

## Publications in International/National Journals

S. No.	Authors	Title	Journal / Publication
1	<b>Chitranjan Agrawal,</b> Ravi Kumar, Akhilesh Gupta, Barun Chatterjee	Rewetting and Maximum Surface Heat Flux During Quenching of Hot Surface by Round Water Jet Impingement	International Journal of Heat and Mass Transfer, Vol. 55, pp. 4772-4782, 2012.
2	<b>Chitranjan Agrawal,</b> Ravi Kumar, Akhilesh Gupta, Barun Chatterjee	Effect of Jet Diameter on the Rewetting of Hot Horizontal Surfaces During Quenching	Experimental Thermal and Fluid Science, Vol. 42, pp. 25-37, 2012.
3	<b>Chitranjan Agarwal,</b> J. K. Maherchandani, M Sahi	Effect of Nozzle Exit to Surface Spacing on the Cooling of Electrically Heated Surface with Jet Impingement	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Enggr., Vol. 1 (2), pp 73-77, 2012.
4	<b>Chitranjan Agarwal,</b> J. K. Maherchandani,	Effect of Impinging jet diameter on the Transient Cooling of Electrically Heated Stainless Steel Surface	International Journal of Advance Scientific and Technical Research, Vol. 4 (2), pp. 666-669, 2012.
5	<b>Chitranjan Agarwal,</b> J. K. Maherchandani	Effect of Flow Rate on the Cooling of Electrically Heated Hot Surface during Jet Impingement	International Journal of Scientific Research, Vol. 1(4), pp 49-50, 2012.
6	Chitranjan Agrawal, Sudhakar Jindal,	Comparative Study of Performance of CI engine with Normal and High Performance Diesel Fuels	International Journal of Emerging Trends in Engineering and Development, Vol. 6(2), pp. 437-442, 2012.
7.	<b>Chitranjan Agrawal</b>	Sensitivity Analysis for Counter Flow Cooling Tower- Part I, Exit Cold Water Temperature.	International Journal of Applied Engineering and Technology, Vol. 2(3), pp 5-9, 2012
8.	<b>Chitranjan Agrawal</b>	Sensitivity Analysis for Counter Flow Cooling Tower- Part II, Cooling tower Effectiveness, International	Journal of Applied Engineering and Technology, Vol. 2(3), pp 10-13, 2012
9.	<b>Chitranjan Agrawal</b>	Jet Impingement Cooling of Hot Horizontal Surface Through Sharp Edge Nozzle	International Journal of Applied Engineering and Technology, Vol. 2(3), pp 14-17, 2012.
10.	J. K. Maherchandani, <b>Chitranjan Agarwal,</b> Mukesh Sahi,	Estimation of Solar Cell Model Parameter by Hybrid Genetic Algorithm Using MATLAB,	International Journal of Advanced Research in Computer Engineering & Technology, Vol. 1(6), pp 78-81, 2012.
11.	J. K. Maherchandani, <b>Chitranjan Agarwal,</b> Mukesh Sahi,	Economic Feasibility of Hybrid Biomass/PV/Wind System for Remote Villages Using HOMER,	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 1(2), pp

			49-53, 2012.
<b>12.</b>	<b>Chitranjan Agrawal,</b> Ravi Kumar, Akhilesh Gupta, Barun Chatterjee	Determination of Rewetting Velocity during Jet Impingement Cooling of a Hot Surface	Transaction of ASME Thermal Science and Engineering Application, Vol. 5, pp 011007-1-9, 2013
<b>13.</b>	<b>Chitranjan Agrawal,</b> Oisín F. Lyons, Ravi kumar, Akhilesh Gupta, Darina B. Murray	Rewetting of a hot horizontal surface through mist jet impingement cooling	International Journal of Heat and Mass Transfer, Vol. 58, pp. 188-196, 2013
<b>14.</b>	<b>Chitranjan Agrawal,</b> Ravi Kumar, Akhilesh Gupta, Barun Chatterjee	Determination of Rewetting on Hot Horizontal Surface with Water Jet Impingement through a Sharp Edge Nozzle,	International Journal of Thermal Science, Vol. 71, pp 310-323, 2013.
<b>15.</b>	<b>C. Agarwal, R.</b> Kumar, A. Gupta, B. Chatterjee, ..	Effect of Nozzle Geometry on the Rewetting of Hot Surface during Jet Impingement cooling	Experimental Heat Transfer, Article in press

## 2. Publications in National Conferences (Published in Proceedings)

<b>S. No.</b>	<b>Authors</b>	<b>Title</b>	<b>Conference Details</b>
<b>1</b>	S. Jindal, Chitranjan Agrawal, Naveen Jain	A Comparative Study of Emission with Diesel oil and Bio diesel in DI-CI Engine	International Symposium On Organic Farming And Renewable Sources Of Energy For Sustainable Agriculture. Organized by PROM Society, MPUAT, Udaipur and Mohanlal Sukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP. 162, 2007
	S. Jindal, <b>Chitranjan Agrawal,</b> Naveen Jain,	A Comparative Study of Emission Level of Diesel engine with Vegetable Oil	International Symposium On Organic Farming And Renewable Sources Of Energy For Sustainable Agriculture. Organized by PROM Society, MPUAT, Udaipur and Mohanlal Sukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP. 163, 2007
	<b>Chitranjan Agrawal,</b> Naveen Jain,	Anatomy of Wind Turbine and Energy Market	International Symposium on Organic Farming And Renewable Sources Of Energy For Sustainable Agriculture. Organized by PROM Society, MPUAT, Udaipur and Mohanlal Sukhadia University, Udaipur held at RCA, Udaipur, November 19-21. PP161,2007.

## 3. Lab Manuals, Training Manuals and other publications

Kindly correct S. No. 2 As below

<b>S. No.</b>	<b>Authors</b>	<b>Title /Details</b>
<b>2</b>	Dr. B.P. Nandwana Chitranjan Agrawal,	Lab Manual for Heat Engines Lab