


FACULTY PROFILE

1.	Name (In Block Letters):	Dr. (Smt.) KAMALESH VERMA	
2.	Father Name:	Mr. Lalluram Verma	
3.	Subject (Department):	Physics	
4.	Date of Birth:	March 26, 1988	
5.	Date Of Joining RPSC:	September 8, 2018	
6.	Current Designation & Basic Pay:	Assistant Professor & 63000/-	
7.	Work Experience:	5 Years	
8.	Address for correspondence (With Pin code):	W/o Nawal Kishore Sahu, "SAHU SADAN" Near Laxman Provision Store (Girdhari Shop), Kundan Nagar, Ajmer, Rajasthan, Pin - 305001	
9.	Mobile No & Whatsapp No:	-----	
10.	Email:	kamalesh.kumher@gmail.com	
11.	Google Scholar:	https://scholar.google.com/citations?hl=hi&user=zj9vn20AAAAJ	
12.	Research Gate:	https://www.researchgate.net/profile/Kamalesh-Verma-3	
13.	ORCID iD:	https://orcid.org/0009-0005-7879-3340	
14.	Google Scholar (Citation & h-index)	Citation: 346 & h-index: 5	
15.	Research Interest	Thermal Physics, Nano-materials, Microwave-electronics, Renewable Energy, Theoretical and ANN predictions	

01. ACADEMIC QUALIFICATIONS:

S. N.	Examination	Year	University/Board	Marks (%)
1.	Ph. D. (Physics)	2016	University of Rajasthan, Jaipur	Awarded
2.	M.Sc. (Physics)	2010	University of Rajasthan, Jaipur	70.00 %
3.	B. Sc.	2008	University of Rajasthan, Jaipur	79.85 %
4.	XII	2005	RBSE, Ajmer	87.85 %
5.	X	2003	RBSE, Ajmer	88.33 %

02. ACADEMIC DISTINCTION/ HONOUR/AWARDS/ MEDALS/SCHOLARSHIP:

S. N.	Name of Award/_Scholarship	Organised by Institution/University	Year	All India Rank
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1.	GATE Qualified	IIT Madras	2011	14
2.	NET(LS) Qualified	CSIR, New Delhi	2011	18
3.	UGC-JRF Awarded	CSIR, New Delhi	2011	65
4.	JEST Qualified	IISER, Thiruvananthapuram	2011	250
5.	SET Qualified	RPSC, Ajmer	2012	-

03. RESEARCH PAPERS PUBLISHED:

S. N.	Author Name, Paper Title, Journal Name, Volume No, Page No., Year, DOI	Journal Category: SCI/ SCIE / SCOPUS/ UGC/ And Impact Factor
1.	Agarwal, R., Verma, K. <i>et al.</i> Correction to: Comparison of Experimental Measurements of Thermal Conductivity of Fe ₂ O ₃ Nanofluids Against Standard Theoretical Models and Artificial Neural Network Approach. <i>J. of Materi Eng and Perform</i> 30 , 8687 (2021). https://doi.org/10.1007/s11665-021-06145-w	SCIE – Q2 And Impact Factor: 2.3
2.	Agarwal, R., Verma, K. <i>et al.</i> Comparison of Experimental Measurements of Thermal Conductivity of Fe ₂ O ₃ Nanofluids Against Standard Theoretical Models and Artificial Neural Network Approach. <i>J. of Materi Eng and Perform</i> 28 , 4602–4609 (2019). https://doi.org/10.1007/s11665-019-04202-z	SCIE – Q2 And Impact Factor: 2.3
3.	Verma, K. <i>et al.</i> Measurement and Prediction of Thermal Conductivity of Nanofluids Containing TiO ₂ Nanoparticles. <i>J. of Nanoscience and Nanotechnology</i> 17 , 1068-1075 (2017). https://doi.org/10.1166/jnn.2017.12584	SCIE And Impact Factor: 1.13
4.	Agarwal, R., Verma, K. <i>et al.</i> Sensitivity of Thermal Conductivity for Al ₂ O ₃ Nanofluids. <i>Exp. Therm. Fluid Sci.</i> 80 , 19-26 (2017). https://doi.org/10.1016/j.expthermflusci.2016.08.007	SCIE – Q1 And Impact Factor: 3.79
5.	Agarwal, R., Verma, K. <i>et al.</i> Synthesis, characterization, thermal conductivity and sensitivity of CuO nanofluids. <i>Appl. Therm. Eng.</i> 102 , 1024–1036 (2016). https://doi.org/10.1016/j.applthermaleng.2016.04.051	SCIE – Q1 And Impact Factor: 6.47
6.	Verma, K. <i>et al.</i> Interfacial Layer Effect on the Thermal Conductivity of Nanofluids. <i>Advanced Science, Engineering and Medicine</i> 8 , 36-42 (2016). https://doi.org/10.1166/ asem.2016.1806	UGC And Impact Factor: 0.98
7.	Verma, K. <i>et al.</i> Prediction of Thermal Conductivity of Nanofluids Containing Metal Oxide Nanoparticles. <i>Advanced Science, Engineering and Medicine</i> 7 , 378-384 (2015). https://doi.org/10.1166/ asem.2015.1708	UGC And Impact Factor : 0.98
8.	Verma, K. <i>et al.</i> Effective thermal conductivity of lithium multipurpose grease filled with metal particles. <i>Journal of Reinforced Plastics and Composites.</i> 33 , 1794-1801 (2014). https://doi.org/10.1177/0731684414545904	SCI – Q1 And Impact Factor: 3.54

04. BOOKS/ EDITED BOOK PUBLISHED:

S. N.	Title of Books	Name of Publisher/ Journal	ISSN/ISBN No. And Year	Main /Co-author
1.	-	-	-	-

05. RESEARCH PAPERS PRESENTED (In Conferences/ Seminars/ Workshops Etc.)

Sr No.	Title of Research Paper	Title of Conference / Seminar	Organised by with date	Whether international /national /others	Presented /Participated
1.	Future Perspective in Optical Fibre Comunication	Advances in Physics	IIT Roorkee, February 25-26, 2012	National	Presented
2.	Nanofluids containing Metal Oxide Nanoparticles and its Thermal Conductