

### 3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

| SL. NO. | Title of paper   | Name of the author/s   | Department of the teacher   | Name of journal  | Year of publication | ISBN/ISSN number                    |
|---------|--|--|-----------------------------|--|---------------------|-------------------------------------|
| 1       | Assessment Of Carbon Monoxide Load At Ambient Air In Burdwan, West Bengal –India, In Post Kyoto Era                        | Bipasha Mridha Ghosh , Prof. (Dr.) Aniruddha Gangopadhyay            | H&S (Environmental Science) | ZENITH International Journal Of Multidisciplinary Research                 | NOVEMBER (2016)     | ISSN 2231-5780                      |
| 2       | An empirical study on trend of corporate environmentalism in India   | Bipasha Mridha Ghosh , Prof. (Dr.) Aniruddha Gangopadhyay            | H&S (Environmental Science) | Journal Of Business Management & Social Sciences Research (JBM&SSR)        | September (2016)    | ISSN No: 2319-5614                  |
| 3       | An empirical case study on critical success factor of corporate environmentalism within selected industries of West Bengal | Bipasha Mridha Ghosh   | H&S (Environmental Science) | Journal Of Business Management & Social Sciences Research (JBM&SSR)        | JULY (2014)         | ISSN No: 2319-5614                  |
| 4       | Contemporary trends of corporate environmentalism in iron industry, with special reference of West Bengal                  | Bipasha Mridha Ghosh   | H&S (Environmental Science) | International Journal Of Scientific And Research Publications              | December,( 2012)    | ISSN: 2250-3153                     |
| 5       | Induction Motor Fault Diagnosis by Motor Current Signature Analysis and Neural Network Techniques                          | Subir Bhattacharyya,Deepro Sen,Chiranjib Mukherjee & Shreya Adhvaryu | EE, NFET                    | Jacotech   | 2015                | ISSN : 2347-2804                    |
| 6       | Optimal Lamp Selection Considering Vision During Driving Condition   | Poulomi Rakshit, S.P.Bose  | EE, NFET                    | IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)         | 2013                | e-ISSN: 2278-1676,p-ISSN: 2320-3331 |
| 7       | A Novel Investigation of Road Lighting Under Voltage Variation   | Poulomi Rakshit, S.P.Bose  | EE, NFET                    | International Journal of Innovations in Engineering and Technology (IJJET) | 2016                | ISSN: 2319 – 1058                   |

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| 8  | Sustainability of a stage-structured exploited prey-predator system.  | S. Guria, P. Paul, T.K. Kar                    | Mathematics | International Journal Biomathematics and System Biology                        | 2014 | ISSN 2394 -7772, 1(1) (2014) 1-16. |
| 9  | Effect of harvesting and infection on predator in a prey-predator system.   | S. Jana, S. Guria, U. Das, T.K. Kar, A. Ghorai | Mathematics | Nonlinear Dynamics   | 2015 | ISSN 0924-090X, vol 80, No. 1-2.   |
| 10 | A dynamic reaction model of a prey-predator system incorporating a constant prey refuge   | U. Das, S. Guria, T.K. Kar, U.K. Pahari        | Mathematics | Journal of Ecological Economics and Statistics                                 | 2015 | ISSN 0973-7537 Vol. 36, Issue. 3.  |
| 11 | Global dynamics of a predator, weaker prey and stronger prey system, Appl. Math. Comput.  | S. Jana, A. Ghorai, S. Guria, T.K. Kar         | Mathematics | Applied Mathematics and Computation  | 2015 | ISSN 0096-3003 250 (2015) 235-248. |
| 12 | Kinetics and Mechanism of the Interaction of Di-1-hydroxobis(1,10-phenanthroline)dipalladium(II) Perchlorate with Thioglycolic Acid and Glutathione in Aqueous Solution | Koyel Misra                                    | Chemistry   | J Solution Chem  | 2013 | 1572-8927                          |
| 13 | Interaction of Glutathione With Cis-(2-Aminomethylpyridine)diaqua platinum(II) Perchlorate in Aqueous Medium: Their Kinetics and Mechanism                              | Koyel Misra                                    | Chemistry   | Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry | 2014 | 1532-2440                          |

