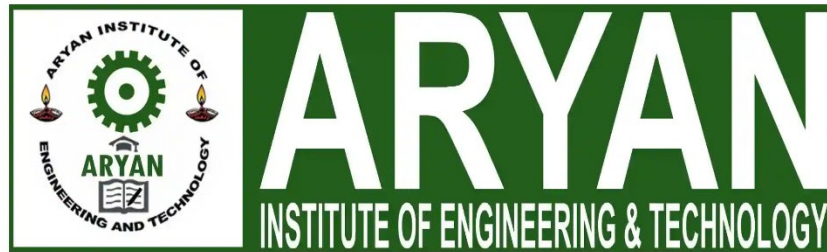

***Supporting Documents for Quantitative
Metric 3.3.2***



Submitted to NAAC

By

**ARYAN INSTITUTE OF ENGINEERING &
TECHNOLOGY, BHUBANESWAR**

3.3.2 Number of papers published per teacher in the Journals notified on UGC website during the last five years

Year	2016-17	2017-18	2018-19	2019-20	2020-21
No. of Papers	123	102	108	92	80

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1	Number of papers published per teacher in the Journals notified on UGC website during 2016-17	4-50
2	Number of papers published per teacher in the Journals notified on UGC website during 2017-18	51-90
3	Number of papers published per teacher in the Journals notified on UGC website during 2018-19	91-135
4	Number of papers published per teacher in the Journals notified on UGC website during 2019-20	136-170
5	Number of papers published per teacher in the Journals notified on UGC website during 2020-21	171-220

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
A New area of Computer science in field of embedded system engineering	D. Bright Anand, Nirupama Tripathy, Radha Mohan Acharya, Anita Subudhi	Computer Science and Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Nonlinear effects generation in non-adiabatically tapered fibres	Naveen Kumar, Asheerbad Puhan, Priya Chandan Satpathy, Sanghamitra Rout	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Computer science has an effect on social life	Sachikanta Pati, Major Das, Jui Pattanaik, Ipsit Joshi	Computer Science and Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Computer Science Engineering in the Field of Philosophical Concept	Rashmita Panigrahi, Ashok Muduli, Satyabrata Das, Rasmi Sarangi	Computer Science and Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Improving the performance of power system protection using wide area monitoring systems	Sangeetha Das, Sanjay Kumar Nayak, Sunil Kumar Tripathy, Siba Prasad Senapati	Electrical Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Comparative study for ball, conic and GRIN rod lens coupling schemes using Zemax Huygen's physical optics calculations	Nikhilesh Kumar, Prakash Kumar Behera, Subrat Kumar Panda, Sulochana Nanda	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Frequency feature extraction for change detection in newborn EEG abnormality detection	Sukanya Nayak, Soumya Mishra, Suchismita Satpathy, Smruti Samantray	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Designing way to deal with assign and assess execution affecting variables for prepared blended solid bunch plant under various impacts	Channabasavaraj Wollur, Swati Shree Mohanty, Shradhananda Ghadei, Swarupranjan Sahoo	Civil Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Multi-wall Carbon Nanotubes Supported Molybdenum Acetylacetonate: Efficient and Highly Reusable Catalysts for Oxidation of Sulfides with Tert-butyl Hydroperoxide	Shubha Laxmi Parida, Ratnamanjari Das, Samit Kumar Acharya, Anchal Paramguru	Basic Science & Humanities	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Viscosity, yield stress and compressive strength of cement-based grout modified with polymers	Samaptika Mohanty, Nikhil Prasad Dash, Subharanshu Kumar Muduli, Bipasha Mohanty	Civil Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Outside fortified solid pillar section joint exposed to monotonic stacking	Sudeepta Kishor Dash, Sattwik Mallik, Amlan Pattanayak, Shradha Jena	Civil Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Computer Science Majors For Minority Female	Subhalaxmi Nayak, Uttam Jena, Aparimita Swain, Purnya Prava Nayak	Computer science and Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Design and Analysis of a Permanent Magnet Synchronous Motor Considering Axial Asymmetric Position of Rotor to Stator	Tapas Ku Benia, Ashok Kumar Sahani, Aruna kumar Rout	Electrical Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
A Design of Single Phase Bridge Full-wave Rectifier	Sitaram Mahato, Naina Mohanty, Ipsita Pahi, Romeo Jena	Electrical and Electronics Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Performance Analysis of a ZVS Parallel Quasi Resonant Converter for a Solar Based Induction Cooking System	Priyajit Dash, Harish Chandra Behera, Sanjeev Kumar Mishra, Laxminarayan Mishra	Electrical and Electronics Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Simulation of Cycloconverter Fed Split Phase Induction Motor	Md Umar Faruk, Manoj Kumar Mishra, Ipsita Pahi, Poonam Tripathy	Electrical and Electronics Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Premium Oriented Language Teaching and Learning through Integration of Skills	Bairagi Patra, Samaresh Mishra, A Manisha, Minushree Pattanaik	Basic Science & Humanities	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Investigation of Mechanical Properties of Aluminium Silicon Carbide Hybrid Metal Matrix Composite (Mmcs)	Bhagwat T. Dhekar, Aliva Mohanty, Jagdish Pradhan, Saswati Nayak	Mechanical Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Concentration of the Mixed Discriminant of Well-Conditioned Matrices	C K Sharma, Gouri Sasmal, Prachismita Samal, Rashmi Rabindra Sahoo	Basic Science & Humanities	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Characterization and Mechanical Properties of Al2O3/Sic Metal Matrix Composites	Prakash Katiare, Niraj Kumar, Sarat Kumar Mishra, Biswajit Mohapatra	Mechanical Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Fabrication and Design of Hyperloop Model: A New Mode of Transportation	Prateek Das, Rajendra prasad Sahu, Bhagyashree Panda, Nalinikanta Swain	Mechanical Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Sliding Crank Mechanism Design for the Positioning of a Lathe Cutting Tool	Raghu. T. S. Satyaban Subudhi, Tapan Kumar Mohanty	Mechanical Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Deflection of Beams and Stress Analysis Using Different Types of Reinforcement	Velmurugan G, Sudeep Sudeep, Smrutirekha Giri, Debananda Behera	Mechanical Engineering	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Nuclear magnetic resonance effect and adaptation	Padmalochan Panda, Uma Parida, Jitendra Kumar Kar, Subrat Kumar Biswal	Basic Science & Humanities	International Journal of Research in Engineering and Science	2016	2320-9364	www.ijres.org		UGC Care
Synthesis and Characterization of 4-Phenacyloxy Benzaldehyde Derivatives	Arun Kumar Jena, Ratnamanjari Das & Bijaya Kumar Patra	Basic Science & Humanities	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care
Studies on Alumina incorporated Polyesteramide Derived from Melia azedarach Seed Oil	Deepak Sahoo, Satyanarayan Behera & Priyadarshi Biswal	Basic Science & Humanities	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care
A Critical Analysis Of Milton's Poetic Style As Revealed In His Epic Poem Paradise Lost: Books I & II	Swagatika Panda, Mitarani Dalei & Gouri Sasmal	Basic Science & Humanities	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care
Teachers' Perception on Literacy, Numeracy and Screening (Linus2.0) Assessment Features Based On Year 1 Students' Performance	Khageswar Jena & Pratitna Dash	Basic Science & Humanities	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care
Smooth Compositions with a Nonsmooth Inner Function	Dr. Madhaba Chandra Rout & Ranjana Pradhan	Basic Science & Humanities	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care
Preparation of Titanium nitride nanomaterials for electrode and application in energy storage	Srinibas Mandal & Itishree Swain	Basic Science & Humanities	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care
Investigation of some physical properties of ZnO nanoflms synthesized by micro-droplet technique	Rajesh Satapathy, Samaresh Mishra & Dr. Paramananda Jena	Basic Science & Humanities	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care
Information Reliability and Investment: A Utter Audit	VIDYA MOHANTY, SIDHANTA KUMAR BALABANTARAY, ASHIS ACHARYA & RAKHI JHA	Computer Science & Engineering	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com		UGC Care

