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<b>Name of the Journal</b>	Bulletin of Materials Science
<b>Frequency/ Period/Vol/Iss.</b>	Vol. 37 No. 2 April, 2014
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Characterization of composite materials based on Fe powder (core) and phenol-formaldehyde resin (shell) modified with nanometer-sized SiO<sub>2</sub></li> <li>2. Influence of deposition rate on PL spectrum and surface morphology of ZnO nanolayers deposited on Si (100) substrate</li> <li>3. Self-assembled nanofilm of 1,2-dihydro-3-(octadecylthio)benzotriazine on copper for corrosion protection</li> <li>4. Ciprofloxacin conjugated zinc oxide nanoparticle: A camouflage towards multidrug resistant bacteria</li> <li>5. Bioactive nanocrystalline wollastonite synthesized by sol-gel combustion method by using eggshell waste as calcium source</li> <li>6. One-pot synthesis of hydroxyapatite-silica nanopowder composite for hardness enhancement of glass ionomer cement (GIC)</li> <li>7. Role of iron oxide impurities in electrocatalysis by multiwall carbon nanotubes: An investigation using a novel magnetically modified ITO electrodes</li> <li>8. Processing and properties of Cu based micro- and nano-composites</li> <li>9. Macro-scale complexity of nano- to micro-scale architecture of olivine crystals through an iodine vapour transport mechanism</li> <li>10. Chemical bath deposition of CdS thin films doped with Zn and Cu</li> <li>11. A comparative study regarding effects of interfacial ferroelectric Bi<sub>4</sub>Ti<sub>3</sub>O<sub>12</sub> (BTO) layer on electrical characteristics of Au/n-Si structures</li> <li>12. Electrical properties of Ba<sub>0.7</sub>Bi<sub>0.3</sub>Fe<sub>0.9</sub>Sn<sub>0.1</sub>O<sub>3</sub>—BaCo<sub>0.02</sub><sup>II</sup>Co<sub>0.04</sub><sup>III</sup>Bi<sub>0.94</sub>O<sub>3</sub> thick film thermistors with wide-range adjustable parameters</li> <li>13. Study of electrical properties of polyvinylpyrrolidone/polyacrylamide blend thin films</li> <li>14. Optical properties of zinc-vanadium glasses doped with samarium trioxide</li> <li>15. Structural and optoelectronic properties of cubic perovskite RbPbF<sub>3</sub></li> <li>16. Ultraviolet sensing properties of polyvinyl alcohol-coated aluminium-doped zinc oxide nanorods</li> <li>17. Properties of poly(vinyl alcohol)-borax gel doped with neodymium and praseodymium</li> <li>18. Preparation and characterization of PEG—Mg(CH<sub>3</sub>COO)<sub>2</sub>—CeO<sub>2</sub> composite polymer electrolytes for battery application</li> <li>19. Effect of carbides on erosion resistance of 23-8-N steel</li> <li>20. Effect of chemical composition and alumina content on structure and properties of ceramic insulators</li> <li>21. Effect of tempering after cryogenic treatment of tungsten carbide-cobalt bounded inserts</li> <li>22. Solvothermal growth of single-crystal CdS nanowires</li> <li>23. Influence of MWCNTs and gamma irradiation on thermal characteristics of medical grade UHMWPE</li> <li>24. Conductive biodegradable film of N – octyloxyphenyl – NONE' -(4-methylbenzoyl)thiourea</li> </ol>

<b>Name of the Journal</b>	<b>Current Science</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 106 No. 9 10 May, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Patenting trends among the SAARC nations: comparing the local and international patenting intensity</li> <li>2. Crowdsourcing to create national repositories of microbial genetic resources: fungi as a model</li> <li>3. Forest area estimation and reporting: implications for conservation, management and REDD+</li> <li>4. An <i>ab initio</i> molecular dynamics study of water-carbon tetrachloride liquid-liquid interface: nature of interfacial structure, hydrogen bonds and dynamics</li> <li>5. Structural properties of solid energetic materials: a van der Waals density functional study</li> <li>6. Feasibility of carbon nanomaterials as gas sensors: a computational study</li> <li>7. Intermolecular structure in tri-n-butyl phosphate/n-octane mixtures: a molecular dynamics simulation study</li> <li>8. CO adsorption on Fe<sub>N</sub> (N = 1-4) transition metal clusters: a density functional theory study</li> <li>9. Unexpected mechanism for formal [2 + 2] cycloadditions of metallacyclocumulenes</li> <li>10. Stabilization of the C<sub>20</sub> cage by encapsulation of H<sup>+</sup> and He<sup>+</sup> ions</li> <li>11. Planetary waves – major forcing agent in generating stratospheric and mesospheric quasi biennial oscillation</li> <li>12. Emissions of volatile organic compounds from biomass burning sources and their ozone formation potential over India</li> <li>13. On-site visualization monitoring for long span bridge on Delhi Metro Project</li> <li>14. Outgoing longwave radiations as pre-earthquake signals: preliminary results of 24 September 2013 (M 7.7) earthquake</li> <li>15. Impact of assimilation of Megha-Tropiques ROSA radio occultation refractivity by observing system simulation experiment</li> <li>16. Precise Pb-Pb baddeleyite ages of 1765 Ma for a Singhbhum 'newer dolerite' dyke swarm</li> </ol>
