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**New Arrivals Journals Details**

<b>Name of the Journal</b>	<b>AKGEC International Journal of Technology</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 4 No. 2 July-December, 2013</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. New Trends in High Speed Networking</li> <li>2. Online Monitoring Inside a Building Based on Energy Efficient Wireless Sensor Network</li> <li>3. A Review on Multi Objective Optimization of Drilling Parameters Using Taguchi Methods</li> <li>4. A Novel Design of Compact 2.5GHz Fractal Antennas</li> <li>5. Infrastructure for IP Networks</li> <li>6. Study of Indian Power Sector for Planned Power Capacity</li> <li>7. FPGA Realization of Double Data Rate Synchronous Dynamic Random Access Memory Controller</li> <li>8. Relationship between Mathematics and Physics: A Fresh Perspective</li> <li>9. Low Cost Automatic Door Closure</li> <li>10. Quality Monitoring and Control: A Key to Success</li> <li>11. Financial Inclusion: Issues and Challenges</li> <li>12. Design and Analysis of Multiband Microstrip Antenna Array</li> </ol>
<b>Name of the Journal</b>	<b>Current Science</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 106 No. 6 25 March, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Bibliometrics and visualization analysis of artificial blood vessel research</li> <li>2. Competing endogenous RNA (ceRNA): a new class of RNA working as miRNA sponges</li> <li>3. Design, development and validation of smart sensor drifting node with INSAT telemetry for oceanographic applications</li> <li>4. Numerical simulations of miscible channel flow with chemical reactions</li> <li>5. Estimation of surface ice velocity of Chhota-Shigri glacier using sub-pixel ASTER image correlation</li> </ol> <p>Research Communications :</p> <ol style="list-style-type: none"> <li>1. Can El Nino induce stratosphere-troposphere exchange of ozone?</li> <li>2. Inter- and intra-specific carbon and nitrogen assimilation by dinoflagellate and diatom species</li> </ol>

	<ol style="list-style-type: none"> <li>3. Compensatory effects of medicinal plants of Pakistan upon prolongation of coagulation assays induced by <i>Naja naja karachiensis</i> bite</li> <li>4. A dog's day with humans – time activity budget of free-ranging dogs in India</li> </ol>
<b>Name of the Journal</b>	<b>Current Science</b>
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<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Indian economics and Indian scholarly publishing : is there room for Current Science?</li> <li>2. The impact of inter-, trans- and multidisciplinary on modern taxonomy of sciences</li> <li>3. Falling through the cracks and bridging the gap – India and USA showing similar trends</li> <li>4. Effect of record length and recent past events on extreme precipitation analysis</li> <li>5. One-dimensional hydrodynamic modeling of flooding and stage hydrographs in the lower Tapi River in India</li> <li>6. Human role in shaping the hydro morphology of Himalayan rivers : study of the Tista River in Darjeeling Himalaya</li> </ol> <p>Research Communications :</p> <ol style="list-style-type: none"> <li>1. Hemolytic activity of mycobacterial TlyA (Rv 1694) is independent of its rRNA methylation activity</li> <li>2. Quantification of <i>Sugarcane yellow leaf virus</i> in <i>in vitro</i> plantlets and asymptomatic plants of sugarcane by RT-qPCR</li> <li>3. Chir pine ring-width thermometry in western Himalaya, India</li> <li>4. Long-term deterioration of water quality of the Mvoti Estuary, KwaZulu-Natal, South Africa</li> <li>5. Ultrastructure of the focus region of the regenerated cycloid scale of an exotic fish, <i>Cyprinus carpio communis</i> L. as a possible key to comprehensive understanding of populations</li> </ol>