A Logical Data Expansion in Curve Database	PRAVAT KUMAR RAUTRAY, MAJOR DAS, ARABINDA DASH & Dr. Tanmaya Kumar Pattnaik	Computer Science & Engineering	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com	UGC Care
Boundary Noting In Image Using K-Means Swarm	SUSHREE SANGITA JENA, AMIT KUMAR JHA, BIRAJA NAYAK & TRILCHAN ROUT	Computer Science & Engineering	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com	UGC Care
On-Chip Intercalated-Graphene Inductors for Radio Frequency Electronics	MADHULITA MOHAPATRA, ASHEERBAD PUHAN, SAIRUKMINI SAHU & RASHMI RANJAN RATH	Electronics & Communication Engineering	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com	UGC Care
Power Balance Theory Control of an Integrated Electronic Load Controller with Zig-Zag Transformer for Stand-Alone Wind Farm with PV Array Connected to Three-Phase Four-Wire Load	DEBENDRA KUMAR SAHOO, PRAKASINI PRADHAN, SUNITA BARAL & SANGRAM KESHARI SAHOO	Electrical Engineering	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com	UGC Care
The Design of VLC-PLC System for Substation Inspection	SUBHASHISH MOHANTY, RAJIB LOCHAN BARIK, MANOJ MOHANTA & JUDAY BHASKAR	Electrical Engineering	International Journal of Computational Engineering Research	2016	2250 – 3005	www.ijceronline.com	UGC Care
A Detailed Review on Stepper Motor	Rajesh Kanungo, Anshuman Bhuyan, Priyaji Dash and Swarna Manjari Samal	Electrical and Electronics Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Sustainable Energy: Feasibility for all Globally	Surya Prasad Mishra , Anjushree Behera , Prajnadipita Sahoo and Debashish Mishra	Electrical and Electronics Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Heat Transfer Analysis using FEM Method of INERA Baking Pan	Ayusman Nayak , Asutosh sahu , Jagdish Pradhan and Prakash Kaddare	Mechanical Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Effect of Nano-Additives on Diesel Blended Fuels and its Stability on Engine Performance and Emission: A Review	Amar Kumar Das , Asmeeta Jagdev , Suryakant Parida and Avaya Kumar Baijari Singh	Mechanical Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Numerical Analysis of Cavity Flow by Using Finite Difference Method	C R Kumar , Bibhuti Bhushan Sahoo , Prateek Das and Smrutirekha Giri	Mechanical Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Inverse Kinematic Solution using Artificial Neural Network of a 6 DOF Industrial Robot	Kshitish Kumar Dash , Bidyut Prava Jena , Bhagwat T. Dhekar and Tapan Kumar Mohanty	Mechanical Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Automatic Seizure Detection using Statistical Features Based on Mean Absolute Deviation	Kshitish Kumar Dash , Bighnesh Sahu , Raghu. T. S and Biswaranjan Biswal	Mechanical Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Application of Meta Heuristic algorithm for Home Energy Management System	Amitav Saran , Anil Kumar Mishra , Prasanna Kumar Chhotaray and Vidya Mohanty	Computer science and Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Fuzzy Approach of Solving Optimization Problems using Flower Pollination Algorithm	S Krishna Mohan Rao , Satyabrata Dash , Jhalaka Hota and Namrata Khamari	Computer science and Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Guest Editorial Deep Learning Procedure of Medical Imaging	Akshaya Kumar Satpathy , Satyabrata Dash , Chandar Sekhar Das and Pravat Kumar Rautray	Computer science and Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Breast Cancer Discrimination with Micro calcifications using Deep Learning	Aurobindo Kar , G Samba Siva Rao , Jui Pattanaik and Srimanta Mohapatra	Computer science and Engineering	International Journal of Computer Science and Management Studies	2016	2231–5268	www.ijcsms.com	UGC Care
Municipal Solid Waste Management in India: A Review and Some New Results	Ananya Punyotaya Parida , Harish Kelagari , Nilanchala Swain and Minakshree Mahananda	Civil Engineering	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
Manufacturing Ceramic Using Red mud Foam	Honey Mishra , Durga Prasad Subudhi , Shradhanands Ghadei and Jaswanth Gangolu	Civil Engineering	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
An Application of Optical Fiber in Defense and National Security	Jyostnamayee Behera , Satyanarayan Pradhan , Priya Chandan Satpathy and Madhusmita Mohanty	Electronics & Communication Engineering	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
Corporate Social Responsibility at Stake Bank of India	Sasmita Nayak , Raja Sarkar , Anil Bhuyan and Chinmaya Sahoo	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
Indian Fiction: A Journey	Swekanti Panda , Rajnish Lohani , Khageswar Jena and Sujata Nayak	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
Re-reading Toni Morrison: A Readerresponse Approach	Mousumi Das Pattnaik , Manish Panda , A Manisha and Banambhar Sahu	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
Problems and Difficulties of Speaking English of Students at Engineering Colleges	Pranati Mishra , Manisha Panda , Shahenaz Parween , Banambhar Sahu	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
Analysis of Grid Connected Rooftop Solar PV-Building The Future of Clean Energy	Saumendra Behera , Rupali Nayak , Bhaskar Gupta and Suchismita Satpathy	Electronics and Communication Engineering	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
A Study on Managerial Effectiveness of Service Sector Managers with Special in Reference to Emotional Intelligence	LopamudraPraharaaj , Deepi Ranjan Sahu , Bighnesh Ray and Smrutirekha Mohanty	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
A Deep Exploration of English Language Teaching for Engineering Students of Odisha	Pranati Mishra , Manisha Panda , Bhabani Shankar Behera and Namrata Pattanayak	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2017	2231–5268	www.ijcsms.com	UGC Care
A STUDY ON THE EFFECT OF RUBBER STRIPS ON THE IMPROVEMENT OF CBR VALUES OF EXPANSIVE SOIL		Civil Engineering					
ADVANCEMENT OF CBR VALUES OF EXPANSIVE SOIL DUE TO INCLUSION OF RUBBER STRIPS		Civil Engineering					
Bearing Capacity of Soil in Different Site Conditions		Civil Engineering					
COHESIVE SOILS STABILIZATION USING NATURAL POZZOLANA AND LIME COMPARISON OF ENGINEERING BEHAVIOR OF SILTY SAND AND FIBRE-REINFORCED POND ASH		Civil Engineering					