<b>Name of the Journal</b>	<b>CSI Communications</b>
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<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Graph Theory: From Konigsberg Bridges to Web-like Complex Networks A Computer Science Perspective</li> <li>2. Graph Theory: Applications in various Fields</li> <li>3. Graph Theory Behind Theoretical neuroscience and Brain Parcellation</li> <li>4. Graph Theory Applications in Images: A New Trend Analysis of Image Visualization Mapping in Medical Images</li> <li>5. Rigidity of Graphs</li> <li>6. Major-League SEMAT – Why Should an Executive Care?</li> <li>7. Essence – A Foundation for Software Development Games</li> <li>8. Transition from Oracle 8i to Oracle 12C Database</li> <li>9. The SMAC Effect Towards Adaptive Supply Chain Management</li> <li>10. Role of Public Key Infrastructure in Big Data Security</li> </ol>

<b>Name of the Journal</b>	<b>Journal of The Association of Engineers, India</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 83 No. 3 &amp; 4 July-December, 2013</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Investigating Penetration Depth of Boron into P-Doped Silicon by Diffusion Process for P+NN+ SDR IMPATT Structure at KA-Band</li> <li>2. Effect of Boron carbide (B<sub>4</sub>C) Additive during Micro-Electrical Discharge Machining of Ti-6Al-4V Alloy</li> <li>3. Study of a Shear-Driven Flow Between two Infinitely Long Moving Parallel Plates</li> <li>4. Investigation on Influence of External Energy on Surface Roughness in Turning of Aluminium Metal matrix Composite</li> <li>5. A Novel Compact and Broad Band Microstrip Patch Antenna</li> <li>6. A Comparative Study of Grinding Performance Using Different Fluid Delivery Techniques</li> <li>7. Optimization of Micro-EDM Operation for Fabrication of Micro-Holes Using ANN</li> </ol>
<b>Name of the Journal</b>	<b>Journal of Astrophysics &amp; Astronomy</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 35 No. 1 March, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Changed Relation between Solar 10.7-cm Radio Flux and some Activity Indices which describe the Radiation at Different Altitudes of Atmosphere during Cycles 21-23</li> <li>2. Orbital mechanics near a Rotating Asteroid</li> <li>3. X-ray Flares Observed from Six Young Stars Located in the Region of Star Clusters NGC 869 and IC 2602</li> <li>4. Comparative Studies of Population Synthesis Models in the Framework of Modified Stromgren Filters</li> <li>5. Interacting Winds in Eclipsing Symbiotic Systems – The Case Study of EG Andromedae</li> <li>6. Analysis of Optical Variations of BL Lac Object AO 0235+164</li> <li>7. Evolution of Primordial Black Holes in Loop Quantum Cosmology</li> </ol>
<b>Name of the Journal</b>	<b>Journal of Earth System Science</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 123 No. 3 April, 2014</b>
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	<ol style="list-style-type: none"> <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>Journal of The Institution of Engineers (India): Series A</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 94 No. 3 August-October, 2013</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. A Comparative Study on Seismic Analysis of Bangladesh national Building Code (BNBC) with Other Building Codes</li> <li>2. Analytical Study on Prestressed Steel I-Beam Strengthened in Compression by Angles</li> <li>3. Behaviour of Top and Seat Angle Semi-rigid Connections</li> <li>4. Fixed Bed Column Adsorption Studies Using Fly Ash for Removal of Cadmium from Aqueous Solution</li> <li>5. Foundation Depth for Bridge Piers</li> <li>6. Investigations on Fresh and Hardened Properties of Recycled Aggregate Self Compacting Concrete</li> <li>7. Review on Rapid Seismic Vulnerability Assessment for Bulk of Buildings</li> <li>8. Catchment Area Treatment (CAT) Plan and Crop Area Optimization for Integrated Management in a Water Resource Project</li> </ol>
<b>Name of the Journal</b>	<b>Journal of The Institution of Engineers (India): Series B</b>
