



**MCKV INSTITUTE OF ENGINEERING  
CENTRAL LIBRARY**

**New Arrivals Journals Details**

<b>Name of the Journal</b>	Bulletin of Materials Science
<b>Frequency/ Period/Vol/Iss.</b>	Vol. 37 No. 3 May, 2014
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Studies on interfacial interactions of TiO<sub>2</sub> nanoparticles with bacterial cells under light and dark conditions</li> <li>2. Nanoscale grain growth behaviour of CoAl intermetallic synthesized by mechanical alloying</li> <li>3. Parametric characterizations in superparamagnetic latex</li> <li>4. Facile template-free hydrothermal synthesis and microstrain measurement of ZnO nanorods</li> <li>5. Structural study of nanosized yttrium-doped CaMnO<sub>3</sub> perovskites</li> <li>6. Structural, optical and photoluminescence study of nanocrystalline SnO<sub>2</sub> thin films deposited by spray pyrolysis</li> <li>7. Nanocrystalline Pt-doped TiO<sub>2</sub> thin films prepared by spray pyrolysis for hydrogen gas detection</li> <li>8. Structural, optical and electrical properties of ZnO thin films prepared by spray pyrolysis : Effect of precursor concentration</li> <li>9. Synthesis and characterization of thermally oxidized ZnO films</li> <li>10. Experiment and prediction on thermal conductivity of Al<sub>2</sub>O<sub>3</sub>/ZnO nano thin film interface structure</li> <li>11. Temperature influence and reset voltage study of bipolar resistive switching behaviour in ZrO<sub>2</sub> thin films</li> <li>12. A.c. and d.c. conduction processes in octakis[4-tert-butylbenzylthio]-porphyrinato]Cu(II) thin films with gold electrodes</li> <li>13. Zn incorporation in CuInSe<sub>2</sub> : Particle size and strain effects on microstructural and electrical properties</li> <li>14. A.c. conductivity and dielectric study of LiNiPO<sub>4</sub> synthesized by solid-state method</li> <li>15. Characterization, dielectric and electrical behaviour of BaTiO<sub>3</sub> nanoparticles prepared via titanium(IV) trietanolaminate isopropoxide and hydrated barium hydroxide</li> <li>16. Growth, characterization and dielectric property studies of gel grown barium succinate single crystals</li> <li>17. Magnetodielectric effect in Ni<sub>0.5</sub>Zn<sub>0.5</sub>Fe<sub>2</sub>O<sub>4</sub>-BaTiO<sub>3</sub> nanocomposites</li> <li>18. Dielectric and photo-dielectric properties of TiGaSeS crystals</li> <li>19. Guest-host interaction in ferroelectric liquid crystal-nanoparticle composite system</li> <li>20. Microstructural and optical properties of transparent conductive ZnO : Al : Mo films deposited by template-assisted sol-gel method</li> <li>21. Structural verification and optical characterization of SiO<sub>2</sub>-Au-Cu<sub>2</sub>O nanoparticles</li> <li>22. Effect of oxidation and annealing temperature on optical and structural properties of SnO<sub>2</sub></li> <li>23. Structural, optical and magnetic properties of cobalt-doped CdSe nanoparticles</li> <li>24. High pressure phase transitions for CdSe</li> <li>25. Optical and electrical properties of nickel xanthate tin films</li> <li>26. High temperature magnetic properties of nanocrystalline Sn<sub>0.95</sub>Co<sub>0.05</sub>O<sub>2</sub></li> <li>27. Optimization of process parameters for friction stir processing (FSP) of Al-TiC <i>in situ</i> composite</li> <li>28. Low resistance polycrystalline diamond thin films deposited by hot filament chemical vapour deposition</li> <li>29. Rapid mixing chemical oxidative polymerization : an easy route to prepare PANI coated small-diameter CNTs/PANI nanofibres composite thin film</li> <li>30. One-step synthesis of mesoporous silica-graphene composites by</li> </ol>

