattopadhyay, Sourav; Das, Balaram; Mahapatra, Santanu Kar; Hati, Amiya Kumar; Roy, Somenath	INTERNATIONAL JOURNAL FOR PARASITOLOGY-DRUGS AND DRUG RESISTANCE	2017	1	[Das, Sabyasachi; Tripathy, Satyajit; Chattopadhyay, Sourav; Das, Balaram; Roy, Somenath] Vidyasagar Univ, Dept Human Physiol Community Hlth, Immunol & Microbiol Lab, Midnapore 721102, W Bengal, India; [Hati, Amiya Kumar; Roy, Somenath] Calcutta Sch Trop Med, Div Parasitol, Kolkata 700073, W Bengal, India; [Mahapatra, Santanu Kar; Roy, Somenath] SASTRA Univ, Sch Chem & Biotechnol, Dept Biotechnol, Thanjavur 613402, Tamil Nadu, India
Analysis of Carcinogenic Heavy Metals in Gallstones and its Role in Gallbladder Carcinogenesis	Mondal, Bikash; Maulik, Dhruvajyoti; Mandal, Mousumi; Sarkar, Gautam Narayan; Sengupta, Sanjay; Ghosh, Debidas	JOURNAL OF GASTROINTESTINAL CANCER	2017	1	[Mondal, Bikash; Ghosh, Debidas] Vidyasagar Univ, Dept Biomed Lab Sci & Management, Midnapore 721102, India; [Mondal, Bikash; Sengupta, Sanjay] Bankura Sammilani Med Coll, Dept Pathol, Bankura 722101, India; [Maulik, Dhruvajyoti] Bankura Sammilani Med Coll, Dept Gen Surg, Bankura 722101, India; [Mandal, Mousumi] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W

					Bengal, India; [Sarkar, Gautam Narayan] Bankura Sammilani Med Coll, Dept Community Med, Bankura 722101, India
Holling-Tanner model with Beddington-DeAngelis functional response and time delay introducing harvesting	Roy, Banani; Roy, Sankar Kumar; Gurung, Dil Bahadur	MATHEMATICS AND COMPUTERS IN SIMULATION	2017	1	[Roy, Banani; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Gurung, Dil Bahadur] Kathmandu Univ, Dept Nat Sci, Math Grp, Kathmandu, Nepal
(is an element of, is an element of V_q)-BIPOLAR FUZZY BCK/BCI-ALGEBRAS	Jana, Chiranjibe; Pal, Madhumangal; Saied, Arsham Borumand	MISSOURI JOURNAL OF MATHEMATICAL SCIENCES	2017	1	[Jana, Chiranjibe; Pal, Madhumangal] Vidyasagar Univ, Dept Applied Math Oceanol & Comp Programming, Midnapore 721102, India; [Saied, Arsham Borumand] Shahid Bahonar Univ Kerman, Fac Math & Comp, Dept Pure Math, Kerman, Iran
Synthesis, in vitro evaluation of antibacterial, antifungal and larvicidal activities of pyrazole/pyridine based compounds and their nanocrystalline MS (M = Cu and Cd) derivatives	Mondal, Gopinath; Jana, Harekrishna; Acharjya, Moumita; Santra, Ananyakumari; Bera, Pradip; Jana, Abhimanyu; Panja, Anangamohan; Bera, Pulakesh	MEDICINAL CHEMISTRY RESEARCH	2017	1	[Mondal, Gopinath; Acharjya, Moumita; Santra, Ananyakumari; Bera, Pradip; Jana, Abhimanyu; Panja, Anangamohan; Bera, Pulakesh] Vidyasagar Univ, Post Grad Dept Chem, Panskura Banamali Coll, Midnapore E 721152, W Bengal, India; [Jana, Harekrishna] Vidyasagar Univ, Dept Microbiol, Panskura Banamali Coll, Midnapore E 721152, W Bengal, India
Effects of toxicants on	Panja, Prabir;	CHAOS SOLITONS &	2017	1	[Panja, Prabir; Mondal,

Phytoplankton-Zooplankton-Fish dynamics and harvesting	Mondal, Shyamal Kumar; Jana, Dipak Kumar	RACTALS			Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Jana, Dipak Kumar] Haldia Inst Technol, Dept Appl Sci, Purba Medinipur 721657, WB, India
CUBIC IMPLICATIVE IDEALS OF BCK-ALGEBRAS	Senapati, Tapan; Shum, K. P.	MISSOURI JOURNAL OF MATHEMATICAL SCIENCES	2017	1	[Senapati, Tapan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Shum, K. P.] Yunnan Univ, Inst Math, Kunming 650091, Yunnan, Peoples R China
Partial reversible data hiding scheme using (7,4) hamming code	Jana, Biswapati; Giri, Debasis; Mondal, Shyamal Kumar	MULTIMEDIA TOOLS AND APPLICATIONS	2017	1	[Jana, Biswapati] Vidyasagar Univ, Dept Comp Sci, Midnapore 721102, W Bengal, India; [Giri, Debasis] Haldia Inst Technol, Dept Comp Sci & Engn, Haldia 721657, W Bengal, India; [Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Ordering and transfer policy and variable deterioration for a warehouse model	Sarkar, Biswajit; Saren, Sharmila	HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS	2017	1	[Sarkar, Biswajit] Hanyang Univ, Dept Ind Management Engn, Ansan 426791, Gyeonggi Do, South Korea; [Saren, Sharmila] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Dynamical Study in Fuzzy Threshold Dynamics of a	Panja, Prabir; Mondal, Shyamal	FUZZY INFORMATION AND	2017	1	[Panja, Prabir; Mondal, Shyamal Kumar;

Cholera Epidemic Model	Kumar; Chattopadhyay, Joydev	ENGINEERING			Chattopadhyay, Joydev] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Panja, Prabir; Mondal, Shyamal Kumar; Chattopadhyay, Joydev] ISI Kolkata, Agr & Ecol Res Unit, 203 BT Rd, Kolkata, India
First Hierarchical Self- Assembly of a Seco- Triterpenoid alpha- Onocerin Yielding Supramolecular Architectures	Bag, Braja Gopal; Hasan, S. K. Nurul; Pongpamorn, Pornkanok; Thasana, Nopporn	CHEMISTRYSELECT	2017	1	[Bag, Braja Gopal; Hasan, S. K. Nurul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, India; [Pongpamorn, Pornkanok; Thasana, Nopporn] Chulabhorn Royal Acad, Chulabhorn Grad Inst, Chem Biol Program, Bangkok 10210, Thailand; [Thasana, Nopporn] Chulabhorn Res Inst, Bangkok 10210, Thailand; [Thasana, Nopporn] Minist Educ, CHE, Ctr Excellence Environm Hlth & Toxicol EHT, Bangkok, Thailand
An integrated production- inventory model with defective item dependent stochastic credit period	Das, Bibhas Chandra; Das, Barun; Mondal, Shyamal Kumar	COMPUTERS & INDUSTRIAL ENGINEERING	2017	1	[Das, Bibhas Chandra; Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Das, Barun] Jhargram Raj Coll, Dept Math, Midnapore 721507, India
Biopotentiality of Bacillus cereus PB45 for nitrogenous waste detoxification in ex	Barman, Prasenjit; Kati, Ahmet; Mandal,	AQUACULTURE INTERNATIONAL	2017	1	[Barman, Prasenjit; Mandal, Amit Kumar; Das Mohapatra, Pradeep Kumar]

situ model	Amit Kumar; Bandyopadhyay, Partha; Das Mohapatra, Pradeep Kumar				Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Kati, Ahmet] Yeditepe Univ, Dept Genet & Bioengn, Fac Engr, TR-34755 Istanbul, Turkey; [Bandyopadhyay, Partha] Biostadt India Ltd, Poonam Chambers A Wing, 6th Floor, Dr AB Rd, Mumbai 400018, Maharashtra, India
Elucidation of structural and functional integration of a novel antimicrobial peptide from <i>Antheraea mylitta</i>	Dutta, Suhrud R.; Gauri, Samiran S.; Ghosh, Twisa; Halder, Suman K.; DasMohapatra, Pradeep K.; Mondal, Keshab C.; Ghosh, Ananta K.	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	2017	1	[Dutta, Suhrud R.; Halder, Suman K.; DasMohapatra, Pradeep K.; Mondal, Keshab C.] Vidyasagar Univ, Dept Microbiol, Midnapore, W Bengal, India; [Gauri, Samiran S.; Ghosh, Twisa; Ghosh, Ananta K.] Indian Inst Technol, Dept Biotechnol, Kharagpur, W Bengal, India
Study of nutritional and antibacterial potential of some wild edible mushrooms from Gurguripal Ecoforest, West Bengal, India	Singha, Krishanu; Pati, Bikash R.; Mondal, Keshab C.; Das Mohapatra, Pradeep K.	INDIAN JOURNAL OF BIOTECHNOLOGY	2017	1	[Singha, Krishanu; Pati, Bikash R.; Mondal, Keshab C.; Das Mohapatra, Pradeep K.] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, India
Farmers' perceptions of climate change, impacts on freshwater aquaculture and adaptation strategies in climatic change hotspots: A case of the Indian Sundarban delta	Dubey, Sourabh Kumar; Trivedi, Raman Kumar; Chand, Bimal Kinkar; Mandal, Basudev; Rout, Sangram Keshari	ENVIRONMENTAL DEVELOPMENT	2017	1	[Dubey, Sourabh Kumar; Trivedi, Raman Kumar; Rout, Sangram Keshari] West Bengal Univ Anim & Fishery Sci, Fac Fishery Sci, Dept Aquat Environm Management, Kolkata 700094, India; [Chand, Bimal Kinkar] West Bengal Univ Anim & Fishery Sci, Directorate Res Extens & Farms, Kolkata 700037,

					India; [Dubey, Sourabh Kumar; Mandal, Basudev] Vidyasagar Univ, Dept Aquaculture Management & Technol, Midnapore 721102, W Bengal, India; [Chand, Bimal Kinkar] Natl Fisheries Dev Board, Hyderabad 500052, Andhra Pradesh, India
An intelligent hybrid algorithm for 4-dimensional TSP	Maity, Samir; Roy, Arindam; Maiti, Manoranjan	JOURNAL OF INDUSTRIAL INFORMATION INTEGRATION	2017	1	[Maity, Samir] Vidyasagar Univ, Dept Comp Sci, Medinipur 721102, MB, India; [Roy, Arindam] PK Coll, Dept Comp Sci, Purba Medinipur 721401, WB, India; [Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math, Medinipur 721102, WB, India
Diversity and Association Analysis of Algal Periphyton community on <i>Hydrilla verticillata</i> , <i>Vallisneria spiralis</i> , and <i>Ceratophyllum demersum</i> .	Manna, Sumit; Ghosh, Ria; Sen Sarkar, Neera; Roy, Anirban	RESEARCH JOURNAL OF PHARMACEUTICAL BIOLOGICAL AND CHEMICAL SCIENCES	2017	1	[Manna, Sumit] Vidyasagar Univ, Moyna Coll, Dept Bot, Purba Medinipur 721629, W Bengal, India; [Ghosh, Ria; Roy, Anirban] Govt West Bengal, Dept Environm, West Bengal Biodivers Board, Poura Bhawan 4th Floor, FD-415A, Kolkata 700106, W Bengal, India; [Sen Sarkar, Neera] Univ Kalyani, Dept Bot, Nadia 741235, W Bengal, India
A square pyramidal copper(II) complex of a Schiff base ligand: synthesis, crystal structure, antibacterial and DNA interaction studies	Jana, Kalyanmoy; Maity, Tithi; Mahapatra, Tufan Singha; Das Mohapatra, Pradeep Kumar; Debnath, Subhas	TRANSITION METAL CHEMISTRY	2017	1	[Jana, Kalyanmoy; Samanta, Bidhan Chandra] Mugberia Gangadhar Mahavidyalaya, Dept Chem, Purba Medinipur 721425, W Bengal, India; [Maity, Tithi] Prabhat Kumar Coll, Dept

	Chandra; Das, Somnath; Hossain, Maidul; Samanta, Bidhan Chandra				Chem, Purba Medinipur 721401, W Bengal, India; [Mahapatra, Tufan Singha] IIT Kharagpur, Dept Chem, Kharagpur 721302, W Bengal, India; [Das Mohapatra, Pradeep Kumar] Vidyasagar Univ, Dept Microbiol, Paschim Medinipur 721301, W Bengal, India; [Debnath, Subhas Chandra] Univ Kalyani, Dept Chem, Kalyani, W Bengal, India; [Das, Somnath; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Paschim Medinipur 721302, W Bengal, India
Pollution tolerance performance index for plant species using geospatial technology: evidence from Kolaghat Thermal Plant area, West Bengal, India	Maity, Shibdas; Mondal, Ismail; Das, Biswanath; Mondal, Amal Kumar; Bandyopadhyay, Jatisankar	SPATIAL INFORMATION RESEARCH	2017	1	[Maity, Shibdas; Mondal, Amal Kumar] Vidyasagar Univ, Dept Bot & Forestry, UGC DRS SAP Dept, Plant Taxon Biosystemat & Mol Taxon Lab, Midnapore 721102, W Bengal, India; [Mondal, Ismail; Das, Biswanath; Bandyopadhyay, Jatisankar] Vidyasagar Univ, Dept Remote Sensing, Midnapore 721102, W Bengal, India; [Mondal, Ismail; Das, Biswanath; Bandyopadhyay, Jatisankar] Vidyasagar Univ, GIS, Midnapore 721102, W Bengal, India
Expression of a Nitric Oxide Synthesizing Protein in Arterial Endothelial Cells in	Bank, Sarbashri; Jana, Pradipta; Girish, G. V.;	PROTEIN AND PEPTIDE LETTERS	2017	1	[Bank, Sarbashri; Maiti, Smarajit] Vidyasagar Univ, Dept Biochem, Cell & Mol

Response to Different Anti-Anginal Agents Used in Acute Coronary Syndromes	Sinha, Asru K.; Maiti, Smarajit				Therapeut lab, Midnapore 721102, India; [Jana, Pradipta] Univ Calcutta, Dept Bot, Kolkata 700019, W Bengal, India; [Girish, G. V.; Sinha, Asru K.] Sinha Inst Med Sci Technol, Kolkata 700084, India
Relationship between temperament and fatness in 11-year-old children and 17-year-old adolescents from Wroclaw, Poland	Koziel, S.; Chakraborty, R.; Bose, K.	HOMO-JOURNAL OF COMPARATIVE HUMAN BIOLOGY	2017	1	[Koziel, S.] Polish Acad Sci, Dept Anthropol, Hirszfeld Inst Immunol & Expt Therapy, Rudolf Weigiel 12, PL-53114 Wroclaw, Poland; [Chakraborty, R.] Dinabandhu Mahavidyalaya, Dept Anthropol, Bongaon, W Bengal, India; [Bose, K.] Vidyasagar Univ, Dept Anthropol, Midnapore, W Bengal, India
Detailed variational analysis of single mode trapezoidal index fiber involving two simple approximations of fundamental mode with comparison relating accurate prediction of propagation characteristics	Mallick, Aswini Kumar; Sarkar, Somenath	JOURNAL OF MODERN OPTICS	2017	1	[Mallick, Aswini Kumar; Sarkar, Somenath] Univ Calcutta, Dept Elect Sci, Kolkata, India; [Sarkar, Somenath] Univ Calcutta, CRNN, Kolkata, India; [Mallick, Aswini Kumar] Vidyasagar Univ, Dept Elect, Midnapore, India
Aspect ratio based nonlinear effects in spot size dependent propagation characteristics of trapezoidal index single mode fiber	Mallick, Aswini Kumar; Sarkar, Somenath	OPTIK	2017	1	[Mallick, Aswini Kumar; Sarkar, Somenath] Univ Calcutta, Dept Elect Sci, 92 APC Rd, Kolkata 700009, India; [Sarkar, Somenath] Univ Calcutta, CRNN, JD 2, Kolkata 700098, W Bengal, India; [Mallick, Aswini Kumar] Vidyasagar Univ, Dept Elect, Midnapore 721102, India

