## List of Publications of Faculty

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Authors</th>
<th>Title of Research papers</th>
<th>Name of Journals with DOI and impact Factor</th>
<th>Year</th>
</tr>
</thead>
</table>
| 1.      | Munish Chhabra              | Rapid casting solutions: a review                                                          | Rapid Prototyping Journal  
DOI: 10.1108/13552541111156469  
Impact factor: 1.023                                                  | 2011 |
| 2.      | Abhishek Saxena             | Life cycle assessment of buildings                                                          | Renewable & Sustainable Energy Reviews  
DOI: org/10.1016/j.rser.2010.09.008  
Impact Factor: 6.01                                                  | 2011 |
| 3.      | Abhishek Saxena             | A thermodynamic review on solar box type cookers                                           | Renewable & Sustainable Energy Reviews  
DOI.org/10.1016/j.rser.2011.04.017  
Impact Factor: 6.01                                                  | 2011 |
| 4.      | Munish Chhabra              | Obtaining desired surface roughness of castings produced using Z-Cast direct metal casting process through Taguchi’s experimental approach | Rapid Prototyping Journal  
DOI: 10.1108/13552541211272009  
Impact factor: 1.023                                                  | 2012 |
| 5.      | Nitin Agarwal               | Optimal design of hybrid PV–diesel–battery system for power generation in Moradabad district of Uttar Pradesh, India | International Journal of Ambient Energy  
DOI : .1080/01430750.2011.630755                                                  | 2012 |
| 6.      | Nitin Agarwal               | Sizing analysis and cost optimization of hybrid solar-diesel-battery based electric power generation system using simulated annealing technique | Distributed Generation and Alternate Energy Journal  
DOI:10.1080/21563306.2012.10531122                                                  | 2012 |
| 7.      | Dr. B.P. Singh              | Modelling and simulation of biofuelled conventional engine.                                | International Journal of Ambient Energy  
DOI:10.1080/01430750.2012.759148                                                  | 2012 |
| 8.      | Niraj Kumar                 | Pertormance and emission characreristics of biodiesel from different origins : A review    | Renewable & Sustainable Energy Reviews  
DOI: 10.1016/j.rser.2013.01.006  
Impact Factor: 6.01                                                  | 2012 |
DOI: org/10.1016/jj heatmass transfer 2012.12.044  
Impact Factor: 2.41                                                  | 2012 |
| 10.     | Abhishek Saxena             | A technical note on performance testing of a solar box cooker provided with sensible storage material on the surface of absorbing plate | International Journal of Renewable Energy Technology (Inderscience Publications), Vol.3, No.2, pp. 165 – 173,  
DOI: 10.1504/IJRET.2012.045624,                                                  | 2012 |
(Springer Publications), Volume 110, Issue 1, pp 509-511, DOI-10.1007/s10973-012-2594-x,  
Impact Factor: 1.98                                                  | 2012 |
| 12.     | Ankit Gupta                 | Dynamic analysis of fixed-free single-walled carbonnanotube-based biosensors because of various viruses | IET Nanobiotechnology  
DOI: 10.1049/iet-nbt.2011.0057  
Impact Factor:1.87                                                  | 2012 |
DOI: 10.1080/14786451.2013.8.26220                                                  | 2013 |
DOI : 10.1016/j.esd.2013.02.002                                                  | 2013 |
# Department of Mechanical Engineering

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<tr>
<th>No.</th>
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<th>Impact Factor</th>
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<tbody>
<tr>
<td>15.</td>
<td>Dr. B.P. Singh</td>
<td>Performance and emission characteristics of conventional engine running on jatropha oil</td>
<td>Journal of Mechanical Science and Technology, Springer</td>
<td>2.25</td>
<td>2013</td>
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