EFFECT AND APPLICATION OF FLY ASH ALONG WITH COIR FIBER ON STABILIZATION OF SILTY SAND	Civil Engineering								
EFFECT OF DISCRETE RANDOMLY ORIENTED INCLUSIONS AS REINFORCEMENT IN COARSE SOILS	Civil Engineering								
EFFECT OF FLY ASH AND LIME ON THE STABILIZATION OF A CLAYEY SOIL	Civil Engineering								
EFFECT OF FLY ASH IN THE STABILIZATION OF EXPANSIVE SOILS-A70:C80	Civil Engineering								
EFFECT OF FLY ASH ON GEO-ENGINEERING PROPERTIES ON STABILIZATION OF EXPANSIVE SOIL	Civil Engineering								
EFFECT OF FLYASH ON STABILIZATION OF EXPANSIVE SOILS	Civil Engineering								
EFFECT OF LIME-FLY ASH ADMIXTURES ON THE BEHAVIOUR OF EXPANSIVE CLAYS	Civil Engineering								
EFFECT OF PH VARIATIONS ON SHEAR STRENGTH PARAMETERS OF LIME STABILIZED CLAYEY SOIL	Civil Engineering								
EFFECT OF POZZOLANIC MATERIAL AND JUTE FIBRE ON SOIL STABILIZATION	Civil Engineering								
EFFECT OF SAND REINFORCED WITH DISCRETE INCLUSIONS & THE STUDY OF BEHAVIOUR OF MODEL FOOTINGS	Civil Engineering								
EFFECT OF WASTE MATERIALS BASED BINDER ON SOIL STABILISATION	Civil Engineering								
EFFECT ON ENGINEERING PROPERTIES OF CLAYEY SOIL DUE TO ADDITION OF POLYPROPYLENE FIBRE AND LIME ADMIXTURE	Civil Engineering								
ELASTO-PLASTIC MODELING OF SATURATED AND NON-SATURATED RESIDUAL SOIL	Civil Engineering								
EXPERIMENTAL EVIDENCES AND ANALYTICAL EXPRESSION OF ANISOTROPIC SHEAR STRENGTH FIBER-REINFORCED SOILS	Civil Engineering								
FIBER-REINFORCED COHESIVE SOIL SUBJECTED TO PLATE LOAD TEST	Civil Engineering								
LIME STABILIZATION OF LATERITIC SOILS	Civil Engineering								
LIME STABILIZATION OF SOIL	Civil Engineering								
REVIEW ON SEMANTIC SEGMENTATION UTILIZING DEEP LEARNING TECHNIQUES	Computer Science & Engineering								
REVIEW OF MRI-BASED BRAIN TUMOR IMAGE SEGMENTATION USING DEEP LEARNING METHODS	Computer Science & Engineering								
LUNG CT IMAGE SEGMENTATION USING DEEP NEURAL NETWORKS	Computer Science & Engineering								
ECHOCARDIOGRAPHIC IMAGE SEGMENTATION USING DEEP RES-U NETWORK	Computer Science & Engineering								
EVOLUTION OF IMAGE SEGMENTATION UTILIZING DEEP CONVOLUTIONAL NEURAL NETWORK: A SURVEY	Computer Science & Engineering								
FEASIBILITY STUDY OF INTERNET OF THINGS (IoT) IN CONSTRUCTION INDUSTRY: A REVIEW	Computer Science & Engineering								
A TOPOLOGICAL LOSS FUNCTION FOR DEEP-LEARNING BASED IMAGE SEGMENTATION UTILIZING PERSISTENT HOMOLOGY	Computer Science & Engineering								
SEEING DEEP LEARNING TECHNIQUES FOR IMAGE SEGMENTATION	Computer Science & Engineering								
A SURVEY ON APPLICATION OF IOT IN HEALTH MONITORING SYSTEM	Computer Science & Engineering								
APPLICATION OF IOT IN CRICKET GAME FOR AUTOMATION WITHOUT USING UMPIRE	Computer Science & Engineering								
AN ANALYSIS OF THE IMPACT OF INTERNET OF THINGS (IoT) ON FUNCTIONAL INDUSTRY PROCESSES	Computer Science & Engineering								
TRANSMISSION IN FIBER OPTICS FOR LONG DISTANCE COMMUNICATION	Electronics & Communication Engineering								
FREE SPACE OPTICAL COMMUNICATION OVER OPTICAL FIBER CABLE COMMUNICATION	Electronics & Communication Engineering								
FIBER OPTIC COMMUNICATION LINK FOR DIGITAL TRANSMISSION SYSTEM	Electronics & Communication Engineering								
AUTOMATIC SORTING USING IMAGE PROCESSING IMPROVES POST HARVEST BLUEBERRIES STORAGE QUALITY	Electronics & Communication Engineering								
OPPORTUNITIES FOR IMPLANTABLE NEUROTECHNOLOGY	Electronics & Communication Engineering								
TWO DIMENSIONAL HETEROSTRUCTURES LAYERED MATERIALS POTENTIAL APPLICATION	Electronics & Communication Engineering								
CHARGE-MOBILITY BENCHMARK MEASUREMENTS FOR NATURAL PHOTOVOLTAICS	Electronics & Communication Engineering								
APPLICATION OF SOFT MATERIALS FOR SUSTAINABLE ELECTRONICS	Electronics & Communication Engineering								
APPLICATION OF WEARABLE ELECTRONICS ON PAPER BASED MATERIALS	Electronics & Communication Engineering								
AN APPLICATION SYSTEM FOR IMAGE PROCESSING AND PATTERN RECOGNITION	Electronics & Communication Engineering								
WIRELESS SENSOR NETWORK TECHNOLOGY: A REVIEW AND APPLICATION	Electronics & Communication Engineering								
Analysis of food preservations and study of thermophysics of crops, systems and components	Mechanical Engineering								
Biomass derived activated carbon cathode performance for sustainable power generation from Microbial Fuel Cells	Mechanical Engineering								
Evaluation of biomass and its thermal decomposition products as fuels for direct carbon fuel cells	Mechanical Engineering								
Investigation of different parameters and study of mixed-mode forced convection solar dryer equipped with a PV/T air collector	Mechanical Engineering								

Numerical analysis of a heat exchanger used in a vapour absorption refrigeration system		Mechanical Engineering						
Numerical analysis of Thermal Storage Systems for Residential and Small Commercial Retrofit Applications by using PCM		Mechanical Engineering						
Optimization of Organic Rankine Cycle (ORC) system driven by solar energy with sensible thermal energy storage		Mechanical Engineering						
A BROADCAST CONTROL SYSTEM OF HUMANOID ROBOT WIRELESS MARIONETTE STYLE		Electrical Engineering						
A COMPLETE POWER DEMAND DISTRIBUTION USING RENEWABLE ELECTRICITY GENERATION SYSTEM FOR INDIA		Electrical Engineering						
EXTENSION OF RENEWABLE ENERGY TECHNOLOGY IN INDIA: CASE OF SOLAR HOME SYSTEM IN RURAL REGIONS		Electrical Engineering						
WSN BASED INTELLIGENT CONTROL SYSTEM FOR SERICULTURE		Electrical Engineering						
SOLAR ENERGY REVIEW IN INDIA		Electrical Engineering						
THE NEW EUROPEAN RENEWABLE ENERGY DIRECTIVE OPPORTUNITIES AND CHALLENGES FOR PHOTOVOLTAIC		Electrical Engineering						
SOLAR POWER SATELLITE SOLAR ENERGY HARVESTING		Electrical Engineering						
INAUGURATION OF NEAT LIVING ENVIRONMENT CONTROL SYSTEM		Electrical Engineering						
SYNTHESIS OF GRAPHENE NANOSHEETS BY ELECTROCHEMICAL METHOD USING SOLAR ENERGY		Electrical Engineering						
THE COOPERATIVE IoT AUTHORIZED SMART GRID		Electrical Engineering						
A SOLAR POWERED RECONFIGURABLE INVERTER TOPOLOGY FOR AC/DC HOME WITH FUZZY LOGIC CONTROLLER		Electrical Engineering						

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Jamming attack detection in a pair of RF communicating vehicles using unsupervised machine learning	Santosh Kumar Sharma, Jharana Das Adhikari, Jhalaka Hota	Computer Science & Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Lifshitz transition: Fe by intuition of Se	Bikash Mohapatra, Samarsh Mishra, Bhavesh Kumar Dadhich, Nilambari Panda	Basic Science & Humanities	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Medium Access Control in a Network of Ad Hoc Mobile Nodes with Heterogeneous Power Capabilities	Pravat Routray, Nirupama Tripathy, Radha Mohan Acharya, Ipsit Joshi	Computer Science & Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Preparation of Nickel Nanoparticles by Intramolecular Reaction of Nickel (II) Hydrazine Complex in the Solid State at Room Temperature	Rabi Panigrahi, Muktanjali Mishra, Sanjaya Kumar Mahapatra, Shubhangi Gopalrao Patil	Basic Science & Humanities	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Detection from the digitized X-ray mammograms based on the =deep active learning	Pragyan Paramita Swain, Anil Kumar Dagar, Flora Das, Kailash Chandra Rout	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Change of Mechanical behavior of a compacted well-graded granular material with and without cement	Devi Prasad Singh, Jyoti Prakash Das, Amlan Pattnayak, Subhankar Shibajyoti Puhon	Civil Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Testing the Wear of Cultivat or Coulters in Forced with Cemented-Carhide Plates	Anjan Kumar M. U., Amarnath Nayak, Smita Sahoo, Smrutranjan Pradhan	Civil Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Fourier transform to signal processing on graphs	Sampad Kumar Pradhan, Yubaketa Seta, Rakesh Kumar Sadangi, Itendra Mishra	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
A Remark on Approximating Permanents of Positive Definite Matrices	Ashutosh Mahapatra, Ranjana Pradhan, Sunita Priyadarshini, Bibekananda Biswal	Basic Science & Humanities	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Reinforced concrete and steel fiber as a building material	Deepika Priyadarshini Palai, Santosh Kumar Sahu, Shradhananda Ghadei, Rajesh Kumar Swain	Civil Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Hierarchical Routing For Multi-Layer Ad-Hoc Wireless Networks With Uavs	Namrata Khamari, Basant Kumar Prusty, Aparimita Swain, Ashish Singh	Computer Science & Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
Ad Hoc Wireless Networks Key Management for Heterogeneous	Chandar Sekhar Das, Ashok Muduli, Satyabrata Das, Rasmi Sarangi	Computer Science & Engineering	International Journal of Research in Engineering and Science	2017	2320-9364	www.ijres.org		UGC Care
A Knowledge Based Supervisor for a Surveillance Robot	Jyostnarani Tripathy, Anil Kumar Mishra, Gyanendra Kumar Pallai & Sushree Sangita Jena	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Advancement of an Integrated Personal Thermal Comfort Assessment System (IPTCAS)	Ayusman Nayak, Asutosh Sahu, Bhagyashree Panda & Prateek Das	Mechanical Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Dependence of Universe Deceleration Parameter on Cosmological Constant: Mechanism of Vacuum Pressure Excitation by Matter	Parshuram Sahoo, J. P. Tripathy, Prangya Swain, & Sujata Nayak	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Face Tracking Algorithm for Tracking Target in WSN	Rajesh Kumar Pati, G Samba Siva Rao, Sushree Madhusmita Behera and Sachikanta Patil	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Metal Oxide Nanoparticles for the Removal of Heavy Metal Ion from Industrial Waste Water: A Review	Amar Kumar Das, Asmeeta Jagdev, Prakash Katdare and Babita Meher	Mechanical Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Multilevel Inverter with Optimal THD through the Firefly Algorithm	Ajit Kumar Satpathy, Chakradhar Pradhan, Ipsita Pahi and Anjan Kumar Sahoo	Electrical & Electronics Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
A Review of Ethernet Passive Optical Network	Jyostnamayee Behera, Kaustav Das, Swaha Pattnaik and Priya Chandan Satpathy	Electronics and Communication Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Outlier Revealing in WSN based on Ranking and Clustering Technique	Pratyush Ranjan Mohapatra, Prakash Chandra Jena, Vidya Mohanty and Subhalaxmi Nayak	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Smart Community Efficient Energy Management by Exploiting Heuristic Optimization Algorithms	Jyostnarani Tripathy, Satyabrata Dash, Pravat Routray and Pravat Kumar Routray	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2017	2231-5268	www.ijcsms.com		UGC Care
Optical Effects in the Active Layer of Organic Solar Cells with Embedded Noble Metal Nanoparticles	Deepak Sahoo, Shubha Laxmi Parida & Uma Parida	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care
Synthesis and Study of Composite Organic Silica Sorption Materials	Soumya Ranjan Swain & Soumendra Padhi	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care
Analyzing Jane Austen's Pride and Prejudice as Historical Fiction: An Interdisciplinary Approach to Understanding Social Differentiation in 19th Century Regency Era	Swagatika Panda, Dr. Priyadarshi Biswal & Ratnamanjari Das	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care
Affirmation of Humanity amidst Violence: A Study of Select Partition Stories	A Manisha, Arunima Panda & Sikha Kanungo	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care
Euler Type Partial Differential Operators on Real Analytic Functions	Nilambari Panda, Ranjana Pradhan	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care
Cauchy problem for the nonlinear Klein-Gordon equation coupled with the Maxwell equation	Smita Das, Dr. Arjun Singh & Tarini Prasad Satapathy	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care
The Power Series Method for Nonlocal and Nonlinear Evolution Equations	Dr. Madhaba Chandra Rout, Dr. C. K. Sharma & Itishree Swain	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care
Impact of thermophoresis on nanoparticle distribution in nanofluids	Srinibas Mandal, Dr. Paramananda Jena & Satyanarayan Behera	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com		UGC Care

