

Publication in International Journals of repute from CES, NITH

Financial Year	Publication (SCI/Scopus)
1997-1998	Rai, S., Singh, U.P., Awasthi, M. and Pandey, S. (1998). Physiological responses of the cyanobacterium <i>Anacystis nidulans</i> to a magnetic field. <i>Electro- and Magnetobiology</i> , USA (now <i>Electromagnetic Biology and Medicine</i>). 17:145-160. ISSN (printed): 1061-9526. ISSN (electronic): 1525-6081, Impact factor: 1.041(SCI)
1998-1999	Awasthi, M. (1999). Nickel-induced inhibition of phosphate-uptake in <i>Anacystis nidulans</i> : A comparative study between the kinetics of free and immobilized cells. <i>Environmental Pollution</i> 1:109- 116, ISBN 8185722161, 9788185722160
2002-2003	Awasthi, M. (2003) Zinc and Cadmium toxicity on the growth of free and immobilized green algae, <i>Geobios</i> , 30 (1): 21, 2003 ISSN: 0251-1223
2003-2004	Awasthi, M. and Rai, L.C. (2004). Adsorption of nickel, zinc and cadmium by immobilized green algae and cyanobacteria: a comparative study. <i>Annals of microbiology</i> , Italy, 54(3): 257-267 ISSN: 1590-4261 (print version) ISSN: 1869-2044 (electronic version), Impact factor: 1.67(SCI)
	Awasthi, M. and Rai, L.C. (2004). Effect of nickel and cadmium on ammonium uptake kinetics of free and immobilized cells of <i>Anacystis nidulans</i> . <i>Acta Hydrochim. Hydrobiol.</i> , Germany, Now <i>Clean-Soil, Air, Water</i> 32 (2):149-153 Online ISSN: 1863-0669, ISBN ISSN 0323-4320, Impact factor: 1.502(SCI)
	Awasthi, M. and Das, D.N. (2004). Heavy metal toxicity on nitrate reductase activity of free and immobilized algal cells. <i>Algology</i> , Ukraine, 61(3): 240-245, <i>International Journal of Algae</i> , 6 (2): 151- 157, ISSN: 1521-9429 Print ISSN: 1940-4328 Online (SCI)
2004-2005	Awasthi, M. (2005). Nitrate reductase activity: a solution to nitrate problems tested in free and immobilized algal cells in presence of heavy metals. <i>International Journal of Environmental Science & Technology</i> 2: 201-206 pISSN 1735-1472 e ISSN 1735-2630 Impact factor: 2.037(SCI)
	Awasthi, M. and Rai, L.C. (2005). Toxicity of Nickel, Zinc and Cadmium to nitrate uptake in free and immobilized cells of <i>Scenedesmus quadricauda</i> . <i>Ecotoxicology and Environmental Safety</i> , 61(2): 268-272, USA, ISSN: 0147-6513 Impact factor: 4.527(SCI)

