

**SCHOOL OF ENERGY MANAGEMENT**

**Research Publications (with full details in below format) for 2024-2025:**

**For paper (2024-2025):**

<b>Sl. No.</b>	<b>Name of Author</b>	<b>Title of paper</b>	<b>Name of the Journal: ISSN No.: Dol: (ISSN or Dol)</b>	<b>Volume : Issue No.: Year: Page Nos.:</b>	<b>Specify: Peer-reviewed/ UGC / SCOPUS Impact factor: (if available)</b>
1	Dr.Vineet Veer Tyagi	Energy matrices, techno-economic and environmental assessment of fin-integrated HP-ETSC systems with thermal battery backup: Machine learning insights from experimental data	Journal of Energy Storage	117(1), 2025, 115827	SCIE, IF: 9.8
2	Dr.Vineet Veer Tyagi	Energy, exergy, and economic analysis of solar still integrated with phase change material assimilated evacuated tube collector for wastewater treatment	<a href="#">Process Safety and Environmental Protection</a>	193, 2025, 1300-1319	SCIE, IF: 7.8
3	Dr.Vineet Veer Tyagi	MFC-mediated wastewater treatment technology and bioelectricity generation: Future perspectives with SDGs 7 & 13	<a href="#">Process Safety and Environmental Protection</a>	192, 2024, 155-176	SCIE, IF: 7.8
4	Dr.Vineet Veer Tyagi	Potential of solar thermal collector combined with dual phase change materials for different	<a href="#">International Communications in Heat</a>	159(Part A), 2024, 108045	SCIE, IF: 7.8

		energy demands: An energy, economic, and environmental assessment	<a href="#">and Mass Transfer</a>		
5	Dr.Vineet Veer Tyagi	Sustainable growth of solar drying technologies: Advancing the use of thermal energy storage for domestic and industrial applications	Journal of Energy Storage	<a href="#">99(Part B)</a> , 2024, 113320	SCIE, IF: 9.8
6	Dr.Vineet Veer Tyagi	Impact of myristic acid on novel designed manifold assimilated with domestic solar water heater: An experimental approach	<a href="#">Applied Thermal Engineering</a>	<a href="#">252(1)</a> , 2024, 123560	SCIE, IF: 6.9
7	Dr.Vineet Veer Tyagi	Improved form stability, thermal storage capacity and thermal conductivity of polyurethane based waste sponge carbon/expanded graphite/organic phase change materials coated by Ag nanoparticles	<a href="#">Sustainable Materials and Technologies</a>	<a href="#">43</a> , 2025, e01245	SCIE, IF: 9.2
8	Dr. Sanjeev Anand	Exploring sustainability potential of integrated modeling approach for a residential building in composite climate of India: A case study	Energy Efficiency	18, 2025, 52	SCIE, IF: 4.0
9	Dr. Sanjeev Anand	Transient isogeometric heat conduction analysis of stationary fluid in a container	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	239(2), 2025, 531–541	SCIE, IF: 2.2

10	Dr. Sanjeev Anand	Ceria doped solar selective coating for solar thermal application	Solar Energy	<a href="#">282(1)</a> , 2024	SCIE, IF: 6.6
11	Dr. Sanjeev Anand	Energy, exergy, and economic analysis of solar still integrated with phase change material assimilated evacuated tube collector for wastewater treatment	<a href="#">Process Safety and Environmental Protection</a>	<a href="#">193</a> , 2025, 1300-1319	SCIE, IF: 7.8

**Conferences/Workshops/Seminars/Short term Courses/FDP/MDPs/Attended/Presented (2024-2025)**

Sl No	Name of the Faculty	Title of the Seminar/Conference/Workshop and Dates & Year	Title of the Talk (if presenter)	Organizing agency	Invited lecture/Resource person/Keynote speaker/Paper presenter/Plenary speaker  Or <b>Simply Attended</b>	National/International (abroad)/International (within the country)/State/University
1.	Dr. Vineet V Tyagi	ICMRSF 25	-	SMVD University	Chairing a Session	International (within India)/
2.	Dr. Vineet V Tyagi	International Conference on Semiconductor Technologies – Materials to Chips	-	Amity University Noida	Chairing a Session	International (within India)/

3.	Dr. Vineet V Tyagi	UMPEDAc, University of Malaya, Malaysia	Solar Thermal Collectors and Applications	-	Invited Lecture	International (abroad) Online Mode
4.	Dr. Vineet V Tyagi	ICESD, BHU	Innovation and Challenges to Solar Thermal Technologies with Thermal energy storage	BHU, Varanasi	Invited Lecture/ talk	International (within India)/
5.	Dr. Vineet V Tyagi	National workshop, Sustainable and Safe Construction Practices	Solar passive Buildings with thermal Energy storage	Jammu	Invited talk/Expert talk	National

#### Conferences/ Seminars /Workshops/FDPs/MDPs Organized (2024-2025)

Sl. No	Title of the Seminar/Conference/ Workshop/Etc. and Dates & Year	Organiser's Name	Role	Organizing agency	National/ International / Regional
1.	One Day Awareness programme on Empowering Climate Action: Strategies for Sustainable Future	-	Coordinator	JKSTIC Udhampur	National
2.	International Workshop on Renewable Energy	-	Coordinator	RP-141	International

	for Low Carbon Neutrality				
<b>3.</b>	One Day national Workshop on Renewable Energy & Sustainable Environment	-	Convener	SMVDU	National
<b>4.</b>	Workshop on Importance of Industrial Safety	-	Coordinator	PM USHA	National
<b>5.</b>	Online Session with Innovation and Startup ecosystem enablers under IIC, SMVDU	-	Convener	IIC, SMVDU	University
<b>6.</b>	University Annual Fest "EKATAVA"	-	Conference Coordinator	BPA, SMVDU, JKSTIC	National
<b>7.</b>	One Day Awareness programme on Empowering Climate Action: Strategies for Sustainable Future	-	Coordinator	JKSTIC Udhampur	National
<b>8.</b>	International Workshop on Renewable Energy for Low Carbon Neutrality	-	Co-Coordinator	RP-141	International
<b>9.</b>	One Day national Workshop on Renewable Energy & Sustainable Environment	-	Organizing Secretary	SMVDU	National
<b>10.</b>	Workshop on Importance of Industrial Safety	-	Coordinator	PM USHA	National

<b>11.</b>	Online Session with Innovation and Startup ecosystem enablers under IIC, SMVDU	-	Convener	IIC, SMVDU	University
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