Linking Abusive Supervision to Employee Engagement and Exhaustion	Biswajita Das, Richa Parida & Sasmita Sahoo	Basic Science & Humanities	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
Experimental Study on Properties of Concrete by Using Glass and Steel Fibers	Osin Sanghamitra Patel, Kalyan Kumar Samal, Swarup Sahoo & Samaptika Mohanty	Civil Engineering	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
A Model Study of Greywater Treatment and Reuse	NILGRIB MOHANTY, ASHISH KUMAR BEHERA, SATYAPRAKASH MISHRA & Dr.CHANNABASAVARAJ WOLLUR	Civil Engineering	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
Container-Based MI Services in Cloud Environment to Improve Network Performance & Deployment	Amiya Kumar Sahoo, Amit Kumar Jha, Ashis Acharya & Rakhi Jha	Computer Science & Engineering	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
A Secure Framework for Virtual Firewall: A New Approach	Prakash Dehury, Sidhanta Kumar, Balabantaray, Subrat Dash & Srimanta Mohapatra	Computer Science & Engineering	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
Social Networking Site Design for Educational World and E-Pen As Control System	Nilamani Samal, Major Das, Arabinda Dash & Prasanna Kumar Chhotaray	Computer Science & Engineering	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
A Brief Overview on Data Mining	JUI PATTANAİK, SUDESH KUMAR PATEL, RASMI SARANGI & RAKHI JHA	Computer Science & Engineering	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
A Review on Modified Teen Protocol to Improve the Network Lifetime of WSN	JHALAKA HOTA, UMAKANTA DASH, BIRAJA NAYAK & PRASANNA KUMAR CHHOTARAY	Computer Science & Engineering	International Journal of Computational Engineering Research	2017	2250 – 3005	www.ijeronline.com	UGC Care
Applications of Nanotechnology in Communication Engineering	PRASANTA KUMAR SAHOO, ASHEERBAD PUHAN, SMRUTI SAMANTRAY & SUPRIYA NAYAK	Electronics and Communication Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Brushless DC Motor Controlled by using Internet of Things	DEBASISH MISHRA, PINAKI PRASANNA SRICHANDAN, SUBHRAJIT SAHOO & J.UDAY BHASKAR	Electrical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Comparison between Speed Control DC Motor Using Genetic Algorithm and PSO-PID Algorithm	SUNIL KUMAR MAHAPATRO, RAJIB LOCHAN BARIK, ANIL SAHOO & SUBHENDU SAHOO	Electrical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Design and Simulation of LUO Converter for DC Motor Control For An Electric Vehicle Applications	AJANTA PRIYADARSHINEE, ALEKHA SAHOO, PRATIK MOHANTY & PRAJINADIPTA SAHOO	Electrical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Design of 1 KW DC Motor	DILIP KUMAR NAYAK, SANDIP KAR MAZUMDAR, ACHYUTANANDA PANDA & CHINMAYA RANJAN PRADHAN	Electrical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Power Factor Correction Fed DC Motor with Bridgeless SEPIC Converter	SANAM DEVI, SOUMYA DATTA MOHANTY, SATYAJIT NAYAK & BALAGONI SAMPATH KUMAR	Electrical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Detection Of Short-Circuits Of DC Motor Using Thermographic Images, Binarization and K-Nn Classifier	HIMANSU SEKHAR MAHARANA, SANJAY KUMAR NAYAK, SUNITA BARAL & CHINMAYA RANJAN PRADHAN	Electrical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Optimum path planning of mobile robot in unknown static and dynamic environments using Fuzzy-Wind Driven Optimization algorithm	Dr. Sarat Kumar Mishra, Prakhar Kharwar, Nalinikanta Swain & Kalpana Mallick	Mechanical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Strata movement and stress evolution when mining two overlapping panels affected by hard stratum	Alok Sunder Mohanty, Aliva Mohanty, Goutam Mishra & Dr. K. C. Singh	Mechanical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Effects of coal seam dip angle on the outburst in coal roadway excavation	Tapan Kumr Mohanty, Niraj Kumar, Anil Panda & Dr. B. S. Patra	Mechanical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Navigation Path Analysis of Mobile Robot Using Hybrid Neuro- Invasive Weed Optimization Technique	Bidyuta Ranjan Rout, Rajendra Prasad Sahu, Biswajit Mohapatra & Dr. Pradyut Kumar Swain	Mechanical Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijeronline.com	UGC Care
Generation of Second harmonic in periodically poled silica	Rakesh Mutukuru, Subhasmita Panigrahi, Ipsita Samal, Sanghamitra Rout	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Electrochemistry remote experiment - galvanic cell - II	Arun Kumar Rath, Prakasini Pradhan, Subhasish Mohanty, Aruna Kumar Rout	Electrical Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
A Permanent Magnet Synchronous Motor for Traction Applications of ElectricVehicles	Smrutiranjana Nayak, Shaguftha Shahnaz, Debendra Kumar Sahoo, Smitasree Jena	Electrical Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Detailed Analysis of DC Choppers and an Example of PMDC Motor Speed Control	Irani Majumdar, Arun Kumar Jena, Abhishek Mohanty, Poonam Tripathy	Electrical & Electronics Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Parametric Optimization and Taguchi Application of bead geometry and HAZ width in submerged arc welding using a mixture of fresh flux and fused flux	Prajna Kar, Jayashree Behera, Jagdish Pradhan, Saradendu Bhujabal S. Sarkar, B. Naik	Mechanical Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Investigations and Analysis in Wire Electrodes for High Performance WEDM	Deepikarani Swain, Chandan Kumar Pradhan, Smrutirekha Giri, Kabi Sahoo	Mechanical Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Model prediction of angular error in wire EDM taper-cutting	Nitish Kumar, Niranjan Behera, Suraj Kumar Patel, Sourav Prakash Pradhan	Mechanical Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
A Python-based laboratory course for image and video signal processing on embedded systems	K.P.Senthil Kumar, Jhana Ranjan Sahoo, Ankita Panda, Rashmiprava Mishra	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Study on surface integrity of Ti-6Al-4V machined by WEDM	Ranjan Kumar, Pallavi Parimita, Chandrabhanu Malla, Satyakam Acharya S. Sarkar	Mechanical Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care