Optimal control problem for an imperfect production process using fuzzy variational principle	Roul, J. N.; Maity, K.; Kar, S.; Maiti, M.	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2017	1	[Roul, J. N.] Patha Bhavana, Santini Ketan 731235, W Bengal, India; [Maity, K.] Mugberia Gangadhar Mahavidyalaya, Dept Math, Purba Medinipur, WB, India; [Kar, S.] Natl Inst Technol, Dept Math, Durgapur, WB, India; [Maiti, M.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, WB, India
PRESERVATION OF DETERIORATING SEASONAL PRODUCTS WITH STOCK-DEPENDENT CONSUMPTION RATE AND SHORTAGES	Sarkar, Biswajit; Mandal, Buddhadev; Sarkar, Sumon	JOURNAL OF INDUSTRIAL AND MANAGEMENT OPTIMIZATION	2017	1	[Sarkar, Biswajit; Sarkar, Sumon] Hanyang Univ, Dept Ind & Management Engrn, Ansan Gyeonggi Do 426791, South Korea; [Mandal, Buddhadev] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Therapeutic applications of zebrafish (Danio rerio) miRNAs linked with human diseases: A prospective review	Bhattacharya, Manojit; Ghosh, Soumendu; Malick, Ramesh Chandra; Patra, Bidhan Chandra; Das, Basanta Kumar	GENE	2018	0	[Bhattacharya, Manojit; Malick, Ramesh Chandra; Das, Basanta Kumar] ICAR Cent Inland Fisheries Res Inst, Kolkata 700120, W Bengal, India; [Ghosh, Soumendu; Patra, Bidhan Chandra] Vidyasagar Univ, Dept Aquaculture Management & Technol, Ctr Aquaculture Res Extens & Livelihood, Midnapore 721102, W Bengal, India
Future scenarios of land-use suitability modeling for agricultural sustainability in a river basin	Sahoo, Satiprasad; Sil, Indrani; Dhar, Anirban;	JOURNAL OF CLEANER PRODUCTION	2018	0	[Sahoo, Satiprasad] Jadavpur Univ, Fac Interdisciplinary Studies Law & Management, Kolkata

	Debsarkar, Anupam; Das, Pulakesh; Kar, Amlanjyoti				700032, WB, India; [Sil, Indrani] Vidyasagar Univ, Dept Remote Sensing & GIS, Midnapore, India; [Dhar, Anirban] IIT Kharagpur, Dept Civil Engr, Kharagpur, W Bengal, India; [Debsarkar, Anupam] Jadavpur Univ, Dept Civil Engr, Kolkata, India; [Das, Pulakesh] IIT Kharagpur, Ctr Oceans Rivers Atmosphere & Land Sci, Kharagpur, W Bengal, India; [Kar, Amlanjyoti] Cent Groundwater Board, Kolkata, India
Length-weight relationship of nine Clupeiform fish species from the Digha coast, West Bengal, India	Bhattacharya, Manojit; Kar, Avijit; Chini, Deep Sankar; Malick, Ramesh Chandra; Patra, Bidhan Chandra; Patra, Shampa; Das, Basanta Kumar	JOURNAL OF APPLIED ICHTHYOLOGY	2018	0	[Bhattacharya, Manojit; Malick, Ramesh Chandra; Das, Basanta Kumar] ICAR Cent Inland Fisheries Res Inst, Kolkata, W Bengal, India; [Kar, Avijit; Chini, Deep Sankar; Patra, Bidhan Chandra] Vidyasagar Univ, Dept Aquaculture Management & Technol, Ctr Aquaculture Res Extens & Livelihood, Midnapore, W Bengal, India; [Patra, Shampa] Sabang Sajanikanta Mahavidyalaya, Paschim Medinipur, W Bengal, India
A dynamical model for diagnosing orographic rainfall across Assam-Burma hills in India	Das, Prasanta; Dutta, Somenath; Mondal, Shyamal Kumar	MODELING EARTH SYSTEMS AND ENVIRONMENT	2018	0	[Das, Prasanta] Ramananda Coll, Dept Math UG&PG, Bankura, W Bengal, India; [Dutta, Somenath] Indian Meteorol Dept, Pune, Maharashtra, India; [Mondal, Shyamal Kumar]

					Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, W Bengal, India
Hall Effects on Magnetohydrodynamics Flow of Nanofluids Due to Non-Coaxial Rotation of a Porous Disk and a Fluid at Infinity	Das, S.; Tarafdar, B.; Jana, R. N.	JOURNAL OF NANOFUIDS	2018	0	[Das, S.; Tarafdar, B.] Univ Gour Banga, Dept Math, Malda 732103, India; [Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India
Entropy Generation Analysis of MHD Slip Flow of Non-Newtonian Cu-Casson Nanofluid in a Porous Microchannel Filled with Saturated Porous Medium Considering Thermal Radiation	Das, S.; Sarkar, S.; Jana, R. N.	JOURNAL OF NANOFUIDS	2018	0	[Das, S.; Sarkar, S.] Univ Gour Banga, Dept Math, Malda 732103, India; [Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India
Assessment of microbial roles in the bioconversion of paper mill sludge through vermicomposting	Ganguly, Ram Kumar; Chakraborty, Susanta Kumar	JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING	2018	0	[Ganguly, Ram Kumar; Chakraborty, Susanta Kumar] Vidyasagar Univ, Dept Zool, Midnapore 721102, W Bengal, India
Analyzing risk factors for shrinkage and transformation of East Kolkata Wetland, India	Ghosh, Subrata; Dinda, Santanu; Das Chatterjee, Nilanjana; Das, Kousik	SPATIAL INFORMATION RESEARCH	2018	0	[Ghosh, Subrata; Dinda, Santanu; Das Chatterjee, Nilanjana; Das, Kousik] Vidyasagar Univ, Dept Geog & Environm Management, Midnapore 721102, W Bengal, India
RETRACTION: Retraction Note: Subject choice in educational data sets by using principal component and procrustes analysis (Retraction of Vol 2, Pg 209, 2016)	Khan, Ansar; Jana, Mrityunjoy; Bera, Subhankar; Das, Arosikha	MODELING EARTH SYSTEMS AND ENVIRONMENT	2018	0	[Khan, Ansar; Bera, Subhankar] Vidyasagar Univ, Dept Geog & Environm Management, Midnapore, India; [Jana, Mrityunjoy] North Orissa Univ, Dept Educ, Baripada, India; [Das, Arosikha] Ravenshaw Univ, Dept Appl Geog, Cuttack, Orissa, India

Directional PVO for reversible data hiding scheme with image interpolation	Meikap, Sudipta; Jana, Biswapati	MULTIMEDIA TOOLS AND APPLICATIONS	2018	0	[Meikap, Sudipta] Hijli Coll, Dept Comp Sci, Paschim Medinipur 721306, W Bengal, India; [Jana, Biswapati] Vidyasagar Univ, Dept Comp Sci, Midnapore 721102, W Bengal, India
Multi-Objective Fixed-Charge Transportation Problem with Random Rough Variables	Roy, Sankar Kumar; Midya, Sudipta; Yu, Vincent F.	INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS	2018	0	[Roy, Sankar Kumar; Midya, Sudipta] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Yu, Vincent F.] Natl Taiwan Univ Sci & Technol, Dept Ind Management, 43, Sect 4, Keelung Rd, Taipei 10607, Taiwan
Evidence of Artemisinin-Resistant Plasmodium falciparum Malaria in Eastern India	Das, Sabyasachi; Saha, Bhaskar; Hati, Amiya K.; Roy, Somenath	NEW ENGLAND JOURNAL OF MEDICINE	2018	0	[Das, Sabyasachi; Roy, Somenath] Vidyasagar Univ, Midnapore, India; [Saha, Bhaskar] Natl Ctr Cell Sci, Pune, Maharashtra, India; [Hati, Amiya K.] Calcutta Sch Trop Med, Kolkata, India
Synthesis, crystal structure and DNA/protein binding of tetranuclear Cu(II) complexes with a double-open-cubane like core framework	Paul, Aparup; Puschmann, Horst; Manna, Subal Chandra	POLYHEDRON	2018	0	[Paul, Aparup; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Puschmann, Horst] Univ Durham, Dept Chem, South Rd, Durham DH1 3LE, England
Fabrication of efficient dye-sensitized solar cells with photoanode containing TiO ₂ -Au and TiO ₂ -Ag plasmonic nanocomposites	Bhardwaj, Swati; Pal, Arnab; Chatterjee, Kuntal; Rana, Tushar H.; Bhattacharya,	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2018	0	[Bhardwaj, Swati; Rana, Tushar H.; Sharma, Ganesh D.; Biswas, Subhayan] LNM Inst Informat Technol, Dept Phys, Jaipur 302031, Rajasthan, India; [Pal,

	Gourav; Roy, Susanta Sinha; Chowdhury, Papia; Sharma, Ganesh D.; Biswas, Subhayan				Arnab; Chatterjee, Kuntal] Vidyasagar Univ, Midnapore 721102, India; [Bhattacharya, Gourav; Roy, Susanta Sinha] Shiv Nadar Univ, Dept Phys, Sch Nat Sci, Greater Noida 201314, Uttar Pradesh, India; [Chowdhury, Papia] Jaypee Inst Informat Technol, Dept Phys, Noida 201307, India
Multi-cluster analysis of Crabs and Ichthyofaunal Diversity in relation to habitat distribution at Tropical Mangrove ecosystem of the Indian Sundarbans	Bhattacharya, Manojit; Kar, Avijit; Chini, Deep Sankar; Malick, Ramesh Chandra; Patra, Bidhan Chandra; Das, Basanta Kumar	REGIONAL STUDIES IN MARINE SCIENCE	2018	0	[Bhattacharya, Manojit; Malick, Ramesh Chandra; Das, Basanta Kumar] ICAR Cent Inland Fisheries Res Inst, Kolkata 700120, W Bengal, India; [Kar, Avijit; Chini, Deep Sankar; Patra, Bidhan Chandra] Vidyasagar Univ, Dept Aquaculture Management & Technol, Ctr Aquaculture Res Extens & Livelihood, Midnapore 721102, W Bengal, India
Publications by Faculty Members of Humanities and Social Science Dept.s of IIT Kharagpur: A bibliometric study	Bhui, Trishna; Sahu, Nivedita Bhattacharyya	DESIDOC JOURNAL OF LIBRARY & INFORMATION TECHNOLOGY	2018	0	[Bhui, Trishna; Sahu, Nivedita Bhattacharyya] Vidyasagar Univ, Medinipur 721102, W Bengal, India
Hall effects on unsteady MHD rotating flow past a periodically accelerated porous plate with slippage	Das, S.; Tarafdar, B.; Jana, R. N.	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	2018	0	[Das, S.; Tarafdar, B.] Univ Gour Bango, Dept Math, Malda 732103, India; [Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India
Reply to the "comments on -a theoretical study on the linearity of the I-d-T curve of a SiC MESFET for sensor application"	Dutta, Sutanu	SUPERLATTICES AND MICROSTRUCTURES	2018	0	[Dutta, Sutanu] Vidyasagar Univ, Dept Elect, Midnapore 721102, W Bengal, India; [Dutta, Sutanu] Univ Calcutta, Dept Elect Sci, 92

					APC Rd, Kolkata 700009, W Bengal, India
Synthesis, characterization and antimicrobial activities of Co(III) and Ni(II) complexes with 5-methyl-3-formylpyrazole-N(4)-dihexylthiosemicarbazone (HMP(z)NHex(2)): X-ray crystallography and DFT calculations of [Co(MP(z)NFlex(2))(2)]ClO4 center dot 1.5H(2)O (I) and [Ni(HMP(z)NHex(2))(2)]Cl-2 center dot 2H(2)O (II)	Saha, Manan; Biswas, Jayanta Kumar; Mondal, Monojit; Ghosh, Debarati; Mandal, Susmita; Cordes, David B.; Slawin, Alexandra M. Z.; Mandal, Tarun Kanti; Saha, Nitis Chandra	INORGANICA CHIMICA ACTA	2018	0	[Saha, Manan; Mandal, Susmita; Saha, Nitis Chandra] Univ Kalyani, Dept Chem, Kalyani 741235, W Bengal, India; [Biswas, Jayanta Kumar; Mandal, Monojit; Ghosh, Debarati] Univ Kalyani, Dept Ecol Studies, Kalyani 741235, W Bengal, India; [Biswas, Jayanta Kumar; Mandal, Monojit; Ghosh, Debarati] Univ Kalyani, Int Ctr Ecol Engn, Kalyani 741235, W Bengal, India; [Cordes, David B.; Slawin, Alexandra M. Z.] Univ St Andrews, Sch Chem, St Andrews KY16 9ST, Fife, Scotland; [Mandal, Tarun Kanti] Vidyasagar Univ, Fac Councils Post Grad Studies, Midnapore 721102, India
Probing the binding of Spathodea campanulata leaves extract mediated biogenic potential microbicidal silver nanoparticles to human serum albumin: An insight in the light of spectroscopic approach	Beg, Maidul; Maji, Anukul; Mandal, Amit Kumar; Das, Somnath; Jha, Pradeep K.; Hossain, Maidul	JOURNAL OF LUMINESCENCE	2018	0	[Beg, Maidul; Maji, Anukul; Das, Somnath; Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Mandal, Amit Kumar] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Raiganj 733134, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W Bengal, India
Multi-item 4D-TPs under	Bera, Sukhendu;	APPLIED SOFT	2018	0	[Bera, Sukhendu; Basu,

budget constraint using rough interval	Giri, Pravash Kumar; Jana, Dipak Kumar; Basu, Kajla; Maiti, Manoranjan	COMPUTING			Kajla] Natl Inst Technol Durgapur, Durgapur 713209, India; [Giri, Pravash Kumar] Kanchanpur Milan Vidyapith High, Purba Medinipur 721628, WB, India; [Jana, Dipak Kumar] Haldia Inst Technol, Dept Appl Sci, Haldia 721657, Purba Medinipur, India; [Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India
The validity of mid-upper arm circumference as an indicator of low BMI in population screening for undernutrition: a study among adult slum dwellers in eastern India	Das, Priyanka; Khatun, Argina; Bose, Kaushik; Chakraborty, Raja	PUBLIC HEALTH NUTRITION	2018	0	[Das, Priyanka; Khatun, Argina; Bose, Kaushik] Vidyasagar Univ, Dept Anthropol, Midnapore, W Bengal, India; [Chakraborty, Raja] Dinabandhu Mahavidyalaya, Dept Anthropol, North 24 Parganas, Bangaon 743235, W Bengal, India
p-Toluato-bridged dinuclear Cu(II) complexes in combination with tridentate chelating ligand: Crystal structure, density functional theory calculation, DNA/protein binding and catecholase activity	Dolai, Samar; Das, Kalipada; Bhunia, Apurba; Bertolasi, Valerio; Manna, Subal Chandra	APPLIED ORGANOMETALLIC CHEMISTRY	2018	0	[Dolai, Samar; Das, Kalipada; Bhunia, Apurba; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Bertolasi, Valerio] Univ Ferrara, Ctr Strutturist Diffraattometr, Dipartimento Sci Chim & Farmaceut, Via L Borsari 46, I-44100 Ferrara, Italy
Synthesis, characterization, cytotoxicity effect and DNA cleavage study of	Jana, Abhimanyu; Brandao, Paula;	INORGANICA CHIMICA ACTA	2018	0	[Jana, Abhimanyu; Mondal, Gopinath; Bera, Pradip; Santra, Ananyakumari; Bera,

symmetric dinuclear chloro and azido bridged copper(II) complexes of naphthyl-pyrazole based ligand	Mondal, Gopinath; Bera, Pradip; Santra, Ananyakumari; Jana, Atish Dipankar; Mokhamatam, Raveendra Babu; Manna, Sunil Kumar; Bhattacharyya, Nandan; Bera, Pulakesh				Pulakesh] Vidyasagar Univ, Panskura Banamali Coll, Post Grad Dept Chem, Midnapore E 721152, W Bengal, India; [Brandao, Paula] Univ Aveiro, CICECO, Dept Chem, P-3810193 Aveiro, Portugal; [Jana, Atish Dipankar] Behala Coll, Dept Phys, Kolkata 700060, India; [Mokhamatam, Raveendra Babu; Manna, Sunil Kumar] Ctr DNA Fingerprinting & Diagonost CDFD, Hyderabad 500039, Telengana, India; [Bhattacharyya, Nandan] Vidyasagar Univ, Panskura Banamali Coll, Dept Biotechnol, Midnapore E 721152, W Bengal, India
An EPQ model with promotional demand in random planning horizon: population varying genetic algorithm approach	Manna, A. K.; Das, B.; Dey, J. K.; Mondal, S. K.	JOURNAL OF INTELLIGENT MANUFACTURING	2018	0	[Manna, A. K.; Mondal, S. K.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Das, B.] Sidho Kanho Birsha Univ, Dept Math, Purulia, WB, India; [Dey, J. K.] Mahishadal Raj Coll, Dept Math, Mahishadal 721628, WB, India
Orcinol Glucoside Loaded Polymer - Lipid Hybrid Nanostructured Lipid Carriers: Potential Cytotoxic Agents against Gastric, Colon and Hepatoma Carcinoma Cell Lines	Nahak, Prasant; Gajbhiye, Rahul L.; Karmakar, Gourab; Guha, Pritam; Roy, Biplab; Besra, Shila Elizabeth; Bikov, Alexey G.;	PHARMACEUTICAL RESEARCH	2018	0	[Nahak, Prasant; Karmakar, Gourab; Guha, Pritam; Roy, Biplab] Univ North Bengal, Dept Chem, Darjeeling 734013, W Bengal, India; [Gajbhiye, Rahul L.; Jaisankar, Parasuraman] CSIR Indian Inst Chem Biol,

	AkentieV, Alexander V.; Noskov, Boris A.; Nag, Kaushik; Jaisankar, Parasuraman; Panda, Amiya Kumar				Organ & Med Chem Div, 4 Raja SC Mullcik Rd, Kolkata 700032, W Bengal, India; [Besra, Shila Elizabeth] CSIR Indian Inst Chem Biol, Canc Biol & Inflammatory Disorder Div, 4 Raja SC Mullcik Rd, Kolkata 700032, W Bengal, India; [Bikov, Alexey G.; AkentieV, Alexander V.; Noskov, Boris A.] St Petersburg State Univ, Dept Colloid Chem, Univ Sky Pr 26, St Petersburg 198504, Russia; [Nag, Kaushik] Mem Univ Newfoundland, Dept Biochem, St John, NF, Canada; [Panda, Amiya Kumar] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Stability, Bifurcation and Optimal Control Analysis of a Malaria Model in a Periodic Environment	Panja, Prabir; Mondal, Shyamal Kumar; Chattopadhyay, Joydev	INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION	2018	0	[Panja, Prabir] Haldia Inst Technol, Dept Appl Sci, Haldia 721657, WB, India; [Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Chattopadhyay, Joydev] ISI Kolkata, Agr & Ecol Res Unit, 203 BT Rd, Kolkata, WB, India
Shoreline change detection along the coast of Odisha, India using digital shoreline analysis system	Roy, Santanu; Mahapatra, Manik; Chakraborty, Abhishekh	SPATIAL INFORMATION RESEARCH	2018	0	[Roy, Santanu; Chakraborty, Abhishekh] Vidyasagar Univ, Dept Remote Sensing & GIS, Midnapore 721102, W Bengal, India; [Mahapatra, Manik] Natl Ctr Sustainable

					Coastal Management, Madras, Tamil Nadu, India
Optical properties and enhanced photocatalytic activity of Mg-doped ZnO nanoparticles	Samanta, Anindita; Goswami, M. N.; Mahapatra, P. K.	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	2018	0	[Samanta, Anindita] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, W Bengal, India; [Goswami, M. N.] Midnapore Coll, Dept Phys, Midnapore 721101, W Bengal, India; [Mahapatra, P. K.] SOA Univ, Dept Phys, ITER, Bhubaneswar 751030, Odisha, India
RGO-ZnSe Photocatalyst towards Solar-Light-Assisted Degradation of Tetracycline Antibiotic Water Pollutant	Das, Poulomi; Pan, Arvind; Chakraborty, Koushik; Pal, Tanusri; Ghosh, Surajit	CHEMISTRYSELECT	2018	0	[Das, Poulomi; Pal, Tanusri] Midnapore Coll, Dept Phys, Midnapore 721101, WB, India; [Pan, Arvind] Univ Calcutta, Vivekananda Coll, Dept Phys, Kolkata 700063, WB, India; [Chakraborty, Koushik; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, WB, India
Abrogation of sodium arsenite driven uterine antioxidant exhaustion and tissue impairment: Role of B-12 and folate	Deb, B.; Maity, M.; Maiti, S.; Pan, B.; Perveen, H.; Dash, M.; Maiti, A. K.; Chattopadhyay, S.	JOURNAL OF ENVIRONMENTAL BIOLOGY	2018	0	[Deb, B.; Maity, M.; Pan, B.; Perveen, H.; Dash, M.; Chattopadhyay, S.] Vidyasagar Univ, Dept Biomed Lab Sci & Management, Midnapore 721102, India; [Deb, B.; Maity, M.; Pan, B.; Perveen, H.; Dash, M.; Chattopadhyay, S.] Vidyasagar Univ, Clin Nutr & Dietet Div, Midnapore 721102, India; [Maiti, S.] Oriental Inst Sci & Technol, Dept Biochem, Midnapore 721102, India; [Maiti, A. K.]

					Midnapore Med Coll & Hosp, Dept Pathol, Midnapore 721102, India
Geochemical contamination in the mine affected soil of Raniganj Coalfield - A river basin scale assessment	Manna, Abhijit; Maiti, Ramkrishna	GEOSCIENCE FRONTIERS	2018	0	[Manna, Abhijit; Maiti, Ramkrishna] Vidyasagar Univ, Dept Geog & Environm Management, Midnapore 721102, W Bengal, India
Weighted matrix based reversible watermarking scheme using color image	Pal, Pabitra; Chowdhuri, Partha; Jana, Biswapati	MULTIMEDIA TOOLS AND APPLICATIONS	2018	0	[Pal, Pabitra; Chowdhuri, Partha; Jana, Biswapati] Vidyasagar Univ, Dept Comp Sci, Midnapore 721102, W Bengal, India
Biophysical Correlates on the Composition, Functionality, and Structure of Dendrimer-Liposome Aggregates	Roy, Biplab; Guha, Pritam; Nahak, Prasant; Karmakar, Gourab; Maiti, Souvik; Mandal, Amit Kumar; Bykov, Alexey G.; Akentiev, Alexander V.; Noskov, Boris A.; Tsuchiya, Koji; Torigoe, Kanjiro; Panda, Amiya Kumar	ACS OMEGA	2018	0	[Roy, Biplab; Guha, Pritam; Nahak, Prasant; Karmakar, Gourab] Univ North Bengal, Dept Chem, Darjeeling 734013, W Bengal, India; [Maiti, Souvik] CSIR, Inst Genom & Integrat Biol, Prote & Struct Biol Unit, Mall Rd, Delhi 110007, India; [Mandal, Amit Kumar] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Uttar Dinajpur 733134, W Bengal, India; [Bykov, Alexey G.; Akentiev, Alexander V.; Noskov, Boris A.] St Petersburg State Univ, Dept Colloid Chem, Univ Pr 26, St Petersburg 198504, Russia; [Tsuchiya, Koji; Torigoe, Kanjiro] Tokyo Univ Sci, Dept Pure & Appl Chem, 2641 Yamazaki, Noda, Tokyo 2788510, Japan; [Panda, Amiya Kumar] Vidyasagar Univ, Dept Chem & Chem

					Technol, Midnapore 721102, W Bengal, India
ANTIHYPERGLYCEMIC AND ANTIOXIDATIVE EFFECT OF HYDRO-METHANOLIC EXTRACT OF LEAF OF ABROMA AUGUSTA IN STREPTOZOTOCIN INDUCED DIABETIC MALE ALBINO RAT	Saha, U.; Ghosh, C.; Mallick, Chhanda	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2018	0	[Saha, U.; Ghosh, C.; Mallick, Chhanda] Vidyasagar Univ, Clin Nutr & Dietet, Dept Biomed Lab Sci & Management, UGC Innovat Funded Dept, Midnapore 721102, W Bengal, India
Nano chloroquine delivery against Plasmodium berghei NK65 induced programmed cell death in spleen	Tripathy, Satyajit; Chattopadhyay, Sourav; Dash, Sandeep Kr.; Matsabisa, Motlalepula G.; Roy, Somenath	ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE	2018	0	[Tripathy, Satyajit; Dash, Sandeep Kr.; Roy, Somenath] Vidyasagar Univ, Dept Human Physiol Community Hlth, Immunol & Microbiol Lab, Midnapore 721102, W Bengal, India; [Tripathy, Satyajit; Matsabisa, Motlalepula G.] Univ Free State, Dept Pharmacol, POB 339, ZA-9300 Bloemfontein, South Africa; [Chattopadhyay, Sourav] BSBE Indian Inst Technol, Kanpur, Uttar Pradesh, India; [Dash, Sandeep Kr.] Univ Gour Banga, Malda, W Bengal, India
Characterization and Strain Improvement of Aerobic Denitrifying EPS Producing Bacterium Bacillus cereus PB88 for Shrimp Water Quality Management	Barman, Prasenjit; Bandyopadhyay, Partha; Kati, Ahmet; Paul, Tanmay; Mandal, Amit Kumar; Mondal, Keshab Chandra; Das Mohapatra, Pradeep Kumar	WASTE AND BIOMASS VALORIZATION	2018	0	[Barman, Prasenjit; Paul, Tanmay; Mondal, Keshab Chandra; Das Mohapatra, Pradeep Kumar] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Bandyopadhyay, Partha] Biostadt India Ltd, Poonam Chambers A Wing, 6th Floor, Dr AB Rd, Bombay 400018, Maharashtra, India;

					[Kati, Ahmet] Hayat Kimya, Res & Dev Ctr, Dept Detergent & Chem Technol, TR-41275 Golcuk, Kocaeli, Turkey; [Mandal, Amit Kumar] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Uttar Dinajpur 733134, W Bengal, India
Paradoxical Bactericidal Effects of Hydrophobic Lung Surfactant Proteins and Their Peptide Mimics Using Liposome Molecular Trojan	Dutta, Kunal; Nag, Kaushik; Booth, Valerie; Smyth, Erin; Dueck, Helen; Fritzen-Garcia, Mauricia; Ghosh, Chandradipa; Panda, Amiya Kumar	JOURNAL OF OLEO SCIENCE	2018	0	[Dutta, Kunal; Ghosh, Chandradipa] Vidyasagar Univ, Dept Human Physiol Community Hlth, Microbiol & Immunol Lab, Midnapore 721102, W Bengal, India; [Nag, Kaushik; Booth, Valerie; Smyth, Erin; Dueck, Helen] Mem Univ Newfoundland, Dept Biochem, St John, NF, Canada; [Fritzen-Garcia, Mauricia] Fed Univ Pana, Aquaculture Lab, BR-83255000 Belem, Para, Brazil; [Dutta, Kunal; Panda, Amiya Kumar] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Enhanced efficiency of PbS quantum dot-sensitized solar cells using plasmonic photoanode	Bhardwaj, Swati; Pal, Arnab; Chatterjee, Kuntal; Rana, Tushar H.; Bhattacharya, Gourav; Roy, Susanta Sinha; Chowdhury, Papia; Sharma, Ganesh D.;	JOURNAL OF NANOPARTICLE RESEARCH	2018	0	[Bhardwaj, Swati; Rana, Tushar H.; Sharma, Ganesh D.; Biswas, Subhayan] LNM Inst Informat Technol, Dept Phys, Jaipur 302031, Rajasthan, India; [Pal, Arnab; Chatterjee, Kuntal] Vidyasagar Univ, Midnapore 721102, India; [Bhattacharya, Gourav; Roy, Susanta Sinha] Shiv Nadar

	Biswas, Subhayan				Univ, Sch Nat Sci, Dept Phys, Greater Noida 201314, Uttar Pradesh, India; [Chowdhury, Papia] Jaypee Inst Informat Technol, Noida 201307, India
Spirulina platensis ameliorates arsenic- mediated uterine damage and ovarian steroidogenic disorder	Khatun, Shamima; Maity, Moulima; Perveen, Hasina; Dash, Moumita; Chattopadhyay, Sandip	FACETS	2018	0	[Khatun, Shamima; Maity, Moulima; Perveen, Hasina; Dash, Moumita; Chattopadhyay, Sandip] Vidyasagar Univ, Dept Biomed Lab Sci & Management, Midnapore 721102, W Bengal, India; [Khatun, Shamima; Maity, Moulima; Perveen, Hasina; Dash, Moumita; Chattopadhyay, Sandip] Vidyasagar Univ, Clin Nutr & Dietet Div, UGC Innovat Dept, Midnapore 721102, W Bengal, India
Silica-Coated Metal Oxide Nanoparticles: Magnetic and Cytotoxicity Studies	Basu, Parbati; De, Kalyanashis; Das, Soma; Mandal, Amit K.; Kumar, Anoop; Jana, Tushar K.; Chatterjee, Kuntal	CHEMISTRYSELECT	2018	0	[Basu, Parbati; Jana, Tushar K.; Chatterjee, Kuntal] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [De, Kalyanashis] NITMAS, DH Rd,24 Pgs S, Jhinga 743368, India; [Das, Soma] Guru Ghasidas Cent Univ, Dept Elect & Commun Engr, Bilaspur 495009, CG, India; [Mandal, Amit K.] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Raiganj 733134, India; [Kumar, Anoop] North Bengal Univ, Dept Biotechnol, Darjeeling 734013, India

Aggregation induced emission of 9-Anthraldehyde microstructures and its selective sensing behavior towards picric acid	Das, Debasish; Maity, Ashim; Shyamal, Milan; Maity, Samir; Mudi, Naren; Misra, Ajay	JOURNAL OF MOLECULAR LIQUIDS	2018	0	[Das, Debasish; Maity, Ashim; Shyamal, Milan; Maity, Samir; Mudi, Naren; Misra, Ajay] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, WB, India
Pyrene-based Schiff Base as Selective Chemosensor for Copper(II) and Sulfide Ions	Dalbera, Subrata; Kulovi, Somnath; Dalai, Sudipta	CHEMISTRYSELECT	2018	0	[Dalbera, Subrata; Kulovi, Somnath; Dalai, Sudipta] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Exploring the dual impact of hydrocarbon chainlength and the role of piroxicam a conventional NSAID on soylecithin/ion pair amphiphiles mediated hybrid vesicles for brain - tumor targeted drug delivery	Guha, Pritam; Roy, Biplab; Nahak, Prasant; Karmakar, Gourab; Chang, Chien H.; Bikov, Alexey G.; Akentiev, Alexander B.; Noskov, Boris A.; Mandal, Amit K.; Kumar, Anoop; Hassan, P. A.; Aswal, V. K.; Misono, Takeshi; Torigoe, Kanjiro; Panda, Amiya K.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2018	0	[Guha, Pritam; Roy, Biplab; Nahak, Prasant; Karmakar, Gourab] Univ North Bengal, Dept Chem, Darjeeling 734013, W Bengal, India; [Chang, Chien H.] Natl Cheng Kung Univ, Dept Chem Engr, Tainan, Taiwan; [Bikov, Alexey G.; Akentiev, Alexander B.; Noskov, Boris A.] St Petersburg State Univ, Dept Colloid Chem, Univ Skii Pr 26, St Petersburg 198504, Russia; [Mandal, Amit K.] Raiganj Univ, Dept Sericulture, Chem Biol Lab, Raiganj 733134, W Bengal, India; [Kumar, Anoop] Univ North Bengal, Dept Biotechnol, Darjeeling 734013, W Bengal, India; [Hassan, P. A.; Aswal, V. K.] Bhabha Atom Res Ctr Trombay, Thermal & Interfacial Chem Sect, Chem Div, Bombay 400085, Maharashtra, India;

					[Misono, Takeshi; Torigoe, Kanjiro] Tokyo Univ Sci, Dept Pure & Appl Chem, 2641 Yamazaki, Noda, Chiba 2788510, Japan; [Panda, Amiya K.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnaore 721102, W Bengal, India
Reduced Graphene Oxide-Cadmium Zinc Sulfide Nanocomposite with Controlled Band Gap for Large-Area Thin-Film Optoelectronic Device Application	Ibrahim, Sk; Chakraborty, Koushik; Pal, Tanusri; Ghosh, Surajit	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2018	0	[Ibrahim, Sk; Chakraborty, Koushik; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Pal, Tanusri] Midnapore Coll, Dept Phys, Midnapore 721101, India
Nonclassical properties (squeezing, antibunching, entanglement) for couple-cavity optomechanical system	Mukherjee, Kousik; Jana, Paresh Chandra	JOURNAL OF OPTICS-INDIA	2018	0	[Mukherjee, Kousik; Jana, Paresh Chandra] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India
Fuzzy Optimization for Multi-item Supply Chain with Trade Credit and Two-Level Price Discount Under Promotional Cost Sharing	Pakhira, Nilesh; Maiti, Manas Kumar; Maiti, Manoranjan	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS	2018	0	[Pakhira, Nilesh; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Paschim Medinipur 721102, W Bengal, India; [Maiti, Manas Kumar] Mahishadal Raj Coll, Dept Math, Purba Medinipur 721628, W Bengal, India
AN INTEGRATED INVENTORY MODEL WITH VARIABLE HOLDING COST UNDER TWO LEVELS OF TRADE-CREDIT POLICY	Pervin, Magfura; Roy, Sankar Kumar; Weber, Gerhard Wilhelm	NUMERICAL ALGEBRA CONTROL AND OPTIMIZATION	2018	0	[Pervin, Magfura; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Weber, Gerhard Wilhelm] Poznan Univ Tech, Chair

					Mkt & Econ Engn, Fac Engn Management, UI Strzelecka 11, PL-60965 Poznan, Poland
T-fuzzy KU-ideals of KU-algebras	Senapati, Tapan	AFRIKA MATEMATIKA	2018	0	[Senapati, Tapan] Vidyasagar Univ, Dept Appl Math, Oceanol & Comp Programming, Midnapore 721102, India
Pseudochromadora benepapillata (Timm 1961) comb. n. (Desmodoridae: Nematoda): revision of its taxonomic status and distribution	Datta, Tridip Kumar; Ganguly, Arundhati; Chakraborty, Susanta Kumar	ZOOTAXA	2018	0	[Datta, Tridip Kumar] Zool Survey India, Kolkata 700053, India; [Ganguly, Arundhati] Jogesh Chandra Chaudhuri Coll, PA Shah Rd, Kolkata 700033, India; [Datta, Tridip Kumar; Chakraborty, Susanta Kumar] Vidyasagar Univ, Dept Zool, Midnapore West 721102, India
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, Gourab; Nahak, Prasant; Roy, Biplab; Guha, Pritam; Tsuchiya, Koji; Torigoe, Kanjiro; Nath, Ranendu Kumar; Panda, Amiya Kumar	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2018	0	[Karmakar, Gourab; Nahak, Prasant; Roy, Biplab; Guha, Pritam] Univ North Bengal, Dept Chem, Darjeeling 734013, W Bengal, India; [Tsuchiya, Koji; Torigoe, Kanjiro] Tokyo Univ Sci, Dept Pure & Appl Chem, 2641Yamazaki, Noda, Tokyo 2788510, Japan; [Nath, Ranendu Kumar] Tripura Univ, Dept Chem, Suryamaninagar 799022, Tripura, India; [Karmakar, Gourab; Nahak, Prasant; Roy, Biplab; Guha, Pritam; Panda, Amiya Kumar] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W

					Bengal, India
Hemocompatible 3D Silver(I) Coordination Polymers: Synthesis, X-ray Structure, Photo-Catalytic and Antibacterial Activity	Kulovi, Somnath; Dalbera, Subrata; Dey, Surya Kanta; Maiti (Choudhury), Sujata; Puschmann, Horst; Zangrando, Ennio; Dalai, Sudipta	CHEMISTRYSELECT	2018	0	[Kulovi, Somnath; Dalbera, Subrata; Dalai, Sudipta] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Dey, Surya Kanta; Maiti (Choudhury), Sujata] Vidyasagar Univ, Dept Human Physiol Community Hlth, Midnapore 721102, W Bengal, India; [Puschmann, Horst] Univ Durham, Dept Chem, Durham DH1 3LE, England; [Zangrando, Ennio] Univ Trieste, Dept Chem & Pharmaceut Sci, I-34127 Trieste, Italy
Couette-Poiseuille flow based non-linear flow over a square cylinder near plane wall	Bhatt, Rajesh; Maiti, Dilip K.; Alam, Md. Mahbub; Rehman, S.	WIND AND STRUCTURES	2018	0	[Bhatt, Rajesh; Alam, Md. Mahbub] Harbin Inst Technol, Shenzhen Grad Sch, Inst Turbulence Noise Vibrat Interact & Control, Shenzhen, Peoples R China; [Maiti, Dilip K.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Rehman, S.] King Fahd Univ Petr & Minerals, Res Inst, Ctr Engn Res, Dhahran 31261, Saudi Arabia
Green logistics under imperfect production system: A Rough age based Multi-Objective Genetic Algorithm approach	De, Manoranjan; Das, Barun; Maiti, Manoranjan	COMPUTERS & INDUSTRIAL ENGINEERING	2018	0	[De, Manoranjan; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Das,

					Barun] Sidho Kanho Birsha Univ, Dept Math, Purulia, WB, India
Digital Labour and Karl Marx	Dutta, Bidyarthi	JOURNAL OF SCIENTOMETRIC RESEARCH	2018	0	[Dutta, Bidyarthi] Vidyasagar Univ Midnapore, Dept Lib & Informat Sci, Midnapore, W Bengal, India
Physicochemical Characterization of Chrysin-Derivative-Loaded Nanostructured Lipid Carriers with Special Reference to Anticancer Activity	Karmakar, Gourab; Nahak, Prasant; Chettri, Priyam; Roy, Biplab; Guha, Pritam; Tsuchiya, Koji; Torigoe, Kanjiro; Kumar, Anoop; Nath, Ranendu K.; Bhowmik, Sukhen; De, Utpal C.; Nag, Kaushik; Panda, Amiya K.	JOURNAL OF SURFACTANTS AND DETERGENTS	2018	0	[Karmakar, Gourab; Nahak, Prasant; Roy, Biplab; Guha, Pritam] Univ North Bengal, Dept Chem, Darjeeling 734013, W Bengal, India; [Chettri, Priyam; Kumar, Anoop] Univ North Bengal, Dept Biotechnol, Darjeeling 734013, W Bengal, India; [Tsuchiya, Koji; Torigoe, Kanjiro] Tokyo Univ Sci, Dept Pure & Appl Chem, 2641 Yamazaki, Noda, Tokyo 2788510, Japan; [Nath, Ranendu K.; Bhowmik, Sukhen; De, Utpal C.] Tripura Univ, Dept Chem, Agartala 799022, Tripura, India; [Nag, Kaushik] Mem Univ Newfoundland, Dept Biochem, St John, NF, Canada; [Panda, Amiya K.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
ANTIDIABETIC EFFECT OF n-HEXANE FRACTION OF HYDRO-METHANOLIC EXTRACT OF TAMARINDUSINDICA LINN. SEED IN STREPTOZOTOCIN-INDUCED DIABETIC RAT: A	Maiti, Rajkumar; De, Debasis; Ghosh, Debidas	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2018	0	[Maiti, Rajkumar] Bankura Christian Coll, Dept Physiol, Bankura 722101, W Bengal, India; [De, Debasis] Paramed Coll, Dept Med Lab Technol, Durgapur 713212, W Bengal, India; [Maiti,

CORRELATIVE APPROACH WITH IN VIVO AND IN VITRO ANTIOXIDANT ACTIVITIES					Rajkumar; De, Debasis; Ghosh, Debidas] Vidyasagar Univ, UGC Innovat Dept, Dept Biomed Lab Sci & Management, Midnapore 721102, W Bengal, India
EFFECT OF COUPLE STRESSES ON ELECTROKINETIC OSCILLATORY FLOW OF BLOOD IN THE MICROCIRCULATORY SYSTEM	Misra, J. C.; Chandra, S.	JOURNAL OF MECHANICS IN MEDICINE AND BIOLOGY	2018	0	[Misra, J. C.] Indian Inst Engrn Sci & Technol, Ctr Healthcare Sci & Technol, Sibpur 711103, Howrah, India; [Chandra, S.] Vidyasagar Univ, Sabang SK Mahavidyalaya, Dept Phys, Midnapore, India
Analysis of a harvested tritrophic food chain model in the presence of additional food for top predator	Panja, Prabir; Poria, Swarup; Mondal, Shyamal Kumar	INTERNATIONAL JOURNAL OF BIOMATHEMATICS	2018	0	[Panja, Prabir] Haldia Inst Technol, Dept Appl Sci, Haldia 721657, W Bengal, India; [Poria, Swarup] Univ Calcutta, Dept Appl Math, 92 APC Rd, Kolkata 700009, India; [Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
A Retrospective Study on Bacteria Causing Blood Stream Infection: Antibiotics Resistance and Management	Sarkar, S. K.; Bhattacharyya, A.; Paria, K.; Mandal, S. M.	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	2018	0	[Sarkar, S. K.] Sanjiban Hosp, Fuleswar 711316, Howrah, India; [Bhattacharyya, A.] TechnoIndia DAMA Hosp, Kolkata 700091, India; [Paria, K.] Vidyasagar Univ, Dept Zool, Midnapore 721101, India; [Mandal, S. M.] Indian Inst Technol Kharagpur, Cent Res Facil, Kharagpur 721302, W Bengal, India
CUBIC COMMUTATIVE IDEALS OF BCK-ALGEBRAS	Senapati, Tapan; Shum, K. P.	MISSOURI JOURNAL OF MATHEMATICAL	2018	0	[Senapati, Tapan] Vidyasagar Univ, Dept Appl

		SCIENCES			Math Oceanol & Comp Programming, Midnapore 721102, India; [Shum, K. P.] Yunnan Univ, Inst Math, Kunming 650091, Yunnan, Peoples R China
Enhanced photocatalytic activity of ternary CuInS ₂ nanocrystals synthesized from the combination of a binary Cu(I) S precursor and InCl ₃	Mondal, Gopinath; Santra, Ananyakumari; Jana, Sumanta; Pramanik, Nimai Chand; Mondal, Anup; Bera, Pulakesh	JOURNAL OF NANOPARTICLE RESEARCH	2018	0	[Mondal, Gopinath; Santra, Ananyakumari; Mondal, Anup; Bera, Pulakesh] Vidyasagar Univ, Panskura Banamali Coll, Post Grad Dept Chem, East Medinipur 721152, W Bengal, India; [Mondal, Gopinath; Mondal, Anup] IEST, Howrah 711103, W Bengal, India; [Jana, Sumanta] Univ Calcutta, Dept Chem, Kolkata 700073, W Bengal, India; [Pramanik, Nimai Chand] C MET, Trichur 680581, Kerala, India
Fabrication and characterization of Au/n-CdTe Schottky barrier under illumination and dark	Bera, Swades Ranjan; Saha, Satyajit	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	2018	0	[Bera, Swades Ranjan; Saha, Satyajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, W Bengal, India
Molecular signature pathway of gene protein interaction in human mitochondrial DNA (mtDNA) metabolism linked disease	Bhattacharya, Manojit; Senapati, Debabrata; Kar, Avijit; Malick, Ramesh Chandra; Patra, Bidhan Chandra; Das, Basanta Kumar	INDIAN JOURNAL OF MEDICAL SPECIALITIES	2018	0	[Bhattacharya, Manojit; Malick, Ramesh Chandra; Das, Basanta Kumar] Cent Inland Fisheries Res Inst, ICAR, Kolkata 700120, W Bengal, India; [Senapati, Debabrata; Kar, Avijit; Patra, Bidhan Chandra] Vidyasagar Univ, Dept Aquaculture Management & Technol, Ctr Aquaculture Res Extens & Livelihood, Midnapore 721102, W Bengal, India