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<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Artificial photosynthesis and the splitting of water to generate hydrogen</li> <li>2. Terracentric nuclear fission georeactor : background, basis, feasibility, structure, evidence and geophysical implications</li> <li>3. Airglow measurements of mesospheric wave structures and thermal gradient variability over a low-latitude Indian station</li> <li>4. Assesment of agricultural sustainability in changing scenarios</li> <li>5. Environmental flow for the Yamuna river in Delhi as an example of monsoon rivers in India</li> <li>6. Chloritization in Paleoproterozoic granite ore system at Malanjkhand, Central India : mineralogical studies and mineral fluid equilibria modelling</li> </ol> <p>Research Communications :</p> <ol style="list-style-type: none"> <li>1. Effect of agonists of adenosine receptors on inflammatory markers in human Muller cells</li> <li>2. On the possibility of retrieving near-surface rain rate from the microwave sounder SAPHIR of the Megha-Tropiques mission</li> <li>3. Surface processes during flash floods in the glaciated terrain of Kedarnath, garhwal Himalaya and their role in the modification of landforms</li> </ol>

	<ol style="list-style-type: none"> <li>4. Kedarnath flash floods : a hydrological and hydraulic simulation study</li> <li>5. Carbon stocks in major soil types and land-use systems in semiarid tropical region of southern India</li> </ol>
<b>Name of the Journal</b>	<b>Current Science</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 106 No. 4 10 February, 2014</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Indian economics and Indian scholarly publishing : is there room for Current Science?</li> <li>2. The impact of inter-, trans- and multidisciplinary on modern taxonomy of sciences</li> <li>3. Falling through the cracks and bridging the gap – India and USA showing similar trends</li> <li>4. Effect of record length and recent past events on extreme precipitation analysis</li> <li>5. One-dimensional hydrodynamic modeling of flooding and stage hydrographs in the lower Tapi River in India</li> <li>6. Human role in shaping the hydromorphology of Himalayan rivers : study of the Tista River in Darjeeling Himalaya</li> </ol> <p>Research Communications :</p> <ol style="list-style-type: none"> <li>1. Hemolytic activity of mycobacterial TlyA (Rv 1694) is independent of its rRNA methylation activity</li> <li>2. Quantification of <i>Sugarcane yellow leaf virus</i> in <i>in vitro</i> plantlets and asymptomatic plants of sugarcane by RT-qPCR</li> <li>3. Chir pine ring-width thermometry in western Himalaya, India</li> <li>4. Long-term deterioration of water quality of the Mvoti Estuary, KwaZulu-Natal, South Africa</li> <li>5. Ultrastructure of the focus region of the regenerated cycloid scale of an exotic fish, <i>Cyprinus carpio communis</i> L. as a possible key to comprehensive understanding of populations</li> </ol>
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<b>Name of the Journal</b>	<b>The IUP Journal of Operations Management</b>
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<b>Name of the Journal</b>	<b>The IUP Journal of Structural Engineering</b>
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	<p>17. Anomalous hydrocracking of triglycerides over CoMo-catalyst-influence of reaction intermediaries</p> <p>18. CO<sub>2</sub> hydrogenation to hydrocarbons over iron nanoparticles supported on oxygen-functionalized carbon nanotubes</p> <p>19. Ammoxidation of 2-methyl pyrazine on supported ammonium salt of 12-molybdophosphoric acid catalysts: The influence of nature of support</p> <p>20. Solid, double-metal cyanide catalysts for synthesis of hyperbranched polyesters and aliphatic polycarbonates</p> <p>21. Determination of conduction and valence band electronic structure of anatase and rutile TiO<sub>2</sub></p> <p>22. Synthesis and visible light photocatalytic activity of nanocrystalline PrFeO<sub>3</sub> perovskite for hydrogen generation in ethanol-water system</p> <p>23. Metal organic framework MIL-101(Cr) for dehydration reactions</p>
<b>Name of the Journal</b>	<b>Journal of Chemical Sciences</b>
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<b>Articles/ Contents</b>	<p>1. Signal amplification of dopamine using lanthanum hexacyanoferrate-modified electrode</p> <p>2. Improved electrochemical performance of Ag-modified Li<sub>4</sub>Ti<sub>5</sub>O<sub>12</sub> anode material in a broad Voltage window</p> <p>3. Electrocatalytic activity of Cu<sub>2</sub>O nanocubes-based electrode for glucose oxidation</p> <p>4. N', N'', N'''-tris(2-pyridyloxymethyl) ethane as ionophore in potentiometric sensor for Pb(II) ions</p> <p>5. The behaviour of polyaniline-coated PVC membrane based on 7, 16-didecyl-1, 4, 10, 13-tetraoxa-7, 16-diazacyclooctadecane for pH measurements in highly acidic media</p> <p>6. Anthraquinone-based demultiplexer and other multiple operations at the molecular level</p> <p>7. Effects of acid concentration on intramolecular charge transfer reaction of 4-(azetidiny) benzonitrile in solution</p> <p>8. Effective synthesis route for red-brown pigments based on Ce-Pr-Fe-O and their potential application for near infrared reflective surface coating</p> <p>9. Synthesis, characterization and photoluminescence properties of grapheme oxide functionalized with azo molecules</p> <p>10. Silica-acac-supported palladium nanoparticles as an efficient and reusable heterogeneous catalyst in the Suzuki-Miyaura cross-coupling reaction in water</p> <p>11. Nano-titania-supported Preyssler-type heteropolyacid: An efficient and reusable catalyst in ultrasound-promoted synthesis of 4<i>H</i>-chromenes and 4<i>H</i>-pyrano{2, 3-<i>c</i>pyrazoles</p> <p>12. Supported <i>L</i>-pyrrolidine-2-carboxylic acid-4-hydrogen sulphate on silica gel as an economical and efficient catalyst for the one-pot preparation of beta-acetamido ketones via a four-component condensation reaction</p> <p>13. Cobalt(II) supported on ethylenediamine-functionalized nanocellulose as an efficient catalyst for room temperature aerobic oxidation of alcohols</p> <p>14. LaCl<sub>2</sub>·7H<sub>2</sub>O: An efficient catalyst for the synthesis of phosphinates (Michaelis-Arbuzov reaction) under neat conditions and their potential antimicrobial activity</p> <p>15. Cloud glutaric acid (GA) replace glutaraldehyde in the preparation of biocompatible</p>

	<p>biopolymers with high mechanical and thermal properties?</p> <p>16. Selective hydrogenation of maleic anhydride over Pd/Al<sub>2</sub>O<sub>3</sub> catalysts prepared via colloid Deposition</p> <p>17. Click synthesis of 1,4-disubstituted-1,2,3-triazoles catalysed by CuO-CeO<sub>2</sub> Nanocomposite In the presence of amberlite-supported azide</p> <p>18. Chiral amide from (1<i>S</i>, 2<i>R</i>)-(+)-norephedrine and furoic acid: An efficient catalyst for asymmetric Reformatsky reaction</p> <p>19. The family of N<sup>9</sup> -adenine: New entry for adenine-benzamide conjugates linked via versatile spacers</p> <p>20. Synthesis of spiro[benzo[h]quinoline-7,3'- indolines] via a three-component condensation reaction</p> <p>21. An easy protocol for the domino synthesis of diversely functionalized spirocarbocycles and their biological evaluation</p> <p>22. Facile eco-friendly synthesis of novel chromeno[4,3-<i>b</i>]pyridine-2,5-diones and evaluation of their antimicrobial and antioxidant properties</p> <p>23. Synthesis and evaluation of antimicrobial and anthelmintic activity of novel fluorinated 7-ethyl-10<i>H</i>-phenothiazines, their sulphones and ribofuranosides</p> <p>24. Synthesis of new biphenyl-substituted quinoline derivatives, preliminary screening and docking studies</p> <p>25. Separation and isolation of tautomers of 2-hydroxy-4-naphthoquinone-1-oxime derivatives by liquid chromatography: Antiproliferative activity and DFT studies</p> <p>26. Some new IIB group complexes of an imidazolidine ligand: Synthesis, spectral characterization, electrochemical, thermal and antimicrobial properties</p> <p>27. Cu(II), Zn(II) and Mn(II) complexes of poly(methyl vinyl ether-<i>alt</i>-maleic anhydride). Synthesis, characterization and thermodynamic parameters</p> <p>28. Mesogenic copper(II) complexes with [1,2,3]-triazole-based bidentate Schiff bases</p> <p>29. Electron paramagnetic resonance study of ternary Cu (II) compounds with glycine and phenanthroline</p> <p>30. Theoretical studies on the mechanism of palladium(II)-catalysed <i>ortho</i>-carboxylation of acetanilide with CO</p> <p>31. Theoretical studies on proton transfer reaction of 3(5)-substituted pyrazoles</p> <p>32. DFT study of the mechanism and stereoselectivity of the 1,3-dipolar cycloaddition between pyrroline-1-oxide and methyl crotonate</p> <p>33. Mechanism and regioselectivity of 1,3-dipolar cycloaddition reactions of sulphur-centered dipoles with furan-2,3-dione: A theoretical study using DFT</p>