	<p>simultaneous hydrothermal coupling and reduction of graphene oxide</p> <ol style="list-style-type: none"> <li>31. Processing, structure and flexural strength of CNT and carbon fibre reinforced, epoxy-matrix hybrid composite</li> <li>32. Characterization of gamma irradiated plasticized carboxymethyl cellulose (CMC)/gum Arabic (GA) polymer blends as absorbents for dyestuffs</li> <li>33. Synthesis and characterization of mesoporous Si-MCM-41 materials and their application as solid acid catalysts in some esterification reactions</li> <li>34. Ionic liquid modified carbon paste electrode and investigation of its electrocatalytic activity to hydrogen peroxide</li> <li>35. Manganese-Schiff base complex immobilized silica materials for electrocatalytic oxygen reduction</li> <li>36. Influence of temperature and voltage on electrochemical reduction of graphene oxide</li> <li>37. New route for synthesis of electrocatalytic Ni(OH<sub>2</sub>) modified electrodes—electrooxidation of borohydride as probe reaction</li> <li>38. Chemical shift of U L<sub>3</sub> edges in different uranium compounds obtained by X-ray absorption spectroscopy with synchrotron radiation</li> <li>39. Effect of calcinations methods on electrochemical performance of NiO used as electrode materials for supercapacitor</li> <li>40. Hydrogen absorption/desorption characteristics of room temperature ZrMn<sub>2-x</sub>Ni<sub>x</sub> system (x = 1.25-1.50)</li> <li>41. Study of rigidity of semiconducting vanadate glasses and its importance in use of coatings</li> <li>42. Study of effect of chromium on titanium dioxide phase transformation</li> <li>43. Synthesis and microwave dielectric properties of Ca substituted SrLa<sub>4</sub>Ti<sub>4.93</sub>Zr<sub>0.07</sub>O<sub>17</sub> ceramics</li> <li>44. Development of a new solid-state absorber material for dye-sensitized solar cell (DSSC)</li> <li>45. Processing and characterization of alumina/LAS bioceramics for dental applications</li> <li>46. Structural, electrical and electrochemical behaviours of LiNi<sub>0.4</sub>M<sub>0.1</sub>Mn<sub>1.5</sub>O<sub>4</sub> (M = Al, Bi) as cathode material for Li<sup>-</sup>ion batteries</li> <li>47. Corrosion behaviour of Ni-Co alloy coatings at Kish Island (marine) atmosphere</li> <li>48. Pulse electrodeposition and corrosion properties of Ni-Si<sub>3</sub>N<sub>4</sub> nanocomposite coatings</li> <li>49. Influence of mineral phase in mineralization of a biocomposite containing chitosan, demineralized bone matrix and bone ash—<i>in vitro</i> study</li> <li>50. Synthesis and characterization of bio-based polyurethane from benzoylated cashewnut husk tannins</li> </ol>
<b>Name of the Journal</b>	<b>Coatings and Anticorrosion Engineering Review</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 5 No. 1 April-May, 2014</b>
	<ol style="list-style-type: none"> <li>1. Architectural Coatings: Strong, Rebound In Construction Spending Fueling Increased Demand</li> <li>2. Production Process of Paint</li> <li>3. Corrosion Control By Nanomaterial For Renewable Energy Production</li> <li>4. Restoration of Ferrari/Pininfarina Legend Using VpCinano Technology</li> </ol>
<b>Name of the Journal</b>	<b>Current Science</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 106 No. 11 10 June, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. An indigenous echelle grating spectrograph for simultaneous trace elemental analysis by atomic emission spectroscopy</li> <li>2. Global research output of nanobiotechnology research : a scientometrics study</li> <li>3. On the integration of Ayurveda and biomedicine : perspectives generated from interviews with Ashtavaidya Ayurveda physicians of Kerala</li> <li>4. Academic performance evaluation using soft computing techniques</li> <li>5. Delivery of repaglinide-cholestyramine complex loaded ethylcellulose microspheres to gastric mucosa for effective management of type-2 diabetes mellitus</li> <li>6. Mechanical properties of fly ash concrete composite reinforced with nano-SiO<sub>2</sub> and steel fibre</li> </ol>