RADIOLOGICAL IMPACT OF SOME COMMON FOODS OF SOUTHERN PART OF WEST BENGAL, INDIA	Das, Biswajit; Deb, Argha; Chowdhury, Saheli	RADIATION PROTECTION DOSIMETRY	2018	0	[Das, Biswajit] Vidyasagar Univ, Dept Phys & Technophys, Paschim 721102, Medinipur, India; [Das, Biswajit; Deb, Argha; Chowdhury, Saheli] Jadavpur Univ, Sch Studies Environm Radiat & Archaeol Sci, Kolkata 700032, India; [Deb, Argha; Chowdhury, Saheli] Jadavpur Univ, Dept Phys, Kolkata 700032, India
Role of PEG 2000 in the surface modification and physicochemical characteristics of pyrazinamide loaded nanostructured lipid carriers	Karmakar, Gourab; Nahak, Prasant; Guha, Pritam; Roy, Biplab; Nath, Ranendu Kumar; Panda, Amiya Kumar	JOURNAL OF CHEMICAL SCIENCES	2018	0	[Karmakar, Gourab; Nahak, Prasant; Guha, Pritam; Roy, Biplab] Univ North Bengal, Dept Chem, Darjeeling 734013, W Bengal, India; [Nath, Ranendu Kumar] Tripura Univ, Dept Chem, Suryamaninagar 799022, Tripura, India; [Panda, Amiya Kumar] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Mapping the distribution of iron ore minerals and spatial correlation with environmental variables in hilltop mining areas	Kayet, Narayan; Pathak, Khanindra; Chakrabarty, Abhisek; Sahoo, Satiprasad	ENVIRONMENTAL EARTH SCIENCES	2018	0	[Kayet, Narayan; Pathak, Khanindra] Indian Inst Technol, Dept Min Engr, Kharagpur, W Bengal, India; [Chakrabarty, Abhisek] Vidyasagar Univ, Dept Remote Sensing & GIS, Midnapore, India; [Sahoo, Satiprasad] Indian Inst Technol, Sch Water Resources, Kharagpur, W Bengal, India
Comparative evaluation of information value and frequency ratio in landslide	Mandal, Subhra Prakash; Chakrabarty,	SPATIAL INFORMATION RESEARCH	2018	0	[Mandal, Subhra Prakash; Chakrabarty, Abhisek; Maity, Pranab] Vidyasagar

susceptibility analysis along national highways of Sikkim Himalaya	Abhisek; Maity, Pranab				Univ, Dept Remote Sensing & GIS, Midnapore, India
Uncertain multi-item supply chain with two level trade credit under promotional cost sharing	Pakhira, Nilesh; Maiti, Manas Kumar; Maiti, Manoranjan	COMPUTERS & INDUSTRIAL ENGINEERING	2018	0	[Pakhira, Nilesh; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Maiti, Manas Kumar] Mahishadal Raj Coll, Dept Math, Purba Medinipur 721628, WB, India
MOBILE PHONES AND MOBILE TOWER RADIATION AND ITS ASSOCIATED HEALTH HAZARDS	Roy, M.	EVERYMANS SCIENCE	2018	0	[Roy, M.] Vidyasagar Univ, DDE, Core Fac, Environm Sci, Midnapore, WB, India
ASSESSING THE SOCIAL, ECOLOGICAL AND ECONOMIC IMPACT ON CONSERVATION ACTIVITIES WITHIN HUMAN-MODIFIED LANDSCAPES: A CASE STUDY IN JHARGRAM DISTRICT OF WEST BENGAL, INDIA	Sen, Uday Kumar	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	2018	0	[Sen, Uday Kumar] Vidyasagar Univ, Dept Bot & Forestry, Midnapore 721102, W Bengal, India
Role of Steric Hindrance in the Crystal Packing of Z ²⁺ =4 Superstructure of Trimethyltin Hydroxide	Dey, S.; Schoenleber, A.; Mondal, S.; Ali, S. I.; van Smaalen, S.	CRYSTAL GROWTH & DESIGN	2018	0	[Dey, S.; Schoenleber, A.; Mondal, S.; Ali, S. I.; van Smaalen, S.] Univ Bayreuth, Lab Crystallog, D-95440 Bayreuth, Germany; [Dey, S.] KAUST, Core Labs, Thuwal 239556900, Saudi Arabia; [Mondal, S.] Cent Glass & Ceram Res Inst, CSIR, Kolkata 700032, India; [Ali, S. I.] Vidyasagar Univ, Moyna Coll, Dept Chem, Anandapur 721629, India
Antigonadal and endocrine-	Ghosh, Rini;	TOXICOLOGY AND	2018	0	[Ghosh, Rini; Das, Tuhina;

disrupting activities of lambda cyhalothrin in female rats and its attenuation by taurine	Banerjee, Bhaswati; Das, Tuhina; Jana, Kuladip; Choudhury, Sujata Maiti	INDUSTRIAL HEALTH			Choudhury, Sujata Maiti] Vidyasagar Univ, Dept Human Physiol Community Hlth, Midnapore 721102, W Bengal, India; [Banerjee, Bhaswati; Jana, Kuladip] Bose Inst, Div Mol Med, Kolkata, India
Wake and suppression of flow-induced vibration of a circular cylinder	Kim, Sangil; Alam, Md Mahbub; Maiti, Dilip Kumar	OCEAN ENGINEERING	2018	0	[Kim, Sangil] Kangwon Natl Univ, Dept Mech Engr, Chunchon, South Korea; [Alam, Md Mahbub] Harbin Inst Technol, Inst Turbulence Noise Vibrat Interact & Control, Shenzhen Grad Sch, Shenzhen 518055, Peoples R China; [Maiti, Dilip Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, WB, India
Simultaneous Removal of Cd(II) and Pb(II) Using a Fungal Isolate, Aspergillus penicillioides (F12) from Subarnarekha Estuary	Paria, Kishalay; Mandal, Santi Mohan; Chakroborty, Susanta Kumar	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH	2018	0	[Paria, Kishalay; Chakroborty, Susanta Kumar] Vidyasagar Univ, Dept Zool, Medinipur 721102, W Bengal, India; [Mandal, Santi Mohan] Indian Inst Technol, Cent Res Facil, Kharagpur 721302, W Bengal, India
An appropriate business strategy for a sale item	Pramanik, Prasenjit; Maiti, Manas Kumar; Maiti, Manoranjan	OPSEARCH	2018	0	[Pramanik, Prasenjit; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Paschim Medinipur 721102, W Bengal, India; [Maiti, Manas Kumar] Mahishadal Raj Coll, Dept Math, Purba

					Medinipur 721628, W Bengal, India
Mobilization of phenolic antioxidants from grape, apple and pitahaya residues via solid state fungal fermentation and carbohydrase treatment	Zambrano, Carolina; Kotogan, Alexandra; Bencsik, Otto; Papp, Tamas; Vagvoelgyi, Csaba; Mondal, Keshab C.; Krisch, Judit; Tako, Miklos	LWT-FOOD SCIENCE AND TECHNOLOGY	2018	0	[Zambrano, Carolina; Kotogan, Alexandra; Bencsik, Otto; Papp, Tamas; Vagvoelgyi, Csaba; Tako, Miklos] Univ Szeged, Fac Sci & Informat, Dept Microbiol, Kozep Fasor 52, H-6726 Szeged, Hungary; [Papp, Tamas] Univ Szeged, MTA SZTE Lendulet Fungal Pathogen Mech Res Grp, Kozep Fasor 52, H-6726 Szeged, Hungary; [Mondal, Keshab C.] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India; [Krisch, Judit] Univ Szeged, Fac Engr, Inst Food Engr, Mars Ter 7, H-6724 Szeged, Hungary
Proton triggered emission and selective sensing of 2,4,6-trinitrophenol using a fluorescent hydrosol of 2-phenylquinoline	Maity, Samir; Shyamal, Milan; Das, Debasish; Maity, Ashim; Dey, Sudipto; Misra, Ajay	NEW JOURNAL OF CHEMISTRY	2018	0	[Maity, Samir; Shyamal, Milan; Das, Debasish; Maity, Ashim; Dey, Sudipto; Misra, Ajay] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, WB, India
A mathematical study of an imprecise SIR epidemic model with treatment control	Das, Anjana; Pal, M.	JOURNAL OF APPLIED MATHEMATICS AND COMPUTING	2018	0	[Das, Anjana; Pal, M.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721101, India
Quality and pricing decisions for substitutable items under imperfect production process over a random planning horizon	De, Manoranjan; Das, Barun; Maiti, Manoranjan	HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS	2018	0	[De, Manoranjan; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Das,

					Barun] Sidho Kanho Birsha Univ, Dept Math, Purulia, WB, India
INVENTORY MODEL WITH DEMAND AS TYPE-2 FUZZY NUMBER: A FUZZY DIFFERENTIAL EQUATION APPROACH	Debnath, B. K.; Majumder, P.; Bera, U. K.; Maiti, M.	IRANIAN JOURNAL OF FUZZY SYSTEMS	2018	0	[Debnath, B. K.; Majumder, P.; Bera, U. K.] Natl Inst Technol, Dept Math, Agartala 799046, India; [Maiti, M.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Nesting characteristics, floral resources, and foraging activity of <i>Trigona iridipennis</i> Smith in Bankura district of West Bengal, India	Layek, U.; Karmakar, P.	INSECTES SOCIAUX	2018	0	[Layek, U.; Karmakar, P.] Vidyasagar Univ, Dept Bot & Forestry, Midnapore 721102, India
Comparative evolutionary genomics of <i>Corynebacterium</i> with special reference to codon and amino acid usage diversities	Pal, Shilpee; Sarkar, Indrani; Roy, Ayan; Das Mohapatra, Pradeep K.; Mondal, Keshab C.; Sen, Arnab	GENETICA	2018	0	[Pal, Shilpee; Das Mohapatra, Pradeep K.; Mondal, Keshab C.] Vidyasagar Univ, Dept Microbiol, Bioinformat Infrastruct Facil, Midnapore 721102, India; [Sarkar, Indrani; Roy, Ayan; Sen, Arnab] Univ North Bengal, Dept Bot, Bioinformat Facil, Darjeeling 734013, India
Noncovalent interactions and electrical conductance study of copper(II) coordination complex derived from 2,6-pyridinedicarboxylic acid and aminopyrimidine ligands	Pathak, Sudipta; Chakraborty, Koushik; Ghosh, Surajit; Das, Sourav; Chatterjee, Sudipta; Samanta, Khokan; Konar, Saugata	JOURNAL OF THE INDIAN CHEMICAL SOCIETY	2018	0	[Pathak, Sudipta; Samanta, Khokan] Haldia Govt Coll, Dept Chem, Purba Medinipur 721657, W Bengal, India; [Chakraborty, Koushik; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, W Bengal, India; [Das, Sourav] IITRAM, Dept Chem, Ahmadabad 380026, Gujarat, India; [Chatterjee,

					Sudipta] Serampore Coll, Dept Chem, Hooghly 712201, W Bengal, India; [Konar, Saugata] Bhawanipur Educ Soc Coll, Dept Chem, Kolkata 700020, India
Studies on structure and antioxidant properties of a heteroglycan isolated from wild edible mushroom <i>Lentinus sajor-caju</i>	Pattanayak, Manabendra; Maity, Prasenjit; Samanta, Surajit; Sen, Ipsita K.; Manna, Dilip K.; Nandi, Ashis K.; Ghosh, Sandipta; Acharya, Krishnendu; Islam, Syed S.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2018	0	[Pattanayak, Manabendra; Maity, Prasenjit; Samanta, Surajit; Sen, Ipsita K.; Manna, Dilip K.; Nandi, Ashis K.; Islam, Syed S.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Ghosh, Sandipta; Acharya, Krishnendu] Univ Calcutta, Dept Bot, Mol & Appl Mycol & Plant Pathol Lab, 35 Ballygunge Circular Rd, Kolkata 700019, W Bengal, India
Nanofluid (H ₂ O-Al ₂ O ₃ /CuO) flow over a heated square cylinder near a wall under the incident of Couette flow	Sharma, Swati; Maiti, Dilip K.; Alam, Md. Mahbub; Sharma, Bhupendra K.	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	2018	0	[Sharma, Swati; Sharma, Bhupendra K.] Birla Inst Technol & Sci, Dept Math, Pilani 333031, RJ, India; [Maiti, Dilip K.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, WB, India; [Alam, Md. Mahbub] Harbin Inst Technol, Shenzhen Grad Sch, Inst Turbulence Noise Vibrat Interact & Control, Shenzhen, Peoples R China
Expression dynamics of miRNAs and their targets in seed germination	Das, Shabari Sarkar; Yadav, Sandeep; Singh,	SCIENTIFIC REPORTS	2018	0	[Das, Shabari Sarkar; Sanan- Mishra, Neeti] Int Ctr Genet Engn & Biotechnol, Plant

conditions reveals miRNA-ta-siRNA crosstalk as regulator of seed germination	Archita; Gautam, Vibhav; Sarkar, Ananda K.; Nandi, Asis K.; Karmakar, Prakash; Majee, Manoj; Sanan-Mishra, Neeti				RNAi Biol Grp, Arina Asaf Ali Marg, New Delhi 110067, India; [Yadav, Sandeep; Singh, Archita; Gautam, Vibhav; Sarkar, Ananda K.; Majee, Manoj] Natl Inst Plant Genome Res, Aruna Asaf Ali Marg, New Delhi 110067, India; [Nandi, Asis K.; Karmakar, Prakash] Vidyasagar Univ, Dept Bot & Forestry, Midnapore, W Bengal, India
Synthesis and crystal structure of new copper(II) metal complex: Noncovalent interactions and electrical conductance properties	Pathak, Sudipta; Chakraborty, Koushik; Ghosh, Surajit; Roy, Kunal; Jana, Barnali; Konar, Saugata	JOURNAL OF MOLECULAR STRUCTURE	2018	0	[Pathak, Sudipta; Jana, Barnali] Haldia Govt Coll, Dept Chem, Haldia 721657, Purba Medinipur, India; [Chakraborty, Koushik; Ghosh, Surajit] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, W Bengal, India; [Roy, Kunal] Serampore Coll, Dept Chem, Serampore 712201, Hooghly, India; [Konar, Saugata] Bhawanipur Educ Soc Coll, Dept Chem, Kolkata 700020, India
Surjective L(2,1)-labeling of cycles and circular-arc graphs	Amanathulla, Sk; Pal, Madhumangal	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2018	0	[Amanathulla, Sk; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, India
First in situ vesicular self-assembly of "binols" generated by a two-component aerobic oxidation reaction	Bag, Braja G.; Ghorai, Subrata; Panja, Saikat K.; Dinda, Shaishab K.; Paul, Koushik	RSC ADVANCES	2018	0	[Bag, Braja G.; Ghorai, Subrata; Panja, Saikat K.; Dinda, Shaishab K.; Paul, Koushik] Vidyasagar Univ, Dept Chem & Chem

					Technol, Midnapore 721102, WB, India
Human contribution to service quality in West Bengal's luxury hotels	Banerjee, Dipa; Biswas, Debasish	HUMAN SYSTEMS MANAGEMENT	2018	0	[Banerjee, Dipa; Biswas, Debasish] Vidyasagar Univ, Dept Business Adm, Midnapore, W Bengal, India
Tissue specific expression and in-silico characterization of a putative cysteine synthase gene from Lathyrus sativus L	Chakraborty, Saikat; Mitra, Joy; Samanta, Milan Kumar; Sikdar, Narattam; Bhattacharyya, Jagannath; Manna, Anulina; Pradhan, Subrata; Chakraborty, Anirban; Pati, Bikas Ranjan	GENE EXPRESSION PATTERNS	2018	0	[Chakraborty, Saikat; Mitra, Joy; Samanta, Milan Kumar; Sikdar, Narattam; Bhattacharyya, Jagannath; Manna, Anulina; Pradhan, Subrata; Chakraborty, Anirban] Indian Inst Technol, Adv Lab Plant Genet Engr, Kharagpur 721302, W Bengal, India; [Chakraborty, Saikat; Sikdar, Narattam; Pati, Bikas Ranjan] Vidyasagar Univ, Dept Microbiol, Midnapore 721102, W Bengal, India
Lower Order and Higher Order Entanglement in Four-Wave Mixing Process	Das, Moumita; Sen, Biswajit; Ray, Ayan; Pathak, Anirban	ANNALEN DER PHYSIK	2018	0	[Das, Moumita] Siliguri Coll, Dept Phys, Siliguri 734001, India; [Sen, Biswajit] Vidyasagar Teachers Training Coll, Dept Phys, Midnapore 721101, India; [Ray, Ayan] Variable Energy Cyclotron Ctr, Radiact Ion Beam Facility Grp, 1-AF, Kolkata 700064, India; [Pathak, Anirban] Jaypee Inst Informat Technol, A 10, Sect 62, Noida 201307, UP, India
A theoretical study on the temperature-dependent RF performance of a SiC MESFET	Dutta, Sutanu	INTERNATIONAL JOURNAL OF ELECTRONICS	2018	0	[Dutta, Sutanu] Vidyasagar Univ, Dept Elect, Midnapore 721102, India; [Dutta, Sutanu] Univ Calcutta, Dept Elect Sci, Kolkata, India