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|----|---|---------------|-----------|-------------------------------|------|-----------|
| 14 | Kinetics and mechanism of biphasic substitution reactions of a platinum(II) complex with thioglycolic acid and 4-methyl-3-thiosemicarbazide in aqueous solution | Koyel Misra   | Chemistry | Transition Met Chem           | 2014 | 1572-901X |
| 15 | Interaction of bio-relevant thio-ether and thiols with dinuclear Pd(II) complex: kinetics, mechanism, bioactivity in aqueous medium and molecular docking       | Koyel Misra   | Chemistry | RSC Advances                  | 2015 | 2046-2069 |
| 16 | An experimental and theoretical approach on the kinetics and mechanism for the formation of a fourmembered (S, S) chelated Pt(II) complex                       | Koyel Misra   | Chemistry | RSC Advances                  | 2016 | 2046-2069 |
| 17 | Gal/GalNAc specific multiple lectins in marine bivalve <i>Anadara granosa</i>   | Mausumi Adhya | Chemistry | Fish and Shellfish Immunology | 2016 | 1050-4648 |
| 18 | Detection of Hanganutziu-Deicher antigens in O-glycans from pig heart tissues by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry   | Mausumi Adhya | Chemistry | Xenotransplantation           | 2013 | 1399-3089 |

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|----|---|--------------------|-----------|---|------|-----------|
| 19 | The Sweets standing at the Borderline between Allo- and Xenotransplantation   | Mausumi Adhya      | Chemistry | Xenotransplantation                     | 2013 | 1399-3089 |
| 20 | Cloning and localization of MCdef, a defensin from Manila clams ( <i>Ruditapes philippinarum</i> )  | Mausumi Adhya      | Chemistry | Comperative Biochemistry and Physiology | 2012 | 1096-4959 |
| 21 | Temporal Variation of <i>Perkinsus olseni</i> Infection Intensity in the Manila Clam <i>Ruditapes philippinarum</i> in Gomso Bay, Off the West Coast of Korea | Mausumi Adhya      | Chemistry | Journal of Shellfish Research           | 2012 | 0730-8000 |
| 22 | A luminescent-water soluble inorganic co-crystal for a selective picomolar range arsenic(III) sensor in water medium  | Priyanka Mukherjee | Chemistry | Chemical Communications                 | 2013 | 1359-7345 |
| 23 | Femtomolar level sensing of inorganic arsenic(III) in water and in living-systems using a non-toxic fluorescent probe   | Priyanka Mukherjee | Chemistry | Chemical Communications                 | 2014 | 1359-7345 |

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|----|--|--------------------------------|-------------|--|------|-----------|
| 24 | CHLORIDE ASSISTED SUPRAMOLECULAR SELF- ASSEMBLY OF SQUARE-PYRAMIDAL [CU (IMIDAZOLE) 4(CL)]+ UNIT INVOLVING C-H•••CL, N-H•••CL, $\pi\bullet\bullet\bullet\pi$ , C-H••• $\pi$ INTERACTIONS: A STRUCTURAL, SPECTRAL AND THEORETICAL INVESTIGATION | Priyanka Mukherjee             | Chemistry   | Asian Journal of Chemistry   | 2014 | 0970-7077 |
| 25 | Selective picomolar level fluorometric sensing of the Cr(VI)-oxoanion in a water   | Priyanka Mukherjee             | Chemistry   | RSC Adv.   | 2016 | 2046-2069 |
| 26 | Some Fixed Point Theorems via w-distance on Cone Metric Spaces   | Dr. S.K. Mohanta & Rima Maitra | Mathematics | Global J. of Sc. Frontier Research, vol. XII, issue 1, version 1       | 2012 | 2249-4626 |
| 27 | Common Fixed Points of Three Self Mappings in Complex Valued Metric Spaces   | Dr. S.K. Mohanta & Rima Maitra | Mathematics | International J. of Mathematical Archieve, vol 3, no.8                 | 2012 | 2229-5046 |
| 28 | Common Fixed Points For $\phi$ -pairs in Complex Valued Metric Spaces  | Dr. S.K. Mohanta & Rima Maitra | Mathematics | International J. of Mathematics and Computer Research, vol. 1, issue 9 | 2013 | 1814-0432 |
| 29 | A Characterization of Completeness in Cone Metric Spaces   | Dr. S.K. Mohanta & Rima Maitra | Mathematics | J.of Nonlinear Science and Applications, vol.6                         | 2013 | 2008-1901 |
| 30 | Coupled Coincidence Points Theorems For Maps Under a New Invariant Set in Ordered Cone Metric Spaces   | Dr. S.K. Mohanta & Rima Maitra | Mathematics | International J. of Nonlinear Analysis and Applications, vol. 5        | 2014 | 2008-6822 |