	<ol style="list-style-type: none"> <li>7. Effect of copper on calcium-modified alumina-supported cobalt catalysts towards Fischer--Tropsch synthesis</li> <li>8. Kalman filtered GPS accelerometer-based accident detection and location system : a low-cost approach</li> <li>9. Simulation study on the photoacoustics of cells with endocytosed gold nanoparticles</li> <li>10. Monitoring of dengue and chikungunya viruses in field-caught <i>Aedes aegypti</i> (Diptera : Culicidae) in Surat City, India</li> <li>11. Climatic response of various tree ring parameters of fir (<i>Abies pindrow</i>) from Chandanwadi in Jammu and Kashmir, western Himalaya, India</li> <li>12. Efficacy of two dominant marker systems, ISSR and TE-AFLP for assessment of genetic diversity of biodiesel species <i>Pongamia pinnata</i></li> </ol>
<b>Name of the Journal</b>	<b>CSI Communications</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 38 No. 3 June, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. What, Why and How of Software Security : Security in Software development</li> <li>2. Developing Secure Software</li> <li>3. Security in Software Development</li> <li>4. Application Layer Security Solution for Java based Web Applications</li> <li>5. Nuts and Bolts of Code Coverage Testing</li> <li>6. Template Matching Tool for Remote Sensing Images</li> <li>7. Digital Image Steganography</li> <li>8. SQL Injection – Anatomy and Risk Mitigation</li> <li>9. Reaping ROI from Big Data</li> </ol>
<b>Name of the Journal</b>	<b>IEEMA Journal</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 5 No. 10 June, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. New Trends in Supercapacitors</li> <li>2. Indian Standard for LV APFC Panels</li> </ol>
<b>Name of the Journal</b>	<b>IETE Technical Review</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 31 No. 1 Jan - Feb, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Telling lies to describe truth : Do we emphasize the importance of “The Art of Approximations” to the students ?</li> <li>2. Resource allocations and scheduling in cloud computing: policy and algorithm</li> <li>3. Adaptive control schemes for improving the control system dynamics : A review</li> <li>4. Subjective and objective analysis of speech enhancement algorithms for single channel speech patterns of Indian and English languages</li> <li>5. Security models in vehicular Ad-hoc networks : A survey</li> <li>6. A novel task scheduling approach for reducing energy consumption of mapreduce cluster</li> <li>7. A fuzzy kohonen local information C- Means clustering for remote sensing imagery</li> <li>8. On protecting Data storage in Mobile Cloud Computing paradigm</li> <li>9. Efficient Cellular Automata based Montgomery <math>AB^2</math> Multipliers over GF (<math>2^m</math>)</li> <li>10. Revisits and Transformations among functional encryption systems</li> </ol>

<b>Name of the Journal</b>	<b>The IUP Journal of Electrical &amp; Electronics Engineering</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. VII No. 2 April, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Design of a 256-Channel DWDM System by Using Duobinary Modulation</li> <li>2. Geospatial Approach for Voltage Regulation in Power Distribution</li> <li>3. A Novel Genetic Algorithm for Damping of Power System Oscillations with Static Synchronous Series Compensator (SSSC)-based Controller</li> <li>4. An Improved Approach for the Design of Two-Channel Quadrature Mirror Filter Bank Using Unconstrained Optimization</li> <li>5. Role of Photovoltaic Energy in a Grid Connected Distribution System with Power Quality Improvement Features</li> </ol>