	Awasthi, M. and Das, D.N. (2005). Heavy metal stress on growth, photosynthesis and enzymatic activities of free and immobilized <i>Chlorella vulgaris</i> . <i>Annals of microbiology</i> , 55 (1):1-7 Italy ISSN: 1590-4261 (print version) ISSN: 1869-2044 (electronic version) Impact factor: 1.607(SCI)
	Awasthi, M. and Das, D.N. (2005). Impact of Ni, Zn and Cd on growth rate, photosynthetic activity, nitrate reductase and alkaline phosphatase activity of free and immobilized <i>Scenedesmus quadricauda</i> . <i>Algological Studies</i> , Czech Republic, 115: 53-64, ISSN 1864-1318, Impact factor: 1.367(SCI)
2005-2006	Awasthi, M. and Rai, L.C. (2006). Interactions between Zinc and Cadmium Uptake by Free and Immobilized Cells of <i>Scenedesmus quadricauda</i> (Turp.) Breb. <i>Acta Hydrochim. Hydrobiol.</i> , Germany 34 (1-2): 20-26 Online ISSN: 1863-0669, ISBN ISSN 0323-4320 Impact factor: 1.502 (SCI)
	Awasthi, M. Das, D.N. and Singh R.K. (2006). Qualitative algal analysis from the fish-gut: tested in the rice-fish cropping system. <i>International Journal of environmental Science and Technology</i> , Supplement 3 (1) pISSN 1735-1472 e ISSN 1735-2630 Impact factor: 2.037(SCI)
	Awasthi, M., Das, D.N. and Singh R.K. (2006) Seasonal Algal Analysis from the Fish-gut Tested in the Rice-fish Cropping System. <i>Research Journal of Chemistry and Environment</i> . 10: 75-79 ISSN No. 0972-0626, Impact factor: 0.292 (Scopus Indexed)
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	Thakur Sanjay Kumar, Prof. N.S. Thakur and Anoop Kumar (2011) Heat transfer and friction factor correlations for rectangular solar air heater duct having 60° inclined continuous discrete rib arrangement. Publisher British Journal of Applied Science and Technology Vol. 1 (3), pp.67-93
	Prashant Dhiman, Prof. N.S. Thakur, Anoop Kumar and Satyendra Singh (2011) An analytical model to predict the thermal performance of a novel parallel flow packed bed solar air heater. Publisher Applied Energy Vol. 88, pp. 2157–2167
	Neeral Mehla, Rahul Makde, Prof. N.S. Thakur (2011) Experimental analysis of a velocity field using variable chimney diameter for solar updraft tower. Publisher Int. J. of Engineering Science and Technology Vol. 3 (4) p. 3165-3171
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	Sunil Chamoli, Ranchan Chauhan and Prof. N.S. Thakur (2011) Optimization of solar assisted biogas plant. Publisher Int. Review of Applied Engineering Research Vol. 1 pp. 15-26
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	Prof. S. S. Chandel (2011) Strategy for Solar Photovoltaic Power Generation in North- Western Himalayas Publication in International / National Conferences International conference Renewable Energy World 5 – 7 th May New Delhi on Session 6d – Solar
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	Ranchan Chauhan, N.S Thakur and Sunil Chmaoli (2011) Tilt angle optimization for grid interactive solar photovoltaic array (E005) Publication in International / National Conferences International Conference on Power and Energy Engineering (ICPEE-2011), 29- 31 July held in Bangkok, Thailand
	Ranchan Chauhan, N.S Thakur(2011) Optimum tilt angles of solar collector for efficient energy conversion Publication in International / National Conferences International Congress on Renewable Energy (ICORE-2011), 2-4 November 2011 at Tejpur university, Assam, P.P.: 351-357..
	Awasthi, M. and Vivek Prakash Pankaj(2011) Solid waste dumping into the water bodies/ drainage in a city of India: Practices and Recommendation Publication in International / National Conferences Proceedings of National Symposium on Climate Change and Environment Management, Aug. 24, Organized by Department of Chemistry and MP Council of Science and Technology, Bhopal, M.P.
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	SS Chandel & RK Aggarwal (2012) Thermal Comfort Temperature Standards for Cold Regions. Publisher. Innovative Energy Policies Vol. 2(2012), Article ID E110201, 5 pages, 2012
	Yashasvi Thakur and Surjit Singh Katoch (2012) Emerging technologies in biomedical waste treatment and disposal. Publisher. Chemical Engineering Transactions Vol- 29, p-787-792
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	Rahul Rawat and S. S. Chandel (2013) Hill Climbing Techniques for Tracking Maximum Power Point in Solar Photovoltaic Systems-A Review Publisher . International Journal of Sustainable Development and Green Economics (IJSDEG ISSN No. : 2315 –4721, Volum e- 2, Issue – 1
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	Sourabh Bhardwaj, Vikrant Sharma S.S. Chandel (2013) Estimation of solar radiation using hybrid combination of Hidden Markov Model and generalized fuzzy Model Publisher Solar Energy, Elsevier Vol. 93, pp. 43-54
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	Sunil Chamoli and Narender Singh Thakur (2013) Numerical Based Heat Transfer and Friction Factor Correlations of Rectangular Ducts Roughened With Transverse Perforated Baffles Publisher Walailak Journal Accepted: 23 August
	Awasthi, M. DR, Karishma (2013) Energy through Agricultural Residues in Rural India: Potential, Status and Problems Publisher International Journal of Emerging Technology and Advanced Engineering 160-166
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