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| 31 | Generalized c-distance and a Common Fixed Point Theorem in Cone Metric Spaces  | Dr. S.K. Mohanta & Rima Maitra | Mathematics | General Mathematical Notes, vol.21,no.1  | 2014 | 2219-7184                                      |
| 32 | Coincidence Points and Common Fixed Points for Expansive Type Mappings in Cone b-Metric Spaces   | Dr. S.K. Mohanta & Rima Maitra | Mathematics | Applied Mathematics E-Notes, vol. 14   | 2014 | 1607-2510                                      |
| 33 | Caccioppoli Type Fixed Point Result in Cone b-Metric Space   | Rima Maitra                    | Mathematics | International J. of Innovative Research Science Engineering and Technology, vol.1, issue 4 | 2014 | 2319-8753                                      |
| 34 | Some Common Fixed Point Theorems via Generalized c-distance  | Dr. S.K. Mohanta & Rima Maitra | Mathematics | Kyungpook Mathematical J. , vol. 55  | 2015 | 0454-8124                                      |
| 35 | An Order Level Inventory Model Under Two Level Storage System with Fuzz Demand   | S.Sarkar & T.Chakrabarti       | Mathematics | Yugoslav Journal Of Operations Research  | 2013 | Vol 23 (2013) Number 2.                        |
| 36 | An EPQ model of exponential deterioration with fuzzy demand and production with shortages  | S.Sarkar & T.Chakrabarti       | Mathematics | International Journal of Industrial Engineering and Production Research                    | 2013 | ISSN :2008-4889 pp. 309-317                    |
| 37 | An EPQ model having weibull distribution deterioration with exponential demand and production with shortages under permissible delay in payments | S.Sarkar & T.Chakrabarti       | Mathematics | Mathematical Theory and Modelling  | 2013 | ISSN 2224-5804 (Paper) ISSN 2225-0522 (Online) |
| 38 | An EPQ model with two component demand under Fuzzy environment and Weibull distribution deterioration with shortages                             | S.Sarkar & T.Chakrabarti       | Mathematics | International journal of Advances in Operations Research                                   | 2012 | doi:10.1155/2012/264182                        |

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| 39 | An Inventory Model for Deteriorating Items Having Weibull Distribution Deterioration And Exponential Demand Under Permissible Delay In Payments | S.Sarkar & T.Chakrabarti                             | Mathematics | Journal Of the Calcutta Mathematical Society                             | 2015              | 11(2), 95-104 (2015)                   |
| 40 | An Order Level Inventory Model Under Two Level Storage System with Fuzzy Demand   | S.Sarkar & T.Chakrabarti                             | Mathematics | Bulletin of the Calcutta Mathematical society                            | 2012              | Volume 105, No. 2(2012), 117-128       |
| 41 | Inventory Problem of Instantaneous Deteriorating Items with fuzzy Ramp-type Demand allowing Backlogging   | S.Sarkar & T.Chakrabarti                             | Mathematics | Bulletin of the Calcutta Mathematical society                            | 2012              | Volume 104, No. 3(2012), 219-236.      |
| 42 | Roman Domination on acyclic Permutation Graphs  | Angshu kumar Sinha, Akul Rana, Anita Pal             | Mathematics | Journal of Informatics and Mathematical Sciences.(ESCI, THOMSON REUTERS) | To be appear 2017 | 0975-5748                              |
| 43 | The 2-Tuple Domination Problem on Circular-arc Graphs   | Angshu kumar Sinha, Akul Rana, Anita Pal             | Mathematics | Journal of Mathematics and Informatics(UGC)                              | 2017              | 2349-0632 (P), 2349-0640 (online)      |
| 44 | Edge Roman Star Domination Number on Graphs   | Angshu kumar Sinha, Akul Rana, Anita Pal             | Mathematics | Annals of Pure and Applied Mathematics(UGC)                              | 2017              | ISSN: 2279-087X (P), 2279-0888(online) |
| 45 | Signed Star Domination number on Proper Interval Graphs,  | Angshu kumar Sinha, Akul Rana, Anita Pal             | Mathematics | International Journal of Pure and Applied Mathematics(SCOPUS)            | 2016              | 1311-8080                              |
| 46 | The 2-Tuple Domination Problem on Trapezoid Graphs  | Angshu kumar Sinha, Akul Rana, Anita Pal             | Mathematics | Annals of Pure and Applied Mathematics(UGC)                              | 2014              | ISSN: 2279-087X (P), 2279-0888(online) |
| 47 | Introduction of a Triple Prime Symmetric Key Block Cipher   | Abhijit Chowdhury, Angshu kumar Sinha, Saurabh Dutta | Mathematics | International Journal of Computer Applications                           | 2012              | 0975-8887                              |