<b>Name of the Journal</b>	<b>The IUP Journal of English Studies</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. IX No. 1 March, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Tagore's Multiculturalism: A Road map to the Heaven of Freedom</li> <li>2. Wordsworth's "Arab Dream": My Intertextual Acquaintances with the Arabian Desert Through Literature and Personal Encounter</li> <li>3. Uttararamacarita of Bhavabhuti: Readings into Catharsis and <i>Rasa</i></li> <li>4. Portrayal of Protagonists by Arthur Miller</li> <li>5. Warwickshire Dialect in Eliot's <i>Silas Marner</i></li> <li>6. Revival of Realism in Indian Fiction in English: A Study of <i>Difficult Daughters</i> and <i>The White Tiger</i></li> <li>7. Innovative Methods of Teaching English Language to School Students Using Teaching Aids</li> <li>8. Integrated Communicative and Functional Approach to Teaching English Proficiency Course</li> <li>9. New Technological Tools and EFL Writing: The Case of First-Year Master Students of English at Djillali Liabes University of Sidi Bel Abbes, Algeria</li> <li>10. Teaching the Rationale of Reading Critically at the Advanced Level</li> <li>11. An Alternative Approach to Classification of Phrasal Verbs</li> </ol>
<b>Name of the Journal</b>	<b>The IUP Journal of Entrepreneurship Development</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. XI No. 1 March, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Social Transformation Through Social Entrepreneurship: An Exploratory Study</li> <li>2. Tackling Unemployment Hurdle in the Nigerian Economy: The Impact of Creative Self-Development</li> <li>3. A Study on the Entrepreneurial Traits of Commerce Students of Arts and Science Colleges in Theni District, Tamil Nadu</li> <li>4. Koutons Retail India Ltd.: Fight for Survival</li> </ol>
<b>Name of the Journal</b>	<b>The IUP Journal of Soft Skills</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. VIII No. 1 March, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Team Building: Corporate Lessons from the Indian Premier League</li> <li>2. Self-Awareness – key to Effective Leadership</li> <li>3. Bridging the Skills Gap: Strategies and Solutions</li> <li>4. E-Soft Skills Training: Challenges and Opportunities</li> </ol>

	<ol style="list-style-type: none"> <li>5. Self-Assessment: A Tool to Boost Career Prospects</li> <li>6. Project <i>Parivartan</i>: State Bank of India's Internal Communication Initiative</li> </ol>
<b>Name of the Journal</b>	<b>The IUP Journal of Structural Engineering</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. VII No. 2 April, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. A Parametric Study of the Effect of Floor Slabs on High-Rise Buildings</li> <li>2. Fly Ash-Based Lightweight Aggregate Concrete Containing Steel Fibers and Polyester Fibers</li> <li>3. Behavior of Ternary Blended Concrete with Fly Ash and Silica Fume</li> <li>4. The Performance of Potassium Dichromate Corrosion Inhibitor in Concrete</li> <li>5. Nigerian National Standards for Green Buildings : A Legislative framework</li> </ol>
<b>Name of the Journal</b>	<b>Journal of Biosciences</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 39 No. 3 June, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Biodiversity only makes sense in the light of evolution</li> <li>2. Novel inhibitor of DNA ligase IV with a promising cancer therapeutic potential</li> <li>3. Are any fungal genes nucleus-limited?</li> <li>4. The complex history of the selective model of antibody formation</li> <li>5. FUMET : A fuzzy network module extraction technique for gene expression data</li> <li>6. miRNAting control of DNA methylation</li> <li>7. Multiple proteins of <i>White spot syndrome virus</i> involved in recognition of <math>\beta</math>-integrin</li> <li>8. Identification of chikungunya virus interacting proteins in mammalian cells</li> <li>9. Differential expression of speckled POZ protein, SPOP: Putative regulation by <i>miR-145</i></li> <li>10. DNA microarray analysis of genes differentially expressed in adipocyte differentiation</li> <li>11. A survey of chlortetracycline concentration in feed and its residue in chicken egg in commercial layer farms</li> <li>12. Hypoxia influences expression profile of Pleckstrin homology-like domain, family A, member 2 in Indian catfish, <i>Clarias batrachus</i> (Linnaeus, 1758): A new candidate gene for hypoxia tolerance in fish</li> <li>13. Evaluation of antibody response in mice against avian influenza