Antioxidant and Anticancer Roles of a Novel Strain of Bacillus anthracis Isolated from Vermicompost Prepared from Paper Mill Sludge	Ganguly, Ram Kumar; Midya, Sujoy; Chakraborty, Susanta Kumar	BIOMED RESEARCH INTERNATIONAL	2018	0	[Ganguly, Ram Kumar; Midya, Sujoy; Chakraborty, Susanta Kumar] Vidyasagar Univ, Dept Zool, Midnapore 721102, W Bengal, India
G.GHORAI, M.PAL: APPLICATIONS OF BIPOLAR FUZZY SETS IN INTERVAL GRAPHS	Ghorai, G.; Pal, M.	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS	2018	0	[Ghorai, G.; Pal, M.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Accurate Formula to Determine Resonant Frequency of Double Sided Printed Dipole Antenna	Ghosh, R. P.; Patra, K.; Gupta, B.; Chowdhury, S. K.	IETE JOURNAL OF RESEARCH	2018	0	[Ghosh, R. P.] Vidyasagar Univ, Dept Elect Sci, Midnapore, India; [Patra, K.; Gupta, B.; Chowdhury, S. K.] Jadavpur Univ, Dept Elect & Commun Engn, Kolkata, India
Accountability, Democratisation and the Right to Information in India	Ghosh, Sujay	ASIAN STUDIES REVIEW	2018	0	[Ghosh, Sujay] Vidyasagar Univ, Polit Sci, Midnapore, W Bengal, India
Prevalence of Panton-Valentine Leukocidin Gene among Community Acquired Staphylococcus aureus: A Real-Time PCR Study	Karmakar, Amit; Jana, Debarati; Dutta, Kunal; Dua, Parimal; Ghosh, Chandradipa	JOURNAL OF PATHOGENS	2018	0	[Karmakar, Amit; Jana, Debarati; Dutta, Kunal; Dua, Parimal; Ghosh, Chandradipa] Vidyasagar Univ, Dept Human Physiol Community Hlth, Microbiol Lab, Paschim Medinipur 721102, W Bengal, India
Pollen analysis of Apis dorsata Fabricius honeys in Bankura and Paschim Medinipur districts, West Bengal	Layek, Ujjwal; Karmakar, Prakash	GRANA	2018	0	[Layek, Ujjwal; Karmakar, Prakash] Vidyasagar Univ, Dept Bot & Forestry, Midnapore 721102, India
Synthesis and characterization of biogenic metal nanoparticles and its cytotoxicity and anti-neoplasticity through the induction of oxidative	Maity, Pralay; Bepari, Madhubanti; Pradhan, Ananya; Baral, Rathindranath;	COLLOIDS AND SURFACES B- BIOINTERFACES	2018	0	[Maity, Pralay; Bepari, Madhubanti; Pradhan, Ananya; Choudhury, Sujata Maiti] Vidyasagar Univ, Dept Human Physiol Community Hlth, Midnapore 721102, W

stress, mitochondrial dysfunction and apoptosis	Roy, Sumita; Choudhury, Sujata Maiti				Bengal, India; [Baral, Rathindranath] CNCI, Dept Immunoregulat & Immunodiagnost, 37 SP Mukherjee Rd, Kolkata 700026, W Bengal, India; [Roy, Sumita] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Computation of global reactivity descriptors and first hyper polarisability as a function of torsional angle of donor-acceptor substituted biphenyl ring system	Mandal, Debkumar; Maity, Rakesh; Beg, Hasibul; Salgado-Moran, Guillermo; Misra, Ajay	MOLECULAR PHYSICS	2018	0	[Mandal, Debkumar; Maity, Rakesh; Beg, Hasibul; Misra, Ajay] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore, India; [Salgado-Moran, Guillermo] Univ Andres Bello, Fac Ciencias Exactas, Dept Ciencias Qum, Concepcion, Chile
Two layers supply chain in an imperfect production inventory model with two storage facilities under reliability consideration	Manna, Amalesh Kumar; Dey, Jayanta Kumar; Mondal, Shyamal Kumar	JOURNAL OF INDUSTRIAL AND PRODUCTION ENGINEERING	2018	0	[Manna, Amalesh Kumar; Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, India; [Dey, Jayanta Kumar] Mahishadal Raj Coll, Dept Math, Mahishadal, India
A study on bipolar fuzzy planar graph and its application in image shrinking	Pramanik, Tarasankar; Pal, Madhumangal; Mondal, Sukumar; Samanta, Sovan	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2018	0	[Pramanik, Tarasankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Mondal, Sukumar] Raja NL Khan Womens Coll, Dept Math, Midnapore, India; [Samanta, Sovan] Tamralipta Mahavidyalaya, Dept Math, Tamluk, India
Fuzzy permutation graph	Raut, Sreenanda;	JOURNAL OF	2018	0	[Raut, Sreenanda; Pal,

and its complements	Pal, Madhumangal; Ghorai, Ganesh	INTELLIGENT & FUZZY SYSTEMS			Madhumangal; Ghorai, Ganesh] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, India
New approach for solving intuitionistic fuzzy multi-objective transportation problem	Roy, Sankar Kumar; Ebrahimnejad, Ali; Luis Verdegay, Jose; Das, Sukumar	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	2018	0	[Roy, Sankar Kumar; Das, Sukumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Ebrahimnejad, Ali] Islamic Azad Univ, Qaemshahr Branch, Dept Math, Qaemshahr 4765161964, Iran; [Luis Verdegay, Jose] Univ Granada, Dept Comp Sci & Artificial Intelligence, E-18014 Granada, Spain
Two new analog multipliers/dividers employing single current differencing buffer amplifier	Roy, Suvajit; Paul, Tapas Kumar; Maiti, Saikat; Pal, Radha Raman	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2018	0	[Roy, Suvajit; Paul, Tapas Kumar; Pal, Radha Raman] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, W Bengal, India; [Maiti, Saikat] Netaji Subhash Engrn Coll, Dept Basic Engrn Sci, Kolkata 700152, W Bengal, India
Interval valued EOQ model with two types of defective items	Ruidas, Subhendu; Seikh, Mijanur Rahaman; Nayak, Prasun Kumar; Pal, Madhumangal	JOURNAL OF STATISTICS & MANAGEMENT SYSTEMS	2018	0	[Ruidas, Subhendu] Sonamukhi Coll, Dept Math, Bankura 722207, W Bengal, India; [Seikh, Mijanur Rahaman] Kazi Nazrul Univ, Dept Math, Asansol 713340, W Bengal, India; [Nayak, Prasun Kumar] Midnapore Coll Autonomous, Dept Math, Midnapore 721101, W Bengal, India; [Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math

					Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
INTUITIONISTIC FUZZY LABELING GRAPHS	Sahoo, S.; Pal, M.	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS	2018	0	[Sahoo, S.; Pal, M.] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Analysis of Investment Behaviour of Individual Investors of Stock Market: A Study in Selected Districts of West Bengal	Sarkar, Arup Kumar; Sahu, Tarak Nath	PACIFIC BUSINESS REVIEW INTERNATIONAL	2018	0	[Sarkar, Arup Kumar] Sidho Kanho Birsha Univ, Dept Commerce, Purulia, W Bengal, India; [Sahu, Tarak Nath] Vidyasagar Univ, Dept Commerce Farm Management, Midnapore, W Bengal, India
Nodes in fuzzy block with application	Sumathi, R.; Sujatha, R.; Sundareswaran, R.; Sahoo, Sankar; Pal, Madhumangal; Pal, Anita	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2018	0	[Sumathi, R.] Bharathiar Univ, Prince Shri Venkateshwara Padmavathy Engn Coll, Madras, Tamil Nadu, India; [Sujatha, R.; Sundareswaran, R.] SSN Coll Engn, Dept Math, Old Mahabalipuram Rd, Madras, Tamil Nadu, India; [Sahoo, Sankar; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, India; [Pal, Anita] Natl Inst Technol Durgapur, Dept Math, Durgapur, India
HYPO: A Database of Human Hypothetical Proteins	Sundararajan, Vijayaraghava S.; Malik, Girik; Ijaq, Johnny; Kumar, Anuj; Das, Partha Sarathi; Shidhi, P. R.; Nair, Achuthsankar S.;	PROTEIN AND PEPTIDE LETTERS	2018	0	[Sundararajan, Vijayaraghava S.; Ijaq, Johnny; Kumar, Anuj; Das, Partha Sarathi; Suravajhala, Prashanth] Bioclues Org, Hyderabad 500072, India; [Sundararajan, Vijayaraghava S.] Natl

	Dhar, Pawan K.; Suravajhala, Prashanth				<p>Environm Agcy, Environm Hlth Inst, 11 Bio Polis Way,04-03-04 Helios Block, Singapore, Singapore; [Malik, Girik] Ohio State Univ, Dept Pediat, Nationwide Childrens Hosp, Battelle Ctr Math Med,Res Inst, Columbus, OH 43210 USA; [Ijaq, Johnny] Osmania Univ, Dept Biotechnol, Hyderabad 50007, India; [Kumar, Anuj] UCB, Silk Pk, Dehra Dun 248007, Uttar Pradesh, India; [Das, Partha Sarathi] Vidyasagar Univ, Dept Microbiol, Bioinformat Infrastruct Facil, Midnapore 721102, W Bengal, India; [Shidhi, P. R.; Nair, Achuthsankar S.] Univ Kerala, Dept Computat Biol & Bioinformat, Thiruvananthapuram 695581, Keralam, India; [Dhar, Pawan K.] Jawaharlal Nehru Univ, Sch Biotechnol, New Delhi 110067, India; [Suravajhala, Prashanth] Birla Inst Sci Res, Dept Biotechnol & Bioinformat, Jaipur 302001, Rajasthan, India</p>
Application of molecular markers in plant genome analysis: a review	Adhikari, Sinchan; Saha, Soumen; Biswas, Arijit; Rana, T. S.; Bandyopadhyay, Tapas Kumar; Ghosh,	NUCLEUS-INDIA	2017	0	[Adhikari, Sinchan; Saha, Soumen; Ghosh, Parthadeb] Univ Kalyani, Dept Bot, Cytogenet & Plant Breeding Sect, Plant Biotechnol Res Unit, Nadia 741235, W Bengal, India; [Saha,

	Parthadeb				Soumen] Raiganj Univ, Dept Sericulture, Cytogenet & Plant Breeding Sect, Uttar Dinajpur 733134, W Bengal, India; [Biswas, Arijit] Vidyasagar Univ, Dept Biotechnol, Medinipur 721102, W Bengal, India; [Rana, T. S.] Natl Bot Res Inst, CSIR, Mol Systemat Plant Biodivers & Conservat Biol Div, Rana Pratap Marg, Lucknow 226001, Uttar Pradesh, India; [Bandyopadhyay, Tapas Kumar] Univ Kalyani, Dept Mol Biol & Biotechnol, Nadia 741235, W Bengal, India
Soft congruence relation over lattice	Bera, Susanta; Roy, Sankar Kumar; Karaaslan, Faruk; Cagman, Naim	HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS	2017	0	[Bera, Susanta; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math, Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Karaaslan, Faruk] Cankiri Karatekin Univ, Dept Math, TR-18100 Cankiri, Turkey; [Cagman, Naim] Univ Gaziosmanpasa, Dept Math, TR-60100 Tokat, Turkey
From Surveys to Management: The Early Colonial State's Intervention in Water Resources of Bengal	Bhattacharya, Ujjayan	INDIAN HISTORICAL REVIEW	2017	0	[Bhattacharya, Ujjayan] Vidyasagar Univ, Midnapore, W Bengal, India
Slip Flow of Nanofluid Past a Vertical Plate with Ramped Wall Temperature Considering Thermal	Das, S.; Sensharma, A.; Jana, R. N.; Sharma, R. P.	JOURNAL OF NANOFLLUIDS	2017	0	[Das, S.] Univ Gour Banga, Dept Math, Malda 732103, India; [Sensharma, A.] Univ Gour Banga, Dept Phys,

Radiation					Malda 732103, India; [Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India; [Sharma, R. P.] JECRC Univ, Dept Math, Jaipur 303905, Rajasthan, India
Generalized Intuitionistic Fuzzy Ideals of $\&ITBCK/BCI\&IT$ -algebras Based on 3-valued Logic and Its Computational Study	Jana, Chiranjibe; Pal, Madhumangal	FUZZY INFORMATION AND ENGINEERING	2017	0	[Jana, Chiranjibe] Vidyasagar Univ, Dept Appl Math, Oceanol & Comp Programming, Midnapore 721102, India; [Pal, Madhumangal] Oceanol & Comp Programming, Dept Appl Math, Midnapore 721102, India
PHYTOCHEMICAL ANALYSIS AND DPPH ANTIOXIDANT ACTIVITY OF TWO TRADITIONALLY USED PLANTS OCCURRING AT PURULIA DISTRICT OF WEST BENGAL, INDIA	Mahato, G.; Banerjee, N.	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2017	0	[Mahato, G.] AM Coll, Dept Bot, Purulia 723202, W Bengal, India; [Banerjee, N.] Vidyasagar Univ, Dept Bot, Midnapore 721102, W Bengal, India
Solving fuzzy transportation problem using multi-choice goal programming	Maity, Gurupada; Roy, Sankar Kumar	DISCRETE MATHEMATICS ALGORITHMS AND APPLICATIONS	2017	0	[Maity, Gurupada; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
Physicochemical Investigation on the Pulmonary Surfactant of Some Vertebrates	Mukherjee, Suvasree; Prestidge, Clive A.; Orgeig, Sandra; Panda, Amiya Kumar; Moulik, Satya Priya	JOURNAL OF SURFACE SCIENCE AND TECHNOLOGY	2017	0	[Mukherjee, Suvasree; Moulik, Satya Priya] Jadavpur Univ, Dept Chem, Cte Surface Sci, Kolkata 700032, W Bengal, India; [Prestidge, Clive A.; Orgeig, Sandra] Univ South Australia, Sansom Inst Hlth Res, Adelaide, SA 5000, Australia; [Prestidge, Clive A.; Orgeig, Sandra] Univ

					South Australia, Sch Pharm & Med Sci, Adelaide, SA 5000, Australia; [Panda, Amiya Kumar] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India
Composition, Structure and Biophysical Functions of Pulmonary Surfactants: Their Deficiency and Strategy for Remedy	Mukherjee, Suvasree; Panda, Amiya Kumar; Moulik, Satya Priya	PROCEEDINGS OF THE INDIAN NATIONAL SCIENCE ACADEMY	2017	0	[Mukherjee, Suvasree; Moulik, Satya Priya] Jadavpur Univ, Ctr Surface Sci, Dept Chem, Kolkata 700032, WB, India; [Panda, Amiya Kumar] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, WB, India
BIOPHOTONICS FOR BIOFUEL UPGRADATION	Rana, Gopinath; Mandal, Tanusri	MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING	2017	0	[Rana, Gopinath] Biochem & R&D Associate Venkatesh Nat Extract Pvt, Chhindwara, Madhya Pradesh, India; [Mandal, Tanusri] Vidyasagar Univ, Dept Biotechnol, Bioconvers Lab, Medinipur, W Bengal, India
Global Governance and Democracy: A Multidisciplinary Analysis	Ghosh, Sujay	POLITICAL STUDIES REVIEW	2017	0	[Ghosh, Sujay] Vidyasagar Univ, Midnapore, India
ON (is an element of(α), is an element of(α), $V_q(\beta)$)-FUZZY SOFT BCI-ALGEBRAS	Jana, Chiranjibe; Pal, Madhumangal	MISSOURI JOURNAL OF MATHEMATICAL SCIENCES	2017	0	[Jana, Chiranjibe; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India
Effects on prey-predator with different functional responses	Roy, Banani; Roy, Sankar Kumar; Biswas, M. H. A.	INTERNATIONAL JOURNAL OF BIOMATHEMATICS	2017	0	[Roy, Banani; Roy, Sankar Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Biswas, M. H.