Implementation of MATLAB Modular Processing System for Biological Signals	Janmoni Borah, Rakesh Roshan Dhar, Madhulita Mohapatra, Sallia Mallia	Electronics and Communication Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Power Quality Problems and Improvement Techniques	Sthita Prajna Mishra, Sudhansu Sekhar Sahoo, Sanjeev Kumar Mishra, Dheeraj Kumar	Electrical and Electronics Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
Advances of Wire electric discharge machining of titanium alloy	Shashi Ranjan Mohan, Kalpana Mallick, Avaya Kumar Ballarsingh, Sanjib Kumar Das	Mechanical Engineering	International Journal of Research in Engineering and Science	2018	2320-9364	www.ijres.org	UGC Care
MHD Flow and Mass Transfer of Casson Fluid Past a Stretching Cylinder in a Porous Medium	K. Swain, Suchismita Pradhan, Richa Parida and Bhavesh Kumar Dadhich	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsms.com	UGC Care
Magneto hydrodynamic Flow and Heat Transfer of Nanofluid over a Stretching Sheet with Slip Boundary Condition	K. Swain, P.K. Acharya, Rajesh Satapathy and Banambhar Sahu	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsms.com	UGC Care
Fluid over a Stretching Sheet with Uniform Heat Source	K. Swain, P.K. Acharya, Chandra Sekhar Otta and Banambhar Sahu	Basic Science & Humanities	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsms.com	UGC Care
PRAGMATIC MODEL FOR REAL TIME PROCESSING FOR INTERNET OF THINGS (IOT)		Computer Science & Engineering					
PLAN AND DEVELOPMENT OF A SMART CLINICAL TOILET IN HOME BY USING BIO-SENSOR, BIO-ELECTRONICS AND IOT		Computer Science & Engineering					
A MINI REVIEW ON BIG DATA ANALYTICS TOOLS, TRENDS AND CHALLENGES		Computer Science & Engineering					
GREEN WORLD: GREEN INTERNET OF THINGS (G-IOT) COVERING TECHNOLOGIES FOR SMART ENVIRONMENT AND AS A SCIENTIFIC ENABLER OF GREEN DEVELOPMENT		Computer Science & Engineering					
REVIEW ON THREATS IN IOT SECURITY		Computer Science & Engineering					
INTERNET OF THINGS AND BIG DATA ANALYTICS IN BLOOD BANK SUPPLY CHAIN MANAGEMENT		Computer Science & Engineering					
Detection of COVID-19 using Lung CT Image Segmentation using Deep Learning Methods		Computer Science & Engineering					
Image processing of multimodal emotional behaviors and application: validating the annotation of TV interviews		Electronics and Communication Engineering					
DISTRIBUTED MULTICLUSTER SYSTEMS USING IMAGE PROCESSING		Electronics and Communication Engineering					
APPLICATION AND USE OF W-BAND SEEKER ANTENNA		Electronics and Communication Engineering					
COMPACT SIZE UWB MONOPOLE ANTENNA WITH GROUND DEFORMITIES		Electronics and Communication Engineering					
Application of Microstrip Patch Antenna for Microwave Communication		Electronics and Communication Engineering					
Use of Micro-Strip Patch Antenna to Enhance Impedance Bandwidth for UWB Wireless Applications		Electronics and Communication Engineering					
USE OF DIGITAL IMAGE PROCESSING ON GLASS DEFECT DETECTION		Electronics and Communication Engineering					
DESIGN AND APPLICATION OF A RADIO FREQUENCY IDENTIFICATION TAG ANTENNA USING A CORRUGATED MEANDER LINE		Electronics and Communication Engineering					
DESIGN AND APPLICATION OF A SHORT/OPEN-ENDED SLOT ANTENNA WITH FEED STRIPS MOBILE APPLICATION		Electronics and Communication Engineering					
2D Materials & their Van Der Waals Heterostructures		Electronics and Communication Engineering					
APPLICATION OF WIRELESS SENSOR NETWORK TECHNOLOGY AND IMPROVEMENT		Electronics and Communication Engineering					
Wireless Energy-Harvesting Sensor Applications Using Wireless Local-Area-Network		Electronics and Communication Engineering					
Application of Triple-band Slot Antenna Array for Energy Harvesting		Electronics and Communication Engineering					
Study of hybrid photovoltaic thermal solar systems and analysis it's characterisation under various climate		Mechanical Engineering					
Study of the natural ventilation of three different types of greenhouses applied for agricultural productions		Mechanical Engineering					
Study of the novel water injected polycarbonate and impact of green house condition		Mechanical Engineering					
Study of tunnel dryer for drying potato chips		Mechanical Engineering					
Theoretical analysis of a Solar Air Collector for an Indirect Solar Dryer by conducting Pear Drying Test.		Mechanical Engineering					
Theoretical analysis of Biomass based activated carbons for fuel cells		Mechanical Engineering					
Thermodynamic analysis of solar dryer using PCM		Mechanical Engineering					
Thermodynamic analysis of CCHP system with cool thermal storage for a data centre		Mechanical Engineering					
Vapour absorption refrigeration system by using PVT-CPC thermal model		Mechanical Engineering					
Various refrigeration system analysis and study of it's cost analysis		Mechanical Engineering					