A (H5N1) strain neuraminidase expressed in yeast <i>Pichia pastoris</i></li> <li>14. Molecular screening of Chinese medicinal plants for progestogenic and anti-progestogenic activity</li> <li>15. Modelling the transition from simple to complex <math>Ca^{2+}</math> oscillations in pancreatic acinar cells</li> <li>16. Life at a different pace: Annual itineraries are conserved in seasonal songbirds</li> <li>17. The evolutionary strata of DARPP-32 tail implicates hierarchical functional expansion in higher vertebrates</li> <li>18. The rare intracellular <i>RET</i> mutation p.S891A in a Chinese Han family with familial medullary thyroid carcinoma</li> <li>19. Phylogenetic diversity of <i>Mesorhizobium</i> in chickpea</li> <li>20. MicroRNAs as regulators of cutaneous wound healing</li> <li>21. Conservation of PHO pathway in ascomycetes and the role of Pho84</li> <li>22. Gene therapy in India: A focus</li> </ol>

<b>Name of the Journal</b>	<b>Journal of Chemical Sciences</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 126 No. 3 May, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Organic fragments from grapheme oxide : Isolation, characterization and solvent effects</li> <li>2. Glyoxylate as a reducing agent for manganese(III) in salen scaffold : A kinetics and mechanistic study</li> <li>3. Mn<sub>3</sub>O<sub>4</sub> nano-sized crystals : Rapid synthesis and extension to preparation of nanosized LiMn<sub>2</sub>O<sub>4</sub> materials</li> <li>4. Investigating the interactions of the enantiomers of phenylglycine with nanopores of ZSM-5 zeolite</li> <li>5. Application of nano SnO<sub>2</sub> as a green and recyclable catalyst for the synthesis of 2-aryl or alkylbenzoxazole derivatives under ambient temperature</li> <li>6. A room temperature cured low dielectric hyperbranched epoxy adhesive with high mechanical strength</li> <li>7. Synthesis, characterization and applications of polymer-metal chelates derived from poly[[(4-acryloxy acetophenone)-divinylbenzene]] benzoyl hydrazone resins</li> <li>8. Polymer-clay nanocomposites obtained by solution polymerization of vinyl benzyl triammonium chloride in the presence of advanced functionalized clay</li> <li>9. Borohydride electro-oxidation by Ag-doped lanthanum chromites</li> <li>10. Colorimetric detection of Cu<sup>2+</sup> and Pb<sup>2+</sup> ions using calix[4arene functionalized gold nanoparticles</li> <li>11. Molecular dynamics simulations and free energy profile of Paracetamol in DPPC lipid bilayers</li> <li>12. Molecular dynamics simulation on the interaction mechanism between polymer inhibitors and calcium phosphate</li> <li>13. Study of structure and spectroscopy of water-hydroxide ion clusters : A combined simulated annealing and DFT-based approach</li> <li>14. Chemical reaction due to stronger Ramachandran interaction</li> <li>15. Ring opening of monocyclic dimethyl cyclopropene via metathesis by tungsten catalyst : A computational study</li> <li>16. Second harmonic generation and electro-optical Pockels effect of 1- and 3-nitro-6-azabenzopyrene N-oxide isomers : A Hartree-Fock and Coulomb-attenuating density functional theory investigation</li> <li>17. Application of bisphosphomide-palladium(II) pincer complex in Suzuki-Miyaura cross-coupling reaction under microwave irradiation</li> <li>18. Structural systematics of some metal complexes with 4,5-diazafluoren-9-one</li> <li>19. Chitosan-based Schiff base-metal complexes (Mn, Cu, Co) as heterogeneous, new catalysts for the β-isophorone oxidation</li> <li>20. Cytotoxic, DNA binding, DNA cleavage and antibacterial studies of ruthenium-fluoroquinolone complexes</li> <li>21. Ca<sup>2+</sup> and Mg<sup>2+</sup> binding induce conformational stability of Calfuminin-1 from <i>Dictyostelium discoideum</i></li> <li>22. Syntheses, structures and properties of two dinuclear mercury(II) iodide compounds containing tetradentate tripodal amine/pentadentate N-donor Schiff base : Control of molecular