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<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Generation of Automatic Variable Key under Various Approaches in Cryptography System</li> <li>2. K-region-based Clustering Algorithm for Image Segmentation</li> <li>3. On the Design and Analysis of Modified Koch Curve Fractal Antenna</li> <li>4. Reliability Performance Optimization of Meshed Electrical Distribution System Considering Customer and Energy based Reliability Indices</li> <li>5. The Opposition-based Harmony Search Algorithm</li> <li>6. An Insight on Right of Way and its Cost for Power Transmission Cable and Conventional Overhead Transmission Lines</li> <li>7. Experimental Investigation of Motor Current Signal Signature for Developing an Operator Assistance System for a Food Processor</li> <li>8. Heart Rate variability and Wavelet-based Studies on ECG Signals from Smokers and Non-Smokers</li> <li>9. Teaching-learning-based Optimization Algorithm for Parameter Identification in the Design of IIR Filters</li> </ol>

<b>Name of the Journal</b>	<b>Journal of The Institution of Engineers (India): Series B</b>
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<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. A Digital Image Steganography using Sierpinski gasket Fractal and PLSB</li> <li>2. Electromagnetic Investigations and Power Converter Efficiency Studies on a Laboratory Made Induction Heating Prototype</li> <li>3. Input Power Quality Improvement in Switched Reluctance Motor Drive using Minnesota Rectifier</li> <li>4. Modified 24 kb/s ADPCM System</li> <li>5. Population Set based Optimization Method</li> <li>6. S Transform based Extreme Learning Machine for Power System Disturbances Classification</li> <li>7. TLBO based Voltage Stable Environment Friendly Economic Dispatch Considering Real and Reactive Power Constraints</li> <li>8. Effect of Power Exchange of India: An Overview and Key Issues</li> </ol>
<b>Name of the Journal</b>	<b>Journal of The Institution of Engineers (India): Series B</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 94 No. 2 June-August, 2013</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Camouflaging in Digital Image for Secure Communication</li> <li>2. Design and Construction of Low Cost High Voltage dc Power Supply for Constant Power Operation</li> <li>3. New Methodology for Evaluating Optimal Pricing for Primary Regulation of Deregulated Power Systems under Steady State Condition</li> <li>4. Segmentation of Blood Vessels and 3D Representation of CMR Image</li> <li>5. Voltage Stability Constrained Distributed Generation Planning using Modified Bare Bones Particle Swarm Optimization</li> <li>6. The Role of Transforms in Image Compression</li> <li>7. Construction of Reduced Order Observer for Linear Time Invariant System using Generalized Matrix Inverse</li> </ol>
<b>Name of the Journal</b>	<b>Journal of The Institution of Engineers (India): Series B</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 94 No. 2 March-May, 2013</b>
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<b>Name of the Journal</b>	<b>Journal of The Institution of Engineers (India): Series C</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 95 No. 1 January-March, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Concept for a Differential Lock and Traction Control Model in Automobiles</li> <li>2. Correlations for Saturation Efficiency of Evaporative Cooling Pads</li> <li>3. Dynamic Magnification Factor in a Box-Shape Steel Girder</li> <li>4. Experimental Investigation of the Turbulent Fluid Flow Through a Rectangular Diffuser Using Two Equal Baffles</li> <li>5. Future Prospects of Low Compression Ignition Engines</li> <li>6. Obstacle Avoidance Path Planning of Space Manipulator Based on Improved Artificial Potential Field Method</li> <li>7. Predicting Structural Behavior of Filament Wound Composite Pressure Vessel Using Three Dimensional Shell Analysis</li> <li>8. Some Design-Objectives and Design-Guidelines for Automotive Friction Clutch based on Clutch Engagement Dynamics</li> <li>9. The Effects of Thermal barrier Coatings on Diesel Engine Performance and Emission</li> <li>10. Trapped Vortex Combustion Chamber: Design and Experimental Investigations Using Hydrogen as Fuel</li> <li>11. Symmetry and its Effects on Structures of Planetary Gear Trains</li> <li>12. Energy Conservation in Air Cooled Condenser: A Case Study</li> </ol>
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	<ol style="list-style-type: none"> <li>11. Classical simulations of heavy-ion fusion reactions and weakly-bound projectile breakup reactions</li> <li>12. Transverse momentum spectra of the produced hadrons at SPS energy and a random walk model</li> <li>13. Nuclear multifragmentation: Basic concepts</li> <li>14. Dynamics of light, intermediate, heavy and superheavy nuclear systems formed in heavy-ion collisions</li> <li>15. Evidences for magicity in superdeformed shapes</li> </ol>
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<b>Name of the Journal</b>	<b>Sadhana: Academy Proceedings in Engineering Sciences</b>
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