					A.] Khulna Univ, Sci Engn & Technol Sch, Math Discipline, Khulna 9208, Bangladesh
Impact of parasitic resistances on the electrical characteristics of a SiC MESFET	Dutta, Sutanu	SUPERLATTICES AND MICROSTRUCTURES	2017	0	[Dutta, Sutanu] Vidyasagar Univ, Dept Elect, Midnapore 721102, W Bengal, India; [Dutta, Sutanu] Univ Calcutta, Dept Elect Sci, 92 APC Rd, Kolkata 700009, India
Freshwater fish resource mapping and conservation strategies of West Bengal, India	Patra, Bidhan Chandra; Kar, Avijit; Bhattacharya, Manojit; Parua, Srikanta; Shit, Pravat Kumar	SPATIAL INFORMATION RESEARCH	2017	0	[Patra, Bidhan Chandra; Kar, Avijit; Bhattacharya, Manojit; Parua, Srikanta] Vidyasagar Univ, Dept Aquaculture Management & Technol, Ctr Aquaculture Res Extens & Livelihood, Midnapore 721102, W Bengal, India; [Shit, Pravat Kumar] Vidyasagar Univ, Raja NL Khan Womens Coll, Dept Geog, Midnapore 721102, W Bengal, India
Attenuation of the cyproterone acetate-induced testicular hypofunction by a novel nutraceutical lycopene: a genomic approach	Tripathy, A.; Ghosh, A.; Dey, A.; Pakhira, B. P.; Ghosh, D.	ANDROLOGIA	2017	0	[Tripathy, A.; Ghosh, A.; Dey, A.; Pakhira, B. P.; Ghosh, D.] Vidyasagar Univ, Dept Biomed Lab Sci & Management, Mol Med & Nutrigen Res Lab, Midnapore, W Bengal, India
HALL EFFECTS ON UNSTEADY MHD REACTIVE FLOW THROUGH A POROUS CHANNEL WITH CONVECTIVE HEATING AT THE ARRHENIUS REACTION RATE	Das, S.; Patra, R. R.; Jana, R. N.; Makinde, O. D.	JOURNAL OF ENGINEERING PHYSICS AND THERMOPHYSICS	2017	0	[Das, S.] Univ Gour Banga, Dept Math, Malda 732103, India; [Patra, R. R.; Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India; [Makinde, O. D.] Stellenbosch Univ, Fac Mil Sci, Private Bag X2, ZA-7395 Saldanha, South Africa

Paul Otlet: A Visionary to Unify Global Knowledge	Dutta, Bidyarthi	JOURNAL OF SCIENTOMETRIC RESEARCH	2017	0	[Dutta, Bidyarthi] Vidyasagar Univ, Dept Lib & Informat Sci, Midnapore, W Bengal, India
Some special fixed charge solid transportation problems of substitute and breakable items in crisp and fuzzy environments	Halder (Jana), Sharmistha; Das, Barun; Panigrahi, Goutam; Maiti, Manoranjan	COMPUTERS & INDUSTRIAL ENGINEERING	2017	0	[Halder (Jana), Sharmistha] Midnapore Coll Autonomous, Dept Math, Midnapore 721101, W Bengal, India; [Das, Barun] Sidho Kanho Birsha Univ, Dept Math, Purulia 723104, W Bengal, India; [Panigrahi, Goutam] Natl Inst Technol, Dept Math, Durgapur 713209, W Bengal, India; [Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
TRADITIONAL PHYTOTHERAPEUTIC USES IN PURBA MEDINIPUR, WEST BENGAL, INDIA	Patra, Arjun; Mondal, Amal Kumar; Banerjee, Debdulal	INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH	2017	0	[Patra, Arjun] Prabhat Kumar Coll, Dept Bot, Contai 721401, W Bengal, India; [Mondal, Amal Kumar] Vidyasagar Univ, UGC DRS SAP Dept, Dept Bot & Forestry, Plant Taxon Biosyst & Mol Taxon Lab, Midnapore 721102, W Bengal, India; [Banerjee, Debdulal] Vidyasagar Univ, UGC DRS SAP Dept, Dept Bot & Forestry, Microbiol & Microbial Biotechnol Lab, Midnapore 721102, W Bengal, India
Bed roughness and grain sorting- an experimental study over fine to medium sand beds	Purkait, Barendra; Das Majumdar, Dipanjan;	INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH	2017	0	[Purkait, Barendra] Indian Stat Inst, Geol Studies Unit, 203,BT Rd, Kolkata 700035, India; [Das Majumdar,

	Mazumder, Rajat				Dipanjn] Vidyasagar Univ, Dept Remote Sensing, Midnapore 721102, W Bengal, India; [Das Majumdar, Dipanjn] Vidyasagar Univ, GIS, Midnapore 721102, W Bengal, India; [Mazumder, Rajat] Univ New South Wales, Sch Biol Earth & Environm Sci, Sydney, NSW 2052, Australia; [Purkait, Barendra] Univ Calcutta, Dept Geol, 35,Ballygunge Circular Rd, Kolkata 700019, India; [Mazumder, Rajat] Curtin Univ Malaysia, Dept Appl Geol, Fac Engn & Sci, Miri 98009, Malaysia
Pollinators Unknown: People's Perception of Native Bees in an Agrarian District of West Bengal, India, and Its Implication in Conservation	Bhattacharyya, Manjishtha; Acharya, Sankar K. R.; Chakraborty, Susanta K.	TROPICAL CONSERVATION SCIENCE	2017	0	[Bhattacharyya, Manjishtha; Chakraborty, Susanta K.] Vidyasagar Univ, Dept Zool, Midnapore 721102, W Bengal, India; [Acharya, Sankar K. R.] Bidhan Chandra Krishi Viswavidyalaya, Dept Agr Extens, Nadia, W Bengal, India
The role of Dermcidin isoform-2 in the occurrence and severity of Diabetes	Bhattacharya, Suman; Khan, Md. Mobidullah; Ghosh, Chandradipa; Bank, Sarbashri; Maiti, Smarajit	SCIENTIFIC REPORTS	2017	0	[Bhattacharya, Suman; Bank, Sarbashri] Sinha Inst Med Sci & Technol, Kolkata, W Bengal, India; [Bhattacharya, Suman; Khan, Md. Mobidullah; Bank, Sarbashri; Maiti, Smarajit] Oriental Inst Sci & Technol, PG Dept Biochem, Cell & Mol Therapeut Lab, Midnapore, W Bengal, India;

					[Ghosh, Chandradipa] Vidyasagar Univ, Dept Human Physiol Community Hlth, Midnapore, W Bengal, India
Factual open cloze question generation for assessment of learner's knowledge	Das, Bidyut; Majumder, Mukta	INTERNATIONAL JOURNAL OF EDUCATIONAL TECHNOLOGY IN HIGHER EDUCATION	2017	0	[Das, Bidyut] Haldia Inst Technol, Dept Informat Technol, Haldia 721657, W Bengal, India; [Majumder, Mukta] Vidyasagar Univ Midnapore, Dept Comp Ctr, Medinipur 721102, W Bengal, India
Stability of Nanofluid Flow Through a Vertical Channel with Wall Thermal Conductance and Radiation	Das, S.; Sensharma, A.; Jana, R. N.; Sharma, R. P.	JOURNAL OF NANOFLUIDS	2017	0	[Das, S.] Univ Gour Banga, Dept Math, Malda 732103, India; [Sensharma, A.] Univ Gour Banga, Dept Phys, Malda 732103, India; [Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India; [Sharma, R. P.] JECRC Univ, Dept Math, Jaipur 303905, Rajasthan, India
Second-Order Slip Flow of Magneto-Nanofluids Along a Stretching Cylinder with Prescribed Heat Flux	Das, S.; Sensharma, A.; Jana, R. N.; Makinde, O. D.	JOURNAL OF NANOFLUIDS	2017	0	[Das, S.] Univ Gour Banga, Dept Math, Malda 732103, India; [Sensharma, A.] Univ Gour Banga, Dept Phys, Malda 732103, India; [Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India; [Makinde, O. D.] Stellenbosch Univ, Fac Mil Sci, Private Bag X2, ZA- 7395 Saldanha, South Africa
Synthesis of a Naturally Occurring Plant Alkaloid Berberine Analogue and Its Application in Nanomolar Selective Detection of	Jana, Gopal C.; Nayim, Sk; Khatun, Munira; Das, Somnath; Patra, Anirudha;	CHEMISTRYSELECT	2017	0	[Jana, Gopal C.; Nayim, Sk; Khatun, Munira; Das, Somnath; Patra, Anirudha; Sahoo, Nandan K.; Hossain, Maidul] Vidyasagar Univ,

Hydrazine in Free and DNA-Binding Situation	Sahoo, Nandan K.; Jha, Pradeep K.; Mandal, Samir; Chaudhuri, Keya; Hossain, Maidul				Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Jha, Pradeep K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur 721302, W Bengal, India; [Mandal, Samir; Chaudhuri, Keya] Indian Inst Chem Biol, Mol & Human Genet Div, Kolkata 700032, W Bengal, India
FABRICATION AND CHARACTERIZATION OF Al/n-CdSe SCHOTTKY BARRIER UNDER DIFFERENT ANNEALING TEMPERATURES	Manna, A.; Saha, S.; Saha, S. C.	CHALCOGENIDE LETTERS	2017	0	[Manna, A.; Saha, S. C.] Vidyasagar Univ, Dept Elect, Paschim Midnapur 721102, W Bengal, India; [Saha, S.] Vidyasagar Univ, Dept Phys & Technophys, Paschim Midnapur 721102, W Bengal, India
SLIP FLOW AND RADIATIVE HEAT TRANSFER ON A CONVECTIVELY HEATED VERTICAL CYLINDER	Das, S.; Jana, R. N.; Makinde, O. D.	JOURNAL OF ENGINEERING PHYSICS AND THERMOPHYSICS	2017	0	[Das, S.] Univ Gour Banga, Dept Math, Malda 732103, India; [Jana, R. N.] Vidyasagar Univ, Dept Appl Math, Midnapore 721102, India; [Makinde, O. D.] Stellenbosch Univ, Fac Mil Sci, Private Bag X2, ZA-7395 Saldanha, South Africa
Reading Marx in the Information Age: A Media and Communication Studies Perspective on Capital, vol 1	Dutta, Bidyarthi	JOURNAL OF SCIENTOMETRIC RESEARCH	2017	0	[Dutta, Bidyarthi] Vidyasagar Univ, Dept Lib & Informat Sci, Midnapore, W Bengal, India
Divided We Govern: The Paradoxes of Power in Contemporary Indian Democracy	Ghosh, Sujay	POLITICAL STUDIES REVIEW	2017	0	[Ghosh, Sujay] Vidyasagar Univ, Midnapore, W Bengal, India
Air temperature variability and trend analysis by non-parametric test for Kolkata observatory, West Bengal,	Khan, Ansar; Chatterjee, Soumendu; Bisai, Dipak	INDIAN JOURNAL OF GEO-MARINE SCIENCES	2017	0	[Khan, Ansar] Vidyasagar Univ, Dept Geog & Environm Management, Midnapore 721102, India;

India					[Chatterjee, Soumendu] Presidency Univ, Dept Geog, Kolkata 700073, India; [Bisai, Dipak] Egra SSB Coll, Dept Geog, Egra 721429, India
Study Of Soil And Vegetation Characteristics In The Lower Gangetic Plains Of West Bengal	Roy, Rimi; Maity, Mousumi; Manna, Sumit	RESEARCH JOURNAL OF PHARMACEUTICAL BIOLOGICAL AND CHEMICAL SCIENCES	2017	0	[Roy, Rimi] Jagannath Kishore Coll, Dept Bot, Purulia 723101, W Bengal, India; [Maity, Mousumi] Scottish Church Coll, Dept Bot, Kolkata 700006, W Bengal, India; [Manna, Sumit] Vidyasagar Univ, Dept Bot, Moyna Coll, Purba Medinipur 721629, W Bengal, India
A mathematical model for the 3-D dynamics of lee wave across a meso-scale mountain corner	Das, Prasanta; Dutta, Somenath; Mondal, Shyamal Kumar	MAUSAM	2017	0	[Das, Prasanta] Ramananda Coll, Dept Math, Bankura, WB, India; [Dutta, Somenath] Indian Meteorol Dept, Pune 411005, Maharashtra, India; [Mondal, Shyamal Kumar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, W Bengal, India
Comment on: A Prospective Evaluation of an Outpatient Assessment of Postural Instability to Predict Risk of Falls in Patients with Parkinson's Disease Presenting for Deep Brain Stimulation	Bhattacharjee, Shakya; Bhattacharya, Atrayee	MOVEMENT DISORDERS CLINICAL PRACTICE	2017	0	[Bhattacharjee, Shakya] Plymouth Hosp Natl Hlth Serv Trust, Neurol, Plymouth, Devon, England; [Bhattacharya, Atrayee] Vidyasagar Univ, Appl Math, Kolkata, W Bengal, India
First report of Megodontolaimus coxbazari Timm, 1969 (Nematoda: Chromadorida) from the	Datta, Tridip Kumar; De Jesus Navarrete, Alberto;	MARINE BIODIVERSITY	2017	0	[Datta, Tridip Kumar; Mohapatra, Anil] Zool Survey India, Marine Aquarium & Reg Ctr, Digha,