and crystalline architectures by varying ligand matrices</li> <li>23. Hetero-metallic trigonal cage-shaped dimeric Ni<sub>3</sub>K core complex of L-proline ligand : Synthesis, structural, electrochemical and DNA binding and cleavage activities</li> <li>24. Mixed-ligand binuclear copper(II) complex of 5-methylsalicylaldehyde and 2,2'-bipyridyl : Synthesis, crystal structure, DNA binding and nuclease activity</li> <li>25. Water mediated eco-friendly green protocol for one-pot synthesis of α-aminophosphonates at ambient conditions</li> <li>26. Green oxidation of alkenes in ionic liquid solvent by hydrogen peroxide over high performance Fe(III) Schiff base complexes immobilized on MCM-41</li> <li>27. Pentafluorophenylammonium triflate (PFPAT) : A new organocatalyst for the one-pot three-component synthesis of α-aminophosphonates</li> <li>28. First total synthesis of Boehmanan</li> <li>29. Synthesis of thiophene linked pyrimidopyrimidines as pharmaceutical leads</li> <li>30. Synthesis and evaluation of 2-(5-(aryl)-1,3,4-oxadiazol-2-ylthio)-N-(3-trifluoromethyl)phenyl)acetamides and N-(4-chloro-3-fluorophenyl)-2-(5-</li> </ol>

	<p>(aryl)-1,3,4-oxidiazol-2-ylthio)acetamides as antimicrobial agents</p> <ol style="list-style-type: none"> <li>31. A concise and simple synthesis of 1-hydroxy-phenethylamine derivatives : Formal synthesis of naturally occurring norephedrine, virolon and 3-hydroxy-2-phosphonylmethoxypropyl adenine</li> <li>32. Symmetrical trimeric star-shaped mesogens based on 1,3,5-trisubstituted benzene incorporating Schiff base and azobenzene fragments as the peripheral units : Synthesis and mesomorphic properties</li> <li>33. Design, synthesis and cytotoxicity of novel N-benzylpiperidin-4-one oximes on human cervical cancer cells</li> <li>34. Eco-friendly kinetic separation of <i>trans</i>-limonene and carvomenthene oxides</li> <li>35. Dimethylurea/citric acid as a highly efficient deep eutectic solvent for multi-component reactions</li> </ol>
<b>Name of the Journal</b>	<b>Journal of Genetics</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 93 No. 1 April, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Association studies of dormancy and cooking quality traits in direct-seeded <i>indica</i> rice</li> <li>2. The first genetic linkage map of <i>Eucommia ulmoides</i></li> <li>3. Identification of a human <i>ABCC10</i> orthologue in <i>Catharanthus roseus</i> reveals a U12-type intron determinant for the NONE-terminal domain feature</li> <li>4. The <math>\gamma</math>-gliadin-like <math>\gamma</math>-prolamin genes in the tribe Triticeae</li> <li>5. Identification of photoperiod-regulated gene in soybean and functional analysis in <i>Nicotiana benthamiana</i></li> <li>6. Molecular characterization and differential expression of two duplicated odorant receptor genes, <i>Acer0r1</i> and <i>Acer0r3</i>, in <i>Apis cerana cerana</i></li> <li>7. Dynamic QTL and epistasis on seedling root traits in upland cotton</li> <li>8. Genomewide analysis of LATERAL ORGAN BOUNDARIES Domain gene family in <i>Zea mays</i></li> <li>9. Genomewide survey and characterization of metacaspase gene family in rice (<i>Oryza sativa</i>)</li> <li>10. Effects of body-size variation on flight-related traits in latitudinal populations of <i>Drosophila melanogaster</i></li> <li>11. Study of inheritance of feeding potential in natural populations of predatory coccinellid <i>Cryptolaemus montrouzieri</i> Mulsant using isofemale strains</li> <li>12. A unifying study of phenotypic and molecular genetic variability in natural populations of <i>Anadenanthera colubrina</i> var. <i>cebil</i> from Yungas and paranaense biogeographic provinces in Argentina</li> <li>13. Intraspecific chromosomal and genetic polymorphism in <i>Brassica napus</i> L. detected by cytogenetic and molecular markers</li> <li>14. Cloning and <i>in silico</i> analysis of a cinnamyl alcohol dehydrogenase gene in <i>Pennisetum purpureum</i></li> <li>15. A