

S. N.	Faculty Name	Paper Title	Year	Journal Name	Volume	Issue	ISSN	National/ International	Indexing (Sci/Scopus/UGC/ others)	Mapping with SDG Goal
1	Dr Vipin Shrivastava	Enhancing the Performance of a Solar Air Heater with Arc-shaped Artificial Rib Roughness	2025	Journal of Mines, Metals and Fuels	In press	In press	0022-2755	International	SCOPUS	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 13 – Climate Action
2	Dr Vipin Shrivastava	Performance Improvement of Solar Air Heater through Rib Roughness on the Absorber Plate	2025	Journal of Mines, Metals and Fuels	In press	In press	0022-2756	International	SCOPUS	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
3	Dr Vipin Shrivastava	Advancements in Computational Tools for Indirect Solar Drying Systems: A Comprehensive Review	2025	Sustainable Energy and Technological Assessments	82		2213-1396	International	SCI/SCEI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
4	Dr Vipin Shrivastava	Thermal and enviro-economic analysis of solar stills: Influence of fin geometry, size, and water depth	2025	Sustainable Energy and Technological Assessments	77		2213-1397	International	SCI/SCEI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 11 – Sustainable Cities and Communities SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
5	Dr Vipin Shrivastava	Performance Assessment of Passive Solar Still with Different Thermal Energy Storage Materials	2025	Desalination and Water Treatment	323	1288	1944-3986	International	SCI/SCEI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
6	Dr Vipin Shrivastava	Revisiting the Energy-Efficient Modified Solar Still	2025	Springer Proceedings in Physics	419	-	0930-8989	International	SCOPUS	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
7	Dr Vipin Shrivastava	Enhancing the Performance of a Solar Air Heater with Arc-shaped Artificial Rib Roughness	2025	Journal of Mines, Metals and Fuels	In press	In press	0022-2755	International	SCOPUS	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 13 – Climate Action

8	Dr Vipin Shrivastava	Performance Improvement of Solar Air Heater through Rib Roughness on the Absorber Plate	2025	Journal of Mines, Metals and Fuels	In press	In press	0022-2756	International	SCOPUS	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
9	Dr Pravesh Kumar Kushwaha	Performance evaluation of a solar-assisted air conditioning system based on desiccant wheel	2025	Thermal Science and Engineering Progress	68	November	2451-9049	International	SCI/SCEI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
10	Dr Pravesh Kumar Kushwaha	Effect of desiccant coating materials on the performance of solar-powered atmospheric water harvesting system based on desiccant wheel	2025	Journal of Thermal Analysis and Calorimetry	150	November	1588-2926	International	SCI/SCEI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
11	Dr Pravesh Kumar Kushwaha	Numerical and experimental investigation of a solar-powered atmospheric water harvesting system based on two-stage desiccant wheel	2025	Applied Thermal Engineering	279	November	1873-5606	International	SCI/SCEI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
12	Dr Pravesh Kumar Kushwaha	Effect of ambient conditions on the performance of solar-powered atmospheric water harvesting system based on desiccant wheel: An experimental investigation	2025	Solar Energy Materials and Solar Cells	279	January	1879-3398	International	SCI/SCEI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 12 – Responsible Consumption and Production SDG 13 – Climate Action
13	Dr Hitesh Kumar	A numerical study of smart hybrid cooling for thermal management in high-capacity pouch cell packs	2025	International Communications in Heat and Mass Transfer	Volume 169		0735-1933	International	SCI	SDG 7 – Affordable and Clean Energy SDG 9 – Industry, Innovation and Infrastructure SDG 11– Sustainable Cities and Communities SDG 12 – Responsible Consumption and Production
14	Dr Rajeev Shrivastava	Advancement in soil management Optimizing crop production	2024	Journal of Agriculture and food research	18		International			SDG 2 Zero Hunger SDG 6 Clean Water and Sanitation SDG 12 Responsible Consumption and Production SDG 13 Climate Action SDG 15 Life on Land
15	Dr. Santosh Sanodia	Performance assessment of double slope solar still integrated with Adapted phase material in bhopal climate	2025	Wiley Macromolecular Symposia	415	1	e70170	International	SCOPUS	SDG 6 - Clean Water and Sanitation, SDG 7 – Affordable and Clean Energy, SDG 9 - Industry, Innovation and Infrastructure, SDG 12- Responsible Consumption and Production, SDG 13 Climate Action