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| 48 | Proposal of a New Block Cipher reasonably Non-  | Abhijit Chowdhury, Angshu kumar Sinha, Saurabh Dutta  | Mathematics   | International Journal of Computer Science Issues,            | 2012            | 1694-0814                                       |
| 49 | Diagnosis and Identification of Risk Factors for Heart Disease Patients Using Generalized Additive Model and Data Mining Techniques | Sabyasachi Mukherjee, Suman Kapoor & Proloy Banerjee  | Mathematics   | Journal of Cardiovascular Disease Research                   | Accepted (2017) | ISSN 0975-3583                                  |
| 50 | Correlated log-normal composite error models for different scientific domains.  | Rabindra Nath Das, Jinseog Kim and Sabyasachi Mukherjee   | Mathematics   | Model Assisted Statistics and Applications                   | 2017            | ISSN 1875-9068.                                 |
| 51 | Joint Mean-Variance Overall Survival Time Fitted Models from Stage III Non-Small Cell Lung Cancer.                                  | Rabindra Nath Das & Sabyasachi Mukherjee  | Mathematics   | Epidemiology: Open Access                                    | 2017            | ISSN 2161-1165                                  |
| 52 | Association Between Body Mass Index and Cardiac Parameters of Worcester Heart Attack Study.   | Rabindra Nath Das ,Sabyasachi Mukherjee & Rajendra Nath Panda   | Mathematics   | BAOJ Cellular & Molecular Cardiology                         | 2016            | vol -2 ; issue- 1 (ISSN number not been issued) |
| 53 | Comparative Study of Using Sodium Chlorite and Tartaric Acid Pretreatment on Waste Rice Straw for Enhanced Production of Bioethanol | Arpan Kumar Basak1, Bunushree Behera1, Anuradha Mukherjee3, Kaustav Aikat1, Amit Ganguly2, and Pradip Kumar Chatterjee2 | Basic Science | IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS) | 2015            | e-ISSN: 2278-3008, p-ISSN:2319-7676             |
| 54 | Utilisation of the spent biomass from the old thatched  | Bunushree Behera, Anuradha Mukherjee, Arpan Kumar Basak, Kaustav  | Basic Science | European Journal of Biotechnology and Bioscience             | 2015            | ISSN: 2321-9122                                 |



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|----|---|--|---------------|--|------|--|
| 55 | Investigations on the kinetics of Acid Catalysed Hemicellulose Hydrolysis Derived from Waste Rice Straw for the production of Bio-Ethanol | Anuradha Mukherjee <sup>3</sup> , Tamal Mandal <sup>1</sup> , Amit Ganguly <sup>2</sup> , Prem Sundar Ghosh and Pradip Kumar Chatterjee <sup>2</sup> | Basic Science | Indian Journal of Science and Technology                               | 2017 | ISSN(PRINT):0974-6846,<br>ISSN(ONLINE):0974-5645 |
| 56 | Optimal allocation of static VAR compensator by a hybrid algorithm  | Deepro Sen   | EEE           | Energy Systems, Springer-Verlag, Germany                               | 2017 | ISSN: 1868-3967<br>(Print) 1868-3975<br>(Online) |
| 57 | Generation & Analysis of Harmonic for Various Combinations of Non-linear Load   | Subhabrata Mukherjee, Kunakl Chakraborty, Deepak Kumar Datta   | EEE           | TELKOMNIKA   | 2014 | p-ISSN: 2502-4752, e-ISSN: 2502-4760             |
| 58 | Tuning of PID Controller of Inverted Pendulum using Genetic Algorithm   | Suvabrata Mukherjee, K.Chakraborty, R.R Mukherjee  | EEE           | International Journal of Soft Computing and Engineering                | 2013 | ISSN 2231-2307                                   |
| 59 | Different Modelling and Controlling Technique for Stabilization of Inverted Pendulum  | Suvabrata Mukherjee, K.Chakraborty, R.R Mukherjee  | EEE           | International Journal of scientific and Engineering Research           | 2013 | ISSN 2229-5518                                   |
| 60 | Smart Helmet for Indian Bike Riders   | Amitava Das, Priti Das, Soumitra Goswami   | EEE           | International Journal of Advances in Science Engineering & Technology  | 2014 | ISSN:2321-9009                                   |
| 61 | A New Converter Topology for Power Quality Improvement in Residential Induction Cooking System  | Amitava Das, Sudipto Bhui, Rana Pratap Ganguly   | EEE           | International Journal of Research in Engineering & Advanced Technology | 2013 | ISSN:2320-8791                                   |
| 62 | Power Quality Improvement Using Impedance Network Based Inverter  | Amitava Das, Sudipto Bhui, Partha Sarathi Mondal   | EEE           | International Journal of Research in Engineering & Technology          | 2013 | ISSN:2319-1163                                   |