novel 5p15.33-14.1 deletion and 4q34.24-35.2 duplication in a patient with mental retardation, dysmorphic features and severe speech delay</li> <li>16. Phylogeny of endemic skinks of the genus <i>Lygosoma</i> (Squamata : Scincidae) from India suggests an <i>in situ</i> radiation</li> <li>17. A novel <i>TSC2</i> mutation in a Chinese family with tuberous sclerosis complex</li> <li>18. Compound mitochondrial DNA mutations in a neurological patient with ataxia, myoclonus and deafness</li> <li>19. career screening for spinal muscular atrophy in Italian population</li> <li>20. Structural rearrangements detected in newly-formed hexaploid tritordeum after three sequential FISH experiments with repetitive DNA sequences</li> <li>21. Concurrent psu dic(21)(q22.3) and t(13;17)(q14.1;p12) in a mosaic Down's syndrome patient : review of thirty-one similar dicentrics</li> <li>22. Association of the <i>GRM4</i> gene variants with juvenile myoclonic epilepsy in an Indian population</li> <li>23. P chromosomes involved in intergenomic rearrangements of <i>Kengyilia thoroldiana</i> affected by the environment</li> <li>24. Genetics of growth habit and photoperiodic response to flowering time in dolichos bean (<i>Lablab purpureus</i> (L.) Sweet)</li> <li>25. High incidence of <i>GJB2</i> gene mutations among assortatively mating hearing impaired families in Kerala : future implications</li> <li>26. Association between <i>HLA-DQA1</i> gene copy number polymorphisms and susceptibility to rheumatoid arthritis in Chinese Han population</li> <li>27. Chromosome variant 1qh – and its influence on the 3D organization of chromosome 1 heterochromatin in interphase nucleus of patients with endometriosis</li> </ol>

	<p>28. A novel noncontiguous duplication in the <i>DMD</i> gene escapes the 'reading-frame rule'</p> <p>29. The G allele at the <i>g.70014208A&gt;G</i> in the <i>MYBPC1</i> gene associated with high marbling in Japanese Black cattle is at a low frequency in breeds not selected for marbling</p> <p>30. Association between the IFN-<math>\gamma</math> and IL-1 genetic polymorphisms and colorectal cancer in the Chinese Han population</p> <p>31. Genetics of dioecy and casual sex chromosomes in plants</p> <p>32. Genetic controls on starch amylase content in wheat and rice grains</p> <p>33. The birth and development of the DNA theory of inheritance : sixty years since the discovery of the structure of DNA</p>
<b>Name of the Journal</b>	<b>Journal of Genetics</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 123 No. 3 April, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Has influence of extratropical waves in modulating Indian summer monsoon rainfall (ISMR) increased?</li> <li>2. Use of artificial neural network for spatial rainfall analysis</li> <li>3. Landscape level analysis of disturbance regimes in protected areas of Rajasthan, India</li> <li>4. Determination of some carcinogenic PAHs with toxic equivalency factor along roadside soil within a fast developing northern city of India</li> <li>5. Evaluation of soil corrosivity and aquifer protective capacity using geoelectrical investigation in Bwari basement complex area, Abuja</li> <li>6. GIS and SBF for estimating groundwater recharge of a mountainous basin in the Wu River watershed, Taiwan</li> <li>7. Evaluation of regional fracture properties for groundwater development using hydrolithostructural domain approach in variably fractured hard rocks of Purulia district, West Bengal, India</li> <li>8. Hydrogeological and geophysical study for deeper groundwater resource in quartzitic hard rock ridge region from 2D resistivity data</li> <li>9. Investigation of the relationship between ground and engineering bedrock at northern part of the Gulf of Izmir by borehole data supported geophysical works</li> <li>10. Seismic hazard analysis of Sinop province, Turkey using probabilistic and statistical methods</li> <li>11. Ice thickness, volume and subglacial topography of