Verification of a solar-based multi-generation energy plant integrated with heat recovery and thermal energy storage systems		Mechanical Engineering						
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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
A Decision Making Framework for Surveillance Robots using MDP and POMDP	Sujit Panda, Anil Kumar Mishra, Sachikanta Pati, and Sushree Sanjeeta Jena	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsm.com		UGC Care
A Knowledge Based Supervisor for a Surveillance Robot	Sujit Panda, G Samba Siva Rao, Rakhi Jha and Swarna Manjari Samal	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsm.com		UGC Care
Current Machine Learning Techniques Used in Manufacturing Diagnosis	Nibedita Sahoo, Lasmi, Santosh Kumar Sharma and Jhalaka Hota	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsm.com		UGC Care
Deep Learning Based Software Fault Prediction	Nibedita Sahoo, Prakash Chandra Jena, Amiya Kumar Sahoo & D. Bright Anand	Computer Science & Engineering	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsm.com		UGC Care
The Effect of Charging Hybrid Electric Vehicles on a Distribution System	Rojalin Rout, Bihabri Pattojoshi, Binod Ku Padhi and Sunil Kumar Tripathy	Electrical Engineering	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsm.com		UGC Care
Strength and Durability of Styrene Butadiene Latex Modified Concrete	Ankit Jena, N. Victor Babu, Osin Sanghamitra Patel, Saleema Panda	Civil Engineering	International Journal of Computer Science and Management Studies	2018	2231-5268	www.ijcsm.com		UGC Care
Structural Analysis of Powdered Manganese of 1, 10-Phenanthroline (PHEN) as Ligand and Trifluoroacetate (TFA) as Counter anion	Soumya Ranjan Swain, Suchismita Sarangi & Bikash Sarangi	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Green Technique for Quantification of Phenols in Wastewater (A Review)	Soumya Ranjan Swain, Suchismita Sarangi & Bikash Sarangi	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Investigation of Electrochemical Behaviour of Chromium(VI)-dithiocarbamate Complexes Detection of Chromium(VI) in Real Samples	Samit Kumar Acharya, Shilpa Pradhan & Bikash Sarangi	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Emulsion Liquid Membrane Design in vitro for Removal of Lead from Aqueous Solution	Jayanti Kalita & Shilpa Pradhan	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Soft Skills Training Programme: Evaluation of Engineering Students' Expectations and Experience	Bhabani Shankar Behera, Minushree Pattnaik & Dr. Priyadarshi Biswal	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Integrating Language and Literature in English Teaching: A Critical Study	Swagatika Panda, Mitarani Dalei & Shilpa Parida	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Reaching Out: A Historical Overview of the Evolution of Non Verbal Communication	A Manisha & Rashmi Sahoo	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
A Review Paper on Modern Developments in Production and Operations Management	Abani Kumar Muduli, Rakesh Parida, Priyadarshini Das & Sasmita Sahoo	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Research paper on Inventory management system	Chinmaya Sahoo, Shilpa Parida & Jaya Prakash Rath	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Magnetic curves in tangent sphere bundles II	Dr. Madhava Chandra Rout & Pravas Chandra Dash	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Tingley's problem through the facial structure of operator alebras	Prangya Swain, Arunima Panda, Dr. C K Sharma & Tarini Prasad Satapathy	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Surjectivity of Euler Operators on Temperate Distributions	Smita Das & Sushree Shubhrangi	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Interpolation sets in spaces of continuous metric-valued functions	Chandra Sekhar Otta & Sushree Shubhrangi Behera	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Surface Modification of Porous Titanium with Rice Husk As Space Holder	Jitendra Kumar Kar, Anchal Paramguru & Dr. Paramananda Jena	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Study on Intrinsic Characteristics of Coal Samples in Failure Process under Uniaxial Loading	Srinibas Mandal, Swagatika Das & Dr. Paramananda Jena	Basic Science & Humanities	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Use of Greywater and its Treatment – An overview	Dr. Raghupatruni Bhima Rao, Devi Prasad Singh, Satyaprakash Mishra & Sushanta Kumar Nayak	Civil Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Strength and Ductility Test of FRP Strengthened Corrosion Damaged RC Columns	Shradhananda Ghadei, Deepika Priyadarshini Palai, Alivasakhi Mishra & Kalal Kumari Nayak	Civil Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Partially Set Recycled Aggregate Concrete: An Experimental Study	Amilan Pattnayak, Samaptika Mohanty, Bijayalaxmi Behera & Nikhil Prasad Dash	Civil Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Impact Analysis of Cement on Rain Water	Smita Sahoo, Binoda Bihari Sahoo, Raushan Gupta & Md Aras Ansari	Civil Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Review of Recycling Of Waste TYRE Rubber Deposits in Airfield Runway	Atul Kumar Mallik, Subhalpisa Pradhan, Biswa Ranjan Pradhan & Swatisree Mohanty	Civil Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
Improvement of Subgrade Soil by Glass Powder Waste	Baroda Prasanna Sahoo, Anjan Kumar M. U., Kankan Mandal & Satwik Mallik	Civil Engineering	International Journal of Computational Engineering Research	2018	2250 – 3005	www.ijceronline.com		UGC Care
A Fuzzy Based Separately Excited DC Motor	Debdendra Kumar Sahoo, Sangram Keshari Sahoo, Anil Sahoo & Pinaki Prasanna Srichandan	Electrical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Load Trimming Scheme for Overload Protection of Power Transformer	Sanam Devi, Irani Majumdar, Sudipt Mandal & Prakasini Pradhan	Electrical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Advanced Vehicle Parking Using PLC	Dilip Kumar Nayak, Sasmita Sahoo, Pratik Mohanty & Chandramouli Pradhan	Electrical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Induction Motor Speed Control Using PLC & SCADA	Aravinda Mahapatra, Sitaram Mahato, Satyajit Nayak & Uma Parida	Electrical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Overhead Line Protection with Automatic Switch by Using Plc Automation	Himansu Sekhar Maharana, Anjan Kumar Sahoo, Achyutananda Panda & Rajib Lochan Barik	Electrical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Artificial Neural Network Approach to Dissolved Gas Analysis for Interpretation of Fault in Power Transformer	Baidyanath Mohanty, Md Umar Faruk, Sunita Baral & Alekha Sahoo	Electrical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Analysis and Simulation of Adaptive Power System with Dc Motor Type Dynamic Loads	Abhishek Mohanty, Rashmi Ranjan Behera, Romeo Jena & Pratiba Barik	Electrical & Electronics Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Navigation of humanoid robot in obstacle prone zone using fuzzy intelligent technique	Dr. Sarat Kumar Mishra, Deepikarani Swain, Nalinikanta Swain & Debi Rasad Singh	Mechanical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
D-Shaped Casing filled Fragmentation under Eccentric Initiation Explosion	Smrutirekha Giri, Ranjan Kumar, Sarwati Nayak & Chhimey Swain	Mechanical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Dynamic Mechanical Properties Analysis of High Nitrogen Steels	Awaya Kumar Ballarisingh, Subbasis Sarkar, Sidharth Pradhan & Rajaram Sahu	Mechanical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
The fragmentation of D-shaped casing filled with explosive under eccentric initiation	Chandrabhanu Malla, Shakyasingha Sahoo, Abinash Sahoo & Niraman Behera	Mechanical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care
Path Planning analysis of Humanoid Robots using Neural Network Methods	Jagdish Pradhan, Hiemant Ku Nayak, Priyabrata Jena & Kalpana Mallick	Mechanical Engineering	International Journal of Computational Engineering Research	2019	2250 – 3005	www.ijceronline.com		UGC Care

RANDOMLY DISTRIBUTED FIBER REINFORCED SOIL FOUNDATIONS SUBJECTED TO AXIALLY OBLIQUE LOADING		Civil Engineering						
RANDOMLY DISTRIBUTED FIBER-REINFORCED SOIL		Civil Engineering						
REAPPRAISAL OF LIME STABILIZATION OF SOILS		Civil Engineering						
REPLACEMENT OF FINE AGGREGATE WITH WASTE STEEL TO IMPROVE THE SLAG STRENGTH OF GEOPOLYMER CONCRETE		Civil Engineering						
SILTY SOIL STABILIZATION WITH LIME AND RICE HUSK ASH AND REINFORCED WITH WASTE PLASTIC FIBER		Civil Engineering						
SOIL STABILIZATION OF BLACK COTTON SOIL USING LIME		Civil Engineering						
SOIL STABILIZATION OF LIME-FLY ASH- EXPANSIVE SOIL USING WTR REINFORCEMENT		Civil Engineering						
SOIL STABILIZATION USING LIME		Civil Engineering						
STABILIZATION OF RED MUD-FLY ASH MIXES USING DOLIME FINE		Civil Engineering						
STABILIZATION OF BLACK COTTON SOIL USING LIME		Civil Engineering						
STABILIZATION OF BLACK COTTON SOIL WITH STONE DUST AND FIBERS		Civil Engineering						
STABILIZATION OF COHESIVE SOILS UNDER EFFECT OF NATURAL POZZOLLAIC ASH AND LIME		Civil Engineering						
STABILIZATION OF EXPANSIVE SOIL BY LIME AND REINFORCEMENT		Civil Engineering						
STUDY OF COMPACTION AND CONSOLIDATION BEHAVIOR OF SOIL REINFORCED WITH WASTE PLASTIC FIBRES		Civil Engineering						
STUDY OF COMPACTION AND STRENGTH PROPERTIES OF EXPANSIVE SOIL UNDER INFLUENCE OF FLY ASH, LIME, AND POLYESTER FIBERS		Civil Engineering						
STUDY OF COMPRESSIBILITY AND HYDRAULIC CONDUCTIVITY CHARACTERISTICS OF A CHEMICALLY TREATED EXPANSIVE CLAY		Civil Engineering						
Study of Consolidation Characteristics of Fiber Reinforced Cohesive Soil		Civil Engineering						
STUDY OF ENGINEERING BEHAVIOUR OF EXPANSIVE CLAYS DUE TO ADDITION OF LIME		Civil Engineering						
STUDY OF ENGINEERING PROPERTIES OF CLAYEY SOIL DUE TO ADDITION OF POLYPROPYLENE FIBRE AND LIME ADMIXTURE		Civil Engineering						
STUDY OF FIBER REINFORCED- FLY ASH STABILIZED EXPANSIVE SOIL AS SUBGRADE MATERIAL IN FLEXIBLE PAVEMENT		Civil Engineering						
QISB PROTOCOL IN MOBILE AD HOC NETWORKS		Computer Science & Engineering						
VISUALIZATION AND VISUAL ANALYTICS		Computer Science & Engineering						
INVESTIGATION OF IOT AWARENESS AMONGST THE TOP LEVEL MANAGEMENT PERSONNEL IN MANUFACTURING INDUSTRY		Computer Science & Engineering						
Use Of Internet Of Things (Iot) In Logistics Industry		Computer Science & Engineering						
Checking System of Dust and Humidity in Environment utilizing Arduino and Internet of Things		Computer Science & Engineering						
A STUDY ON LPG OUTFLOW DETECTION AND VIGILANT WARNING USING IOTA STUDY ON LPG OUTFLOW DETECTION AND VIGILANT WARNING USING IOT		Computer Science & Engineering						
THE NETWORK: PERFORMATIVE STRATEGIES FOR PLAYING APART		Computer Science & Engineering						
Rule-based intrusion detection system		Computer Science & Engineering						
CharmFL: A Fault Localization Tool		Computer Science & Engineering						
S-CRM: A Cell Generalization Principle		Computer Science & Engineering						
Case study on IOT Malware		Computer Science & Engineering						
COMPLEMENTARY METAL OXIDE SEMICONDUCTOR IMAGE SENSOR USING FIELD EFFECT TRANSISTOR TYPE PHOTODETECTOR FOR HIGH-SPEED BINARY OPERATION		Electronics & Communication Engineering						
Predicting Telecommunication Equipment Failures from Sequences of Network Alarms		Electronics & Communication Engineering						
APPLICATION ON DESIGN OF MULTIBAND TRIANGULAR SLOT RECTANGULAR PATCH ANTENNA		Electronics & Communication Engineering						
APPLICATION AND RESEARCH STUDY OF WIRELESS SENSOR NETWORK		Electronics & Communication Engineering						
PARASITIC PATCH ANTENNA APPLICATIONS ON WIRELESS COMMUNICATION		Electronics & Communication Engineering						