Indian coast	Chakraborty, Susanta Kumar; Mohapatra, Anil				W Bengal, India; [De Jesus Navarrete, Alberto] ECOSUR, Dept Systemat & Aquat Ecol, Chetmal, Mexico; [Chakraborty, Susanta Kumar] Vidyasagar Univ, Dept Zool, Midnapore, W Bengal, India
THEORETICAL INVESTIGATION OF THE MOLECULAR STRUCTURE AND SPECTROSCOPIC PROPERTIES OF OXICAMS	Pacheco, A. G.; Salgado-Moran, G.; Gerli-Candia, L.; Ramirez-Tagle, R.; Glossman-Mitnik, D.; Misra, A.; de Carvalho Alcantara, A. F.	JOURNAL OF STRUCTURAL CHEMISTRY	2017	0	[Pacheco, A. G.] Inst Fed Educ Ciencia & Tecnol Sul Minas Gerais, Inconfidentes, Brazil; [Salgado-Moran, G.] Univ Andres Bello, Fac Ciencias Exactas, Dept Ciencias, Concepcion, Chile; [Gerli-Candia, L.] Univ Catolica Santisima Concepcion, Fac Ciencias, Dept Quim Ambiental, Concepcion, Chile; [Ramirez-Tagle, R.] Univ Bernardo OHiggins, Fac Ingn Ciencia & Tecnol, Santiago, Chile; [Glossman-Mitnik, D.] Ctr Invest Mat Avanzados, Lab Virtual NANOCOSMOS, Chihuahua, Mexico; [Misra, A.] Vidyasagar Univ, Midnapore, India; [de Carvalho Alcantara, A. F.] Univ Fed Minas Gerais, Belo Horizonte, MG, Brazil
Characterization of magnetic phase in yttrium-doped polycrystalline La _{1-x} -yYyCa _x MnO ₃ with x=0.05, 0.33 and y=0.07 using dielectric and optical parameters	Ghosh, T. N.; Nandi, U. N.; Jana, D.; Paramanik, Tapas	PHYSICA B-CONDENSED MATTER	2017	0	[Ghosh, T. N.] Vidyasagar Univ, Dept Elect, Midnapore 721102, W Bengal, India; [Nandi, U. N.] Scottish Church Coll, Dept Phys, 1 & 3 Urquhart Sq, Kolkata 700006, India; [Jana, D.] Univ Calcutta, Dept Phys, 92

					APC Rd, Kolkata 700009, India; [Paramanik, Tapas] SN Bose Natl Ctr Basic Sci, Dept Condensed Matter Phys & Mat Sci, Block JD, Sect 3, Kolkata 700106, India
CITIZEN SCIENCE CAN BENEFIT NATIVE BEES	Bhattacharyya, Manjishtha; Chakraborty, Susanta Kumar	EVERYMANS SCIENCE	2017	0	[Bhattacharyya, Manjishtha; Chakraborty, Susanta Kumar] Vidyasagar Univ, Dept Zool, Midnapore 721102, W Bengal, India
A Time Series Analysis on the Relation between Foreign Direct Investment & Total Factor Productivity Growth of the Indian Organised Manufacturing Sector: 1980-81 to 2010-11	Das, Narasingha	PACIFIC BUSINESS REVIEW INTERNATIONAL	2017	0	[Das, Narasingha] Vidyasagar Univ, Dept Econ, Midnapore, W Bengal, India
Bioaccumulation of heavy metals and inhibition of vesicular docking within osn in mudskipper [Pseudapocryptes lanceolatus]	De, Subrata Kumar; Sarkar, Swaraj Kumar	CHEMICAL SENSES	2017	0	[De, Subrata Kumar; Sarkar, Swaraj Kumar] Vidyasagar Univ, Ultrastruct & Fish Biol Res Unit, Dept Zool, Midnapore West 721102, W Bengal, India
Heteroglycan of an edible mushroom Pleurotus cystidiosus: Structural characterization and study of biological activities	Panda, Bibhash C.; Maity, Prasenjit; Nandi, Ashis K.; Pattanayak, Manabendra; Manna, Dilip K.; Mondal, Soumitra; Tripathy, Satyajit; Roy, Somenath; Acharya, Krishnendu; Islam, Syed S.	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2017	0	[Panda, Bibhash C.; Maity, Prasenjit; Nandi, Ashis K.; Pattanayak, Manabendra; Manna, Dilip K.; Islam, Syed S.] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore 721102, W Bengal, India; [Mondal, Soumitra] Panskura Banamali Coll, Dept Chem, Purba Medinipur 721152, W Bengal, India; [Tripathy, Satyajit; Roy, Somenath] Vidyasagar Univ, Dept Human Physiol Community Hlth, Immunol & Microbiol

					Lab, Midnapore 721102, W Bengal, India; [Acharya, Krishnendu] Univ Calcutta, Dept Bot, Mol & Appl Mycol & Plant Pathol Lab, 35 Ballygunge Circular Rd, Kolkata 700019, W Bengal, India
Detecting medicinal plants species using GPS positioning in Vidyasagar University Campus, Midnapore, West Bengal, India	Saadi, Sk. Md. Abu Imam; Mondal, Ismail; Sarkar, Subrata; Mondal, Amal Kumar; Bandyopadhyay, Jatisankar	SPATIAL INFORMATION RESEARCH	2017	0	[Saadi, Sk. Md. Abu Imam; Mondal, Amal Kumar] Vidyasagar Univ, Dept Bot & Forestry, UGC DRS SAP Dept, Plant Taxon Biosystemat & Mol Taxon Lab, Midnapore 721102, W Bengal, India; [Mondal, Ismail; Sarkar, Subrata; Bandyopadhyay, Jatisankar] Vidyasagar Univ, Dept Remote Sensing, Midnapore 721102, W Bengal, India; [Mondal, Ismail; Sarkar, Subrata; Bandyopadhyay, Jatisankar] Vidyasagar Univ, GIS, Midnapore 721102, W Bengal, India
Prices and order quantities of substitutable products in an EPQ model over different uncertain finite budget constraints	Das, Rakesh L.; Jana, Ranjan Kumar; De, Manoranjan; Maiti, Manoranjan	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2017	0	[Das, Rakesh L.; Jana, Ranjan Kumar] Sardar Vallabhbhai Natl Inst Technol, Dept Appl Math & Humanities, Surat 395007, Gujarat, India; [De, Manoranjan; Maiti, Manoranjan] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore, W Bengal, India
Lawrence's response to Futurism in the letters vis-a-vis his representation of "	Ghosh, Joyjit	RUPKATHA JOURNAL ON INTERDISCIPLINARY	2017	0	[Ghosh, Joyjit] Vidyasagar Univ, Dept English, Midnapore, W Bengal, India

what the woman is" in The Rainbow		STUDIES IN HUMANITIES			
Computation of inverse 1-centre location problem on the weighted interval graphs	Jana, Biswanath; Mondal, Sukumar; Pal, Madhumangal	INTERNATIONAL JOURNAL OF COMPUTING SCIENCE AND MATHEMATICS	2017	0	[Jana, Biswanath; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, India; [Mondal, Sukumar] Raja NL Khan Womens Coll, Dept Math, Gope Palace 721102, Paschim Medinip, India
t-derivations on complicated subtraction algebras	Jana, Chiranjibe; Senapati, Tapan; Pal, Madhumangal	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2017	0	[Jana, Chiranjibe; Pal, Madhumangal] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India; [Senapati, Tapan] Padima Janakalyan Banipith, Dept Math, Kukurakhupi 721517, W Bengal, India
Potential targetability of multi-walled carbon nanotube loaded with silver nanoparticles photosynthesized from Ocimum tenuiflorum (tulsi extract) in fertility diagnosis	Jha, Pradeep K.; Jha, Rakhi K.; Rout, Dilip; Gnanasekar, Sathishkumar; Rana, Suresh V. S.; Hossain, Maidul	JOURNAL OF DRUG TARGETING	2017	0	[Jha, Pradeep K.; Jha, Rakhi K.] Indian Inst Technol, Sch Med Sci & Technol, Kharagpur, W Bengal, India; [Jha, Rakhi K.] GOI, Minist Environm Forest & Climate Change, Natl Inst Anim Welf, Faridabad, India; [Rout, Dilip] Jhargram Raj Coll, Dept Chem, Midnapore, W Bengal, India; [Gnanasekar, Sathishkumar] Bharathidasan Univ, Dept Biotechnol, Tiruchchirappalli, Tamil Nadu, India; [Rana, Suresh V. S.] CCS Univ, Dept Zool & Toxicol, Meerut, Uttar

					Pradesh, India; [Hossain, Maidul] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore, India
An imperfect EPQ model for deteriorating items with promotional effort dependent demand	Kundu, Anindita; Guchhait, Partha; Panigrahi, Goutam; Maiti, Manoranjan	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2017	0	[Kundu, Anindita; Panigrahi, Goutam] NIT, Dept Math, Mahatma Gandhi Ave, Durgapur 713209, W Bengal, India; [Guchhait, Partha; Maiti, Manoranjan] Vidyasagar Univ, Dept Math, Paschim Medinipur, W Bengal, India
The Dual Carboxymethyl Cellulase and Gelatinase Activities of a Newly Isolated Protein from <i>Brevibacillus agri</i> ST15c10 Confer Reciprocal Regulations in Substrate Utilization	Maiti, Smarajit; Samanta, Tanmoy; Sahoo, Sumit; Roy, Sudipta	JOURNAL OF MOLECULAR MICROBIOLOGY AND BIOTECHNOLOGY	2017	0	[Maiti, Smarajit; Sahoo, Sumit; Roy, Sudipta] Vidyasagar Univ, Oriental Inst Sci & Technol, Dept Biochem & Biotechnol, Cell & Mol Therapeut Lab, Midnapore, India; [Maiti, Smarajit] Midnapore Tn Agricure Biotech Res Soc, Midnapore, India; [Samanta, Tanmoy] Indian Inst Technol, Kharagpur, W Bengal, India
Manganese(IV) complex with a polydentate Schiff base ligand: synthesis, crystal structure, TDDFT calculation, electronic absorption and EPR spectral study	Manna, Soumen; Mistri, Soumen; Bhunia, Apurba; Paul, Aparup; Zangrando, Ennio; Manna, Subal Chandra	JOURNAL OF COORDINATION CHEMISTRY	2017	0	[Manna, Soumen; Mistri, Soumen; Bhunia, Apurba; Paul, Aparup; Manna, Subal Chandra] Vidyasagar Univ, Dept Chem & Chem Technol, Midnapore, India; [Zangrando, Ennio] Univ Trieste, Dept Pharmaceut & Chem Sci, Trieste, Italy
Literature and World Cinema	Mishra, Sandip Kumar	RUPKATHA JOURNAL ON INTERDISCIPLINARY STUDIES IN HUMANITIES	2017	0	[Mishra, Sandip Kumar] Govt Aided High Sch West Bengal, Kolkata, India; [Mishra, Sandip Kumar] Vidyasagar Univ, Natl & Int

					Conferences 2, St Pauls Cathedral Mission Coll, Maharshi Markandeswar Univ, Midnapore, India; [Mishra, Sandip Kumar] Berhampur Univ, Berhampur, Orissa, India
Cut-off point estimation of neck circumference to determine overweight and obesity among Asian Indian adults	Mondal, Nitish; Timungpi, Ruplin; Kathar, Moniram; Hanse, Sarlongki; Teronpi, Siko; Timung, Ajitsingh; Bose, Kaushik; Sen, Jaydip	EPIDEMIOLGY BIOSTATISTICS AND PUBLIC HEALTH	2017	0	[Mondal, Nitish; Timungpi, Ruplin; Kathar, Moniram; Hanse, Sarlongki; Teronpi, Siko; Timung, Ajitsingh] Assam Univ, Dept Anthropol, Diphu Campus, Diphu 782460, Assam, India; [Bose, Kaushik] Vidyasagar Univ, Dept Anthropol, Midnapore, Assam, India; [Sen, Jaydip] North Bengal Univ, Dept Anthropol, Darjeeling, W Bengal, India
Higher-order quantum dynamics of a generic quadratically-coupled optomechanical system: entanglement, antibunching and spin squeezing	Mukherjee, Kousik; Jana, Paresh Chandra	OPTICA APPLICATA	2017	0	[Mukherjee, Kousik; Jana, Paresh Chandra] Vidyasagar Univ, Dept Phys & Technophys, Midnapore 721102, India; [Mukherjee, Kousik] Govt Gen Degree Coll, Dept Phys, Gopiballavpur 721517 2, India
A MITOGENOMIC EXPLORATION OF THE PHYLOGENY AND EVOLUTION OF EXTANT ANURANS	Pratihar, Suman; Dutta, Sushil Kumar; Bhattacharya, Manojit; Clark, Howard	RUSSIAN JOURNAL OF HERPETOLOGY	2017	0	[Pratihar, Suman] Sukumar Sengupta Mahavidyalaya, Paschim Medinipur 721150, W Bengal, India; [Dutta, Sushil Kumar] Nat Environm & Wildlife Soc, Nat House, Angul, Odisha, India; [Bhattacharya, Manojit] Vidyasagar Univ, Aquaculture Res Unit, Midnapore, W Bengal, India;

					[Clark, Howard] Colibri Ecol Consulting, Fresno, CA USA
Lattice for nested rough approximation	Roy, Sankar Kumar; Rana, Dipankar	JOURNAL OF DISCRETE MATHEMATICAL SCIENCES & CRYPTOGRAPHY	2017	0	[Roy, Sankar Kumar; Rana, Dipankar] Vidyasagar Univ, Dept Appl Math Oceanol & Comp Programming, Midnapore 721102, W Bengal, India
Synthesis and Optical Absorption Properties of Copper Oxide Nanoparticles for Applications in Transparent Surface Coatings and Solar Cells	Samanta, P. K.; Das, M.; Hati, R.; Patra, M.; Khatun, A.; Patra, S.; Jana, S.; Kar, B. S.; Mandal, S.; Mandal, A. K.; Aich, D.; Saha, S.; Kamilya, T.; Mishra, S.	JOURNAL OF NANO-AND ELECTRONIC PHYSICS	2017	0	[Samanta, P. K.] Prabhat Kumar Coll, Post Grad Dept Phys, Contai 721401, India; [Das, M.; Hati, R.; Patra, M.; Khatun, A.; Patra, S.; Jana, S.; Kar, B. S.; Mandal, S.] Panskura Banamali Coll, Post Grad Dept Phys, Panskura 721152, India; [Mandal, A. K.] Sch Basic Sci & Humanities, IEM, Kolkata 700098, India; [Aich, D.] Kharagpur Coll, Dept Phys, Paschim Medinipur, India; [Saha, S.] Vidyasagar Univ, Dept Phys & Technophys, Midnapore, India; [Kamilya, T.] Narajole Raj Coll, Dept Phys, Narajole 721101, India; [Mishra, S.] Haldia Inst Technol, Sch Appl Sci, Haldia, Purba Medinipur, India
Incorporation of Ghee Residue as a Feed Ingredient for Labeo rohita Fingerlings	Singh, P.; Paul, B. N.; Rana, G. C.; Mandal, R. N.; Chakrabarti, P. P.; Giri, S. S.	ANIMAL NUTRITION AND FEED TECHNOLOGY	2017	0	[Singh, P.; Paul, B. N.; Rana, G. C.; Mandal, R. N.; Chakrabarti, P. P.; Giri, S. S.] Cent Inst Freshwater Aquaculture Rahara, Reg Res Ctr, Kolkata 700118, India; [Rana, G. C.] Vidyasagar Univ, Dept Aquaculture Management &

					Technol, Midnapore 721102, India; [Giri, S. S.] Cent Inst Freshwater Aquaculture, Bhubaneswar 751002, Orissa, India
Willingness to Pay for Improved Water Services: A Case of Darjeeling, India	Tamang, Pravesh; Jana, Sebak Kumar	ASIAN JOURNAL OF WATER ENVIRONMENT AND POLLUTION	2017	0	[Tamang, Pravesh] Presidency Univ, Dept Econ, Kolkata, India; [Jana, Sebak Kumar] Vidyasagar Univ, Dept Econ, Midnapore, India