Urumqi Glacier No. 1, Tianshan mountains, central Asia, by ground penetrating radar survey</li> <li>12. First results from imaging riometer installed at Indian Antarctic station Maitri</li> <li>13. Evidence of late Quaternary seismicity from Yunam Tso, Lahaul and Spiti, NW Himalaya, India</li> <li>14. Revisiting the stratigraphy of the Mesoproterozoic Chhattisgarh Supergroup, bastar craton, India based on subsurface lithoinformation</li> <li>15. Bathymetric preference of four major genera of rectilinear benthic foraminifera within oxygen minimum zone in Arabian Sea off central west coast of India</li> </ol>
<b>Name of the Journal</b>	<b>Pramana – Journal of physics</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 82 No. 6 June, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. New exact solutions of the generalized Zakharov—Kuznetsov modified equal-width equation</li> <li>2. Quantum restoration of broken symmetry in one-dimensional loop space</li> <li>3. Effects of complex parameters on classical trajectories of Hamiltonian systems</li> <li>4. A phenomenological approach to the equation of state of a unitary Fermi gas</li> <li>5. Chaotic behaviour of nonlinear coupled reaction-diffusion system in four-dimensional space</li> </ol>



	<ol style="list-style-type: none"> <li>6. The extended (<math>G'</math> / <math>G</math>)-expansion method and traveling wave solutions for the perturbed nonlinear Schrodinger's equation with Kerr law nonlinearity</li> <li>7. Shadowing corrections to the derivative of the reduced cross-section at small <math>x</math></li> <li>8. Extent of sensitivity of single photon production to parton distribution functions</li> <li>9. Growth rate enhancement of free-electron laser by two consecutive wigglers with axial magnetic field</li> <li>10. Switching behaviour of nonlinear Mach-Zehnder interferometer based on photonic crystal geometry</li> <li>11. Performance evaluation of self-breakdown-based single-gap plasma cathode electron gun</li> <li>12. A theoretical study of pump-probe experiment in single-layer, bilayer and multilayer grapheme</li> <li>13. First-principle study of nanostructures of functionalized grapheme Erratum to : Measurement of copper vapour laser-induced deformation of dielectric-coated mirror surface by Michelson interferometer</li> </ol>
<b>Name of the Journal</b>	<b>Resonance</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 19 No. 6 June, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Johann Friedrich Wilhelm Adolf von Baeyer</li> <li>2. Causality in Classical Physics</li> <li>3. Physiology of High-Altitude Acclimatization</li> <li>4. What's New in Computers : <i>Cryptocurrencies : An Introduction</i></li> </ol>
<b>Name of the Journal</b>	<b>Science Reporter</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 51 No. 6 June, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Pulicat Lake – An Ecosystem Under Threat</li> <li>2. Conserving the Vellayani Lake</li> <li>3. Energy from Mounds of Waste</li> <li>4. Planet in Peril : POPs!</li> <li>5. Fuel of the Future</li> </ol>
<b>Name of the Journal</b>	<b>University News</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 52 No. 23 June 09-15, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Story of An Aborted Experiment.</li> <li>2. Teacher Education in India : Issues and Quality Concerns</li> <li>3. Education for Sustainable Development in India : The Policy Perspective0</li> </ol>

<b>Name of the Journal</b>	<b>University News</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 52 No. 22 June 02-08, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"><li>1. <b>Quality Framework for Technology Enabled Practices in Higher Education for Digital Natives</b></li><li>2. <b>Continuous, Comprehensive Evaluation and Grading (CCEG) : A Critical Appraisal</b></li><li>3. <b>No Child Born to Die</b></li><li>4. <b>Disparities in Higher Education in India : A Stark Realities</b></li></ol>