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| 63 | Advantage of adopting Parabolic Trough Solar Collector Technology for Cost effective energy supply                       | Poulomi Chatterjee                         | EE  | International Journal of Science and Engineering Research   | 2016 | ISSN: 2455-2631                          |
| 64 | Threshold voltage modeling for Nanometer scale Junction less Double Gate MOSFET  | Gaurav Dhiman and P. K. Ghosh              | ECE | International Journal of Applied Engineering Research   | 2017 | 0973-4562 (Print),<br>0973-9769 (Online) |
| 65 | Design of 7th and 9th Order Low Pass Filter with Higher Cut-off Frequency Using 65nm CMOS Technology                     | Suman Nehra and P. K. Ghosh                | ECE | International Journal of Control Theory and Applications  | 2017 | 0974-5572                                |
| 66 | Analysis of Phase Noise and Jitter in Ring Oscillators   | Shruti Suman, K. G. Sharma and P. K. Ghosh | ECE | Innovative Systems Design and Engineering, International Institute of Science, Technology and Engineering (IISTE) | 2017 | 2222-1727 (Paper)<br>2222-2871 (Online)  |
| 67 | A Survey on Runtime-Leakage Reduction Techniques in VLSI Design  | Sumitra Singer and P. K. Ghosh             | ECE | International Journal of Engineering Science and Computing  | 2016 | 2250 – 1371                              |
| 68 | Comparison of Some EMD based Technique for Baseline Wander Correction in Fetal ECG Signal                                | P. K. Ghosh and Deepika Poonia             | ECE | International Journal of Computer Applications  | 2015 | 0975 – 8887                              |
| 69 | Baseline Wander Correction in Fetal ECG Signal Based on Empirical Mode Decomposition                                     | P. K. Ghosh and Deepika Poonia             | ECE | International Journal of Research in Science and Technology   | 2015 | 2394 – 9554                              |
| 70 | Constant Modulus Algorithm Based Blind ISI Correction for Quadrature Amplitude Modulation and Phase Shift Keying Signals | P. K. Ghosh and Charul Soni                | ECE | International Journal of Research in Science and Technology   | 2015 | 2394 – 9554                              |

