

### 3.4.5

#### Research Publications In International & National Journals/Conferences/ Workshops July 2021- June 2022

#### INTERNATIONAL PAPERS

##### Publications

1. Mohan Rawat, **R N Singh** (2022) "Thermal performance of building prototype with different cool roof structures in composite climate" International Journal of Sustainable Energy, DOI10.1080/14786451.2022.2055558.
2. Digvijay Singh & **Rubina Chaudhary** & Alagar Karthick (2021) "Review on the Process of Building-applied/ integrated photovoltaic system, Environmental Science and Pollution Research, , № 35, p. 47689-47724. <https://doi.org/10.1007/s11356-021-15349-5>
3. Smita Badur Karmankar, Rubina Chaudhary (2021) Statistical Analysis and Geochemical Modeling of Leachate and Chemical Speciation In Developed Concrete journal of Xidian University, Vol. 15 (11), pp 228-240.
4. Digvijay Singh and Rubina Chaudhary (2021) Impact of Roof Attached Photovoltaic Modules on Building Material Performance,, Materials today: Proceedings (Elsevier) Vol. 46, Part 1, PP : 445-450
5. Priyanka Singh, **R N Singh** and Biplab Paul (2021) "Design, Development and performance Evaluation of Photo Bioreactor for Algae Production" Journal of Xidian University, Vol. 15 (10) PP:438-450.Oct. 21
6. Mohan Rawat, **R.N. Singh** and Biplab Paul (2021) "Energy saving aspects of green and shaded roofs: A review", Journal of Xidian University, Vol. 15 (10) PP:461-467,Oct. 21
7. Siddharth Shankar Mishra and R N Singh (2021) "Converting Biomass into Bio-energy Fuels by Solar Pyrolysis: A Review" International Journal of Grid and Distributed Computing Vol. 14 (01), pp. 1661-1682.
8. Mohan Rawat, **R N Singh** (2021) "Energy Saving Opportunities in Buildings using Cool Roofs for India: A Review" AIP Conference Proceedings 2358, 120001 (2021); <https://doi.org/10.1063/5.0057915> Published Online: 30 July 2021.
9. A.Neha Gour, **R N Singh** (2021)" Production of Bio-ethanol from Renewable Resources Journal of Switching Hub Volume-6, Issue-3 (September-December, 2021)
10. Rawat Mohan and **Singh R N** (2021) "Performance evaluation of a cool roof model in composite climate" Materials Today: Proceedings, Vol. 44(6) pp: 4956-4960.

  
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