

Dr RK Aggarwal

Professor

Specialization: Renewable Energy, Climate Change, Environmental Science and Remote Sensing

Contact: +91 1792 252023 (O)

Cell: 98166 24504

Email: rajeevens@yspuniversity.ac.in; rajeev1792@rediffmail.com



Important Research Publications

- Aggarwal RK, Chandel SS, Gorjian S and Chandel R. 2022. Research Outcome of Sustainable Solar Drying Technology Dissemination for Preserving Perishable Agriculture and Horticulture Crops in the North Western Himalayan Region of India. *Sustainable Energy Technologies and Assessments* 53C, 102732.
- Punia Pinki, Aggarwal RK, Kumar DR, Thakur P and Thakur A. 2022. Adsorption of Cd and Cr ions from industrial wastewater using Ca doped Ni-Zn nanoferrites: Synthesis, characterization and isotherm analysis. *Ceramics International* 48:18048-18056.
- Thakur A, Punia P, Dhar R, Aggarwal RK and Thakur P. 2022. Separation of Cadmium and Chromium Heavy Metals from Industrial Wastewater by using Ni-Zn Nanoferrites. *Advances in Nano Research* 12(5): 457-465.
- Aggarwal RK, Chandel SS, Yadav P and Khosla A. 2021. Perspective of new innovative biogas technology policy implementation for sustainable development in India. *Energy Policy* 159.
- Kumar R, Verma R and Aggarwal RK. 2018. Empirical model for the estimation of global solar radiation for Indian locations. *International Journal of Ambient Energy* 42: 124-130.
- Kumar R, Aggarwal RK and Sharma JD. 2015. Comparison of regression and artificial neural network models for estimation of global solar radiations. *Renewable and Sustainable Energy Reviews* 52: 1294–1299.
- Aggarwal RK and Chandel SS. 2004. Review of Improved Cookstoves Programme in Western Himalayan State of India. *Biomass & Bio-Energy Journal* 27: 131-144.
- Kumar R, Aggarwal RK and Sharma JD. 2013. Energy analysis of a building using artificial neural network: A review. *Energy and Buildings* 65: 352-358.
- Aggarwal RK and Chandel SS. 2010. Emerging Energy Scenario in Western Himalayan State of Himachal Pradesh. *Energy Policy* 38: 2545-2551.
- Chandel SS and Aggarwal RK. 2008. Performance evaluation of a Passive Solar Building in Western Himalayas. *Int. J. Renewable Energy* 33(10): 2166-2173.

Books and manuals

- Aggarwal R K. 2016. *Sour Shushkak Dwara Aye Se Vridhi*. Today & Tomorrow Printers and Publishers, New Delhi, p 100 .

Awards & Recognitions

- Received 2nd prize at the National level for writing a book in Hindi entitled “Sour Shushkak Dwara Aye Se Vridhi” from the Ministry of New and Renewable Energy, GOI, New Delhi.
- Certificate of Excellence in Reviewing was awarded by International Journal of Environment and Climate Change, October 2022
- Certificate of Reviewing was awarded by the Journal of Sustainable City and Society (Elsevier)
- Reviewer Certificate was awarded by the Journal Environmental Progress Sustainable Energy (Wiley), May 2023.