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| 71 | Design of Low Offset and High Speed CMOS Comparator for Analog to Digital Converter                     | Nidhi Tarun, Shruti Suman, and P. K. Ghosh                       | ECE | Innovative Systems Design and Engineering, International Institute of Science, Technology and Engineering (IISTE) | 2014   | 2222-1727 (Paper) 2222-2871 (Online) |
| 72 | Design of Second Order Low Pass and High Pass Filter using Double Gate MOSFET based OTA                 | Jagdeep Kaur Sahani, Shruti Suman, P. K. Ghosh                   | ECE | Innovative Systems Design and Engineering,  | 2014   | 2222-1727 (Paper) 2222-2871 (Online) |
| 73 | Planar Fractal Shaped Compact Monopole Antenna for Ultrawideband Imaging Systems                        | Anirban Karmakar, Shashank Verma, Manimala Pal and Rowdra Ghatak | ECE | International Journal of Microwave and Optical Technology,  | Jul-05 | ISSN No. 1553-0396                   |
| 74 | An Ultra-Wideband Monopole Antenna with Multiple Fractal Slots with Dual Band Rejection Characteristics | Anirban Karmakar, Shashank Verma, Manimala Pal and Rowdra Ghatak | ECE | Progress in Electromagnetics Research C   | 2012   | ISSN No. 1559-9450                   |
| 75 | Dual-Band Bandpass Filter using Concentric Open Loop Resonators with Embedded Ground Slot               | Rowdra Ghatak, Manimala Pal, Pankaj Sarkar and D R Poddar        | ECE | Microwave and Optical Technology Letters  | 2012   | ISSN No. 1098-2760 John Wiley        |
| 76 | Compact UWB Bandpass Filter with Dual Notch Bands using Open Circuited Stubs                            | Pankaj Sarkar, Manimala Pal, Rowdra Ghatak and D R Poddar        | ECE | IEEE Microwave and Wireless Component Letters   | 2012   | ISSN No. 1558-1764                   |
| 77 | Planar Monopole CPW Fed Slot Antenna with Modified H-Shaped Slot for RFID, WiMAX and WLAN Applications  | Laxmi Ray, Chiranjib Goswami, Manimala Pal and Rowdra Ghatak     | ECE | Journal of Telecommunications   | 2012   | ISSN No. 1064-2269                   |
| 78 | Miniaturized UWB Bandpass Filter With Dual Notch Bands and Wide Upper Stopband                          | Pankaj Sarkar, Manimala Pal, Rowdra Ghatak, and Dipak R. Poddar  | ECE | Progress In Electromagnetics Research Letters   | 2013   | ISSN No. 1559-9450                   |

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| 79 | Moore Curve Fractal Shaped Miniaturized Complementary Spiral Resonator   | Rowdra Ghatak, Manimala Pal, ChiranjibGoswami and D R Poddar                   | ECE | Microwave and Optical Technology Letters                     | 2013 | ISSN No. 1098-2760<br>John Wiley |
| 80 | Realization of Miniaturized Quadrature Hybrid Coupler with Reduced Length Branch Arms Using Recursively Loaded Stubs               | Rowdra Ghatak, Manimala Pal and Biswajit Sarkar                                | ECE | Progress in Electromagnetics Research Letters                | 2013 | ISSN No. 1559-9450               |
| 81 | A CPW-fed propeller shaped monopole antenna with super wideband characteristics  | AbhikGorai, AnirbanKarmakar, Manimala Pal, and Rowdra Ghatak                   | ECE | Progress in Electromagnetic Research C                       | 2013 | ISSN No. 1559-9450               |
| 82 | Multiple fractal-shaped slots-based UWB antenna with triple-band notch functionality   | AbhikGorai, AnirbanKarmakar, Manimala Pal and Rowdra Ghatak                    | ECE | Journal of Electromagnetic Waves and Applications,           | 2013 | ISSN No. 0920-5071               |
| 83 | Tri-band bandpass filters using modified tri-section stepped impedance resonator with improved selectivity and wide upper stopband | Rowdra Ghatak, Manimala Pal, Amit Kumar Aditya and Dipak RanjanPoddar          | ECE | IET Microwave Antennas and Propagation                       | 2013 | ISSN No. 1751-8725               |
| 84 | A Band Notch UWB Bandpass Filter Using Dual Stub Loaded Multi Mode Resonator with Embedded Spiral Resonator                        | Pankaj Sarkar, IshitaRakshit, SharmiliAdhikari, Manimala Pal and Rowdra Ghatak | ECE | International Journal of Microwave and Wireless Technologies | 2014 | ISSN No. 1759-0795               |
| 85 | High-Selective Compact UWB Bandpass Filter with Dual Notch Bands   | Pankaj Sarkar, Rowdra Ghatak, Manimala Pal, and Poddar, D. R                   | ECE | IEEE Microwave and Wireless Components Letters               | 2014 | ISSN No. 1558-1764               |