APPLICATION OF COMPACT DUAL BAND PATCH ANTENNA WITH ENHANCED BANDWIDTH		Electronics & Communication Engineering						
HARDWARE DEVELOPMENTS FOR APPLICATIONS OF IMAGE PROCESSING		Electronics & Communication Engineering						
FLEXIBLE DYE-SENSITIZED SOLAR CELL BASED ON PRE-DYED ZINC OXIDE NANOPARTICLE		Electronics & Communication Engineering						
AI Car Convolutional Neural Networks and Object Detection		Electronics & Communication Engineering						
SYNTHESIS OF POROUS FIBER-FROM COTTON TEMPLATE AS LITHIUM ION BATTERY ANODES		Electronics & Communication Engineering						
DIFFERENT ESTABLISHMENT METHODS OF ASSESSMENT OF ENERGETICS OF RICE WITH IRRIGATION AND NITROGEN MANAGEMENT PRACTICES		Electronics & Communication Engineering						

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal/Digital Object		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
Using PLC Automation for Overhead Line Protection with Automatic Switch	Sagarika Patro, Prativa Barik, Romeo Jena And Subhendu Sahoo	Electrical & Electronics Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Comparison between Speed Control DC Motor Using Genetic Algorithm and Pso-Pid Algorithm	Ipsita Pahi, Smruti Ranjan Panda, Manoj Mohanta and Chinmaya Ranjan Pradhan	Electrical & Electronics Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Brushless DC Motor Controlled by using Internet of Things	Sanjeev Kumar Mishra, Swadesh Ranjan Jena, Laxminarayan Mishra and Prajnadipta Sahoo	Electrical & Electronics Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Exergy and Energy Investigation of a Thermal Power Plant Boiler	Swarna Manjari Samal, Prithviraj Nayak, Subhrajit Sahoo & Pranay Rout	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
WIRELESS DATA MONITORING AND FAULT IDENTIFICATION BY USING IoT IN THERMAL POWER PLANT	Debasish Mishra, Alekha Sahoo, Pratik Mohanty & Smruti Ranjan Nayak	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
FORMAL REQUIREMENTS FOR MICROGRID USING KAOS AND REFERENCE ARCHITECTURE	Sunil Kumar Mahapatra, Shashi Bhusan Mohanty, Anil Sahoo & Arun Kumar Rath	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Control and Analysis of Microgrid Frequency Droop with Fuzzy based WECS with EV	Dillip Kumar Nayak, Pravas Behera, Siba Prasad Senapati and Balagani Sampath Kumar	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Analysis and Simulation of Adaptive Power System with DC Motor Type Dynamic Loads	Sanam Devi, Kamal Samal, Sudipt Mandal and Rashmi Ranjan Behera	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
A Fuzzy Based Separately Excited DC Motor	Himansu Sekhar Maharana, Bikash Ranjan Dash, Irani Majumdar & Achyutananda Panda	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Energy/Fuel Efficient and Enhanced Robust Systems Demonstrated with Developed Fractional Order PID Controller	Sunil Kumar Tripathy, Srikanta Pradhan & Satyajit Nayak	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Advanced Vehicle Parking Using PLC	Aravinda Mahapatra, Dipak Kumar Sahu & Soumya Mohanty	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Induction Motor Speed Control Using PLC AND SCADA	Baidyanath Mohanty, Mahendra Kumar Sahoo & Sunita Baral	Electrical Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
NANOTECHNOLOGY: APPLICATIONS IN COMMUNICATION ENGINEERING	Priya Chandan Satpathy, Madhusudan Das, Prangya Paramita Padhi & Madhusmita Mohanty	Electronics and Communication Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Nano Antenna Design for Optical Frequencies	Ipsita Samal, Prakash Kumar Behera, Sulochana Nanda & V. Raja	Electronics and Communication Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
MODELLING OF A CDMA2000 TO EMULATE A WIRELESS CHANNEL	Ankita Panda, Soumya Mishra, Malaya Tripathy & Dr. S. Sivaskathiselvan	Electronics and Communication Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
UCSD BASED TECHNIQUE USED VLSI ARCHITECTURE FOR DISCRETE WAVELET TRANSFORMATION	Rakesh Kumar Sadangi, Abhishek Das, Manoranjan Sahoo & Swaha Pattnaik	Electronics and Communication Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
RTL DESIGN OF RUN-LENGTH ENCODING USING VERILOG HDL	Flora Das, Sambhunath Biswas, Smruti Samantray & Supriya Nayak	Electronics and Communication Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
CYBER SECURITY AND ITS RISKS: A DETAILED STUDY	Sushree Madhusmita Behera, Sachikanta Pati, Ashis Acharya & Rajesh Tripathy	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
INTEGRATION OF CLOUD COMPUTING WITH INTERNET OF THINGS	Pratyushbhanu Khuntia, Rakhi Jha, Subrat Dash & Niladri Bhusan Biswal	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
QUALITY METRICS VALIDATION FOR THE COST EFFICIENCY MODELS IN DATA WAREHOUSE	Vidya Mohanty, Rashmita Panigrahi, Arabinda Dash & Nikunja Bihari Kar	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Cloud Computing Integrated E-Learning: The Next Generation Technological Learning	Nilamani Samal, Subhalaxmi Nayak, Anita Subudhi & Binayini Pradhan	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
LOG ANALYSIS TECHNIQUES: A BRIEF STUDY	Jui Pattanaik, Santosh Kumar Sharma, Purnya Prava Nayak & Manisha Pradhan	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
COMPOUND PREDICATES TESTING USING PREDICATE-BASED STRATEGIES	Satyabrata Das, Namrata Khamari, Biraja Nayak & Susmita Mohapatra	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
RAINFALL PREDICTION USING REGRESSION AND MULTIPLE ALGORITHMS	Jhalaka Hota, Prasanna Kumar Chhotaray, Ashish Singh & Premananda Sahu	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
CYBER-ATTACK: A DETAILED SURVEY	Aparimita Swain, Srimanta Mohapatra, Ipsit Joshi & Shriram Agarwal	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care
Controlling Regional Development Project by Utilizing GPS Technology	Radha Mohan Acharya, Pravat Routray, Rasmi Sarangi & Ashok Muduli	Computer Science and Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com		UGC Care

ROADS AND AIRFIELDS CONSTRUCTION USING FIBER STABILIZATION OF SANDS	Dr.Raghupatruni Bhima Rao, Sikendar Sharma, Biswa Ranjan Pradhan & Saleema Panda	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Mechanistic Approach for Fiber-Reinforced Flexible Pavements	Nilanchala Swain, Barsa Priyadarshini Sahoo, Bipash Mohanty & Dr. S. C. Mishra	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Influence of Fly Ash, Lime, and Polyester Fibers on Compaction and Strength Properties of Expansive Soil	Akashprava Panda, Mdaras Aras Ansari, Jagruti Swain & Dr.Jyotikusum Acharya	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Lime Stabilization of Soils: Reappraisal	Nilgrib Mohanty, Binapani Mohapatra, Shradha Jena & Deepika Priyadarshini Palai	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Effect of waste tire cord reinforcement on unconfined compressive strength of lime stabilized clayey soil under freeze-thaw condition	Shradhananda Ghadei, Saruk Mallick, Satyaprakash Mishra and Dr. Suryaleen Rout	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Analysis of effect of polypropylene fibre and lime admixture on engineering properties of clayey soil	Amlan Pattanayak, Anand Mandal, Alivasakhi Mishra and Sudeepta Kishor Dash	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Effect of polypropylene fibres on the mechanical strength of a soft soil, artificially stabilized with binders	Smita Sahoo, Sidhanta Behera, Bijayalaxmi Behera and Binoda Bihari Sahoo	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Effects of monovalent and divalent metal sulphates on consistency and compaction of lime-stabilized kaolinite	Atul Kumar Mallik, Shradhanjali Moharana, Raushan Gupta & Suchampa Bagchi	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Compressibility and hydraulic conductivity of a chemically treated expansive clay	Baroda Prasanna Sahoo, Monalika Mohanty, Kankan Mandal & Devi Prasad Singh	Civil Engineering	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Hidden physics models: Machine learning of nonlinear partial differential equations	Bhabesh Kumar Dadhichi, Ratnamanjari Das, Anchal Paramguru & Namrata Pattanayak	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Mechanics of Mass Formation from Dark Energy	Jitendra Kumar Kar, Ripunjai Kumar Shukla, Bibekananda Biswal & Bijaya Kumar Patra	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Nonlinear Under dense Plasma by High Intensity Laser Pulse	Srinibas Mandal and Samaresh Mishra	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Methods for the Preparation of Modified Polyorganosiloxanes : A Review	Nilesh Kumar Rout, Bikash Sarangi, Reshma Swain & Sujata Nayak	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
A review of Instruments Created to Assess Affect in Mathematics	Prangya Swain , Satyanarayan Behera, Nilambari Panda & Dr. Arjun Singh	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
ENGLISH LANGUAGE TEACHING FOR UNDERGRADUATE ENGINEERING STUDENTS: A LEARNER-CENTERED APPROACH	Khageswar Jena, Pratijna Dash, Minushree Pattnaik & Dr. Priyadarshi Biswal	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Mechanisms of Nitro Compounds Reduction : A Review	Arun Kumar Jena, Durga Devi Majhi, Dr.Shubhangi Patil & Shubha Laxmi Parida	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
SCAFFOLDING PRACTICES THAT ENHANCE MATHEMATICS LEARNING	Smita Das, Sikha Kanungo & Subrat Biswal	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
THE IMPACT OF COLONISATION: A CRITICAL STUDY OF CHIMAMANDA ADICHE'S PURPLE HIBISCUS	Shahenaz Parween, Prativa Barik, Arunima Panda & Subrat Choudhury	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Application of ABCD Analysis Framework on Private University System in India	Abani Kumnr Muduli, Pratap Kumar Pati & Minushree Pattnaik	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Liquid Fuel Production by A Catalyzed Pyrolysis of Mixing Cassava Solid Waste and Rubber Seed Oil	Deepak Sahoo, Gouri Sasmal & Rashmi Sahoo	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Mathematical modelling: transitions between the real world and the mathematical model	Laxmidhar Sahoo, Soumendra Padhi & Sushree Subangi Behera	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
IMPACT OF RACIAL DISCRIMINATION AND CLASS SNOBBISHNESS ON CHILDREN'S CHARACTERS: A LITERARY STUDY OF HARRY POTTER SERIES	Ria Pujhari & Ranjan Kumar Harichandan	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
MOBILE BANKING IN INDIA: BARRIERS IN ADOPTIONAND SERVICE PREFERENCES	Biswajita Das & Rashmi Ranjan Panigrahi	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care

Kapok Fiber-Structure, Characteristics and Applications: A Review	Soumya Ranjan Swain, Itishree Swain & Priyadarshini Das	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
THE AFFECTIVE DOMAIN IN MATHEMATICS LEARNING	Dr.Madhaba Chandra Rout, Sudam Charan Satapathy & Suchismita Sarangi	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
MURAKAMI'S AFTER DARK: FEMALE REPRESENTATION AND TRANSITION	SWAGATIKA PANDA	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Desalination of Water using Waste Food Materials	Samit Kumar Acharya & Mousumi Das Pattnaik	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Quality and Safety of the Frying oils used in small- or medium-sized Food Enterprises	Jayanti Kalia & Muktanjali Mishra	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
A Multi-Level Review of Impression Management Motives and Behaviors	Sasmita Parida, Sasmita Sahoo, Minushree Pattnaik & Subrat Choudhury	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Application of ABCD Analysis Framework on Private University System in India	Abani Kumr Muduli, Pratap Kumar Pati & Minushree Pattnaik	Basic Science & Humanities	International Journal of Engineering, Management, Humanities and Social Sciences Paradigms	2019	2347-601X	www.ijemhs.com	UGC Care
Study of Geotechnical Properties of Expansive Soil under influence of Fly Ash, Lime, and Polyester Fibers		Civil Engineering					
Study of Increase in Soil Strength Using Recron-3s Fibers		Civil Engineering					
STUDY OF LIME- FLY ASH ADMIXTURES TREATMENT WITH EXPANSIVE CLAYS		Civil Engineering					
STUDY OF MECHANICAL PROPERTIES OF KAOLINITE/FIBER SOIL COMPOSITE		Civil Engineering					
Study of Strength and Microstructure of Lime Stabilized Clay		Civil Engineering					
Study of Strength Characteristics of Cohesive Soil due to Effect of Randomly Distributed Coir Fibers		Civil Engineering					
Study of Strength Properties of Soil at Different Depth of Soil Layers due to Effects of Fiber		Civil Engineering					
Study of the Consolidation Characteristics of Fiber Reinforced Cohesive Soil		Civil Engineering					
STUDY OF THE GEOCHEMISTRY OF SOIL STABILIZATION		Civil Engineering					
Study of variation in Engineering Properties of Expansive Soils due to addition of Fly Ash		Civil Engineering					
Study of variation of CBR Values for Soil Mixed with Fly Ash and Lime		Civil Engineering					
STUDY OF VARIATION OF ENGINEERING PROPERTIES OF EXPANSIVE SOIL DUE TO ADDITION OF POLYPROPYLENE FIBRE AND LIME ADMIXTURE		Civil Engineering					
Study of Variation of Fiber Length on Polyester Fiber Reinforced Clay		Civil Engineering					
Study of variation of lime in soil stabilization		Civil Engineering					
Study of Visco-elasticity and hydraulic conductivity of a chemically treated expansive clay		Civil Engineering					
Study on the Atterberg Limit's of Expansive Soil Reinforced with Polyester Triangular Fibers		Civil Engineering					
Study on the effect of pH variations on shear strength parameters of lime stabilized clayey soils		Civil Engineering					
Study on the Effect of Polypropylene Fiber on Engineering Properties of Rice Husk Ash – Lime Stabilized Expansive Soil		Civil Engineering					
Suitability of Fiber Reinforced- Fly Ash Stabilized Expansive Soil Mixes as Subgrade Material in Flexible Pavement		Civil Engineering					
AUTOMATIC BIN COLLECTING SYSTEM BASED ON IOT		Computer Science and Engineering					

Application of IOT in Multi-Banking ATM System		Computer Science and Engineering						
Water Quality Monitoring System using IOT		Computer Science and Engineering						
Smart Campus Using IoT with Bangladesh Perspective: A Possibility and Limitation		Computer Science and Engineering						
THE IMPACT OF PIONEERING TECHNOLOGY AND INDEPENDENT AGENTS ON DIGITAL CONVERSION WITH SPECIAL REFERENCE TO BLOCK CHAIN,IOT AND AI		Computer Science and Engineering						
A vigorous Architecture for Detecting Outliers in IoT Data using a enhanced Model		Computer Science and Engineering						
IOT & Arduino Based Patient Health Monitoring System		Computer Science and Engineering						
Implementation of IOT in Cloud and Fog Computing		Computer Science and Engineering						
Use of Morphological image processing for classifying spatial patterns		Electronics and Communication Engineering						
Various applications for two-dimensional (2D) materials		Electronics and Communication Engineering						
A Survey on 5G Technology and How it will Boost IOT		Electronics and Communication Engineering						
Reconfigurable Small Satellite Radios using Advanced Wireless Communication Technologies		Electronics and Communication Engineering						
Advancements in Digital Communication Technology		Electronics and Communication Engineering						
Visible Light Communication Comparison of Analog and Digital based Voice Transmission System		Electronics and Communication Engineering						
Application and Use of Digital Communication on Social Networks		Electronics and Communication Engineering						
Application and use of Li-Fi on Data and Audio Communication		Electronics and Communication Engineering						
Application and Use of Digital Technologies Opportunities and Challenges		Electronics and Communication Engineering						