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<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. 2 May-July, 2013</b>
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<b>Frequency/Period/Vol/Iss.</b>	<b>Vol. 94 No. 4 October-December, 2013</b>
<b>Articles/Contents</b>	<ol style="list-style-type: none"> <li>1. Analysis of Nd: YAG Laser Marking Characteristics on Alumina Ceramics</li> <li>2. ANSI/AWS E308-16 Rutile Electrode : The Effect of Endothermic Materials on Undercut Defect on Low Carbon Stainless Steel</li> <li>3. Experimental Investigations on Crack Detection Using Modal Analysis and Prediction of Properties for Multiple Cracks by Neural Network</li> <li>4. Microstructural Characterizations with EDAX Analysis of Dissimilar Friction Stir Welds</li> <li>5. Multi-objective Optimization of Hole Drilling Electrical Discharge Micromachining Process Using Grey Relational Analysis Coupled with Principal Component Analysis</li> <li>6. Optimization of Machining Process Parameters for Surface Roughness of Al-Composites</li> <li>7. Parametric Optimization of Heat Transfer from Triangular Fin Array Within a Rectangular Enclosure Using Design of Experiment (DOE): A Comparative Analysis</li> <li>8. Stability Analysis of a Spinning and Processing Viscoelastic Rotor Model</li> <li>9. Steady State Performance Analysis of Hydrostatic Transmission System using Two Motor Summation Drive</li> <li>10. Updating Bearing Stiffness and Damping Coefficients of a Rotor System</li> <li>11. Cost of Poor Quality Analysis for Automobile Industry: A Case Study</li> <li>12. Fault Diagnosis of Cantilever Beam Using Finite Element Analysis: A Case Study</li> </ol>
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<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Alexander duals of multipermutohedron ideals</li> <li>2. Real parabolic vector bundles over a real curve</li> <li>3. A note on conjugacy classes of finite groups</li> <li>4. On approximation of Lie groups by discrete subgroups</li> <li>5. Maximal saddle solution of a nonlinear elliptic equation involving the <math>p</math>-Laplacian</li> <li>6. Positive solutions for system of <math>2n</math>-th order Sturm-Liouville boundary value problems on time scales</li> <li>7. Boundedness of composition of operators associated with different homogeneities on weighted Besov and Triebel-Lizorkin spaces</li> <li>8. Vector-valued almost convergence and classical properties in normed spaces</li> <li>9. General <math>L^p</math>-harmonic Blaschke bodies</li> <li>10. There is no monad based on Hartman-Mycielski functor</li> <li>11. Long term performance evaluation of the TACTIC imaging telescope using ~400 h Crab Nebula observation during 2003-2010</li> <li>12. Anomalous Kolar events revisited: dark matter?</li> </ol>
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	<p>7. Automatic Tamil lyric generation based on ontological interpretation for semantics</p> <p>9. Development of semi-active hydraulic damper as active interaction control device to withstand external excitation</p> <p>10. A reexamination of some puzzling results in linearized elasticity</p> <p>11. Kinetic mesh-free method for flutter prediction in turbomachines</p> <p>12. Optimal way of selecting cities and conveyances for supplying coal in uncertain environment</p> <p>13. A new method for solving single and multi-objective fuzzy minimum cost flow problems with different membership functions</p> <p>14. Stress determination and geomechanical stability analysis of an oil well of Iran</p> <p>15. Effect of geological medium on seismic signals from underground nuclear explosion events – A case study for Baneberry site</p>
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