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| 86 | FDTD Modeling of Lorentzian DNG Metamaterials by Auxiliary Differential Equation Method                  | ChiranjibGoswami, Saptarshi Mukherjee, SubrataKarmakar, Manimala Pal, RowdraGhatak | ECE | Journal of Electromagnetic Analysis and Application                   | 2014 | ISSN No. 1942-0730                              |
| 87 | Multiband BPF with Wide Upper Stop Band using Asymmetrically Positioned Stub Loaded Open Loop Resonators | Manimala Pal, Joysmita Chatterjee and Rowdra Ghatak                                | ECE | AEUE International Journal of Electronics and Communication, Elsevier | 2014 | ISSN No. 1942-0730                              |
| 88 | Compact dual-band bandpass filter using asymmetric stepped impedance stub loaded multimode resonator     | Manimala Pal, Rowdra Ghatak and Pankaj Sarkar                                      | ECE | International Journal of Microwave and Wireless Technologies          | 2015 | ISSN No. 1759-0795                              |
| 89 | Revisiting Relations for Modeling the Input Resistance of a Rectangular Microstrip Antenna               | Rowdra Ghatak and Manimala Pal   | ECE | IEEE Antennas and Propagation Magazine,                               | 2015 | ISSN No. 1045-9243                              |
| 90 | A super wideband Chebyshev tapered antipodal Vivaldi antenna   | AbhikGorai, AnirbanKarmakar, Manimala Pal, Rowdra Ghatak                           | ECE | AEUE- International Journal of Electronics and Communications         | 2015 | ISSN No. 1434-8411 Elsevier                     |
| 91 | A Distinctive Resonance: Multiband Bandpass Filter Design Techniques Using Multimode Resonators          | Manimala Pal and Rowdra Ghatak,  | ECE | IEEE Microwave Magazine   | 2015 | ISSN No. 1527-3342                              |
| 92 | A dualband bandpass filter using integrated stepped impedance resonators                                 | Manimala Pal, Biswajit Sarkar, Pankaj Sarkar and Rowdra Ghatak                     | ECE | International Journal of Electronics Letters                          | 2016 | Print ISSN: 2168-1724<br>Online ISSN: 2168-1732 |
| 93 | A compact dual stopbandBandstop filter using defected SIR and Hilbert shape fractal Structure            | Pankaj Sarkar, Manimala Pal, and Rowdra Ghatak                                     | ECE | Microwave and Optical Technology Letters                              | 2016 | ISSN No. 1098-2760<br>John Wiley                |

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| 94 | Perturbed Sierpinski Carpet Resonator and its Usage in Compact Dual and Triple Band Bandpass Filters                | Manimala Pal, Pankaj Sarkar and Rowdra Ghatak   | ECE | RF and Microwave computer Aided Engineering  | 2016 | ISBN No. 1099-047X<br>John Wiley |
| 95 | A Compact Fractal-Shaped Antenna for Ultrawideband and Bluetooth Wireless Systems with WLAN Rejection Functionality | A. Gorai, M. Pal and R. Ghatak                  | ECE | IEEE Antennas and Wireless Propagation Letters   | 2017 | ISSN: 1536-1225                  |
| 96 | A compact printed monopole antenna with enhanced bandwidth and variable dual band notch for UWB applications        | J.Acharjee, K.Mandal, S.K.Mandal,, P. P. Sarkar | ECE | <i>Journal of Electromagnetic Waves and Applications</i>   | 2016 | 1569-3937                        |
| 97 | Suppressing up to fourth harmonic of an ISM band microstrip patch antenna using compact defected ground structures  | J.Acharjee, K.Mandal, S.K.Mandal,, P. P.Sarkar  | ECE | <i>Microwave and Optical Technology Letters</i>  | 2016 | 1098-2760                        |
| 98 | Design of Stub Loaded Wideband Antenna  | Juin Acharjee ,Kaushik Mandal                   | ECE | International Journal of Enhanced Research in Science, Technology & Engineering (IJERSTE),           | 2015 | 2319-7463                        |
| 99 | Design of a Modified L Slot CPW Feed-Multiband Antenna for Wireless Application                                     | Juin Acharjee ,Kaushik Mandal                   | ECE | <i>International Journal of Advance Research in Computer and Communication Engineering (IJARCCE)</i> | 2015 | 2278-1021                        |

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| 100 | Miniaturization of Microstrip Patch Antenna using Special Shaped DGS, Stub & Slots                  | JuinAcharjee, Vishakha, Mrinmoy Chakraborty | ECE | <i>International Journal of Advance Research in Computer and Communication Engineering (IJARCCE)</i> | 2015                                 | 2278-1021  |
| 101 | Design Analysis and Development of a Quad-Band Complementary Antenna Array for Wireless Application | Juin Acharjee and Mrinmoy Chakraborty       | ECE | <i>International Journal of Advance Research in Computer and Communication Engineering (IJARCCE)</i> | 2015                                 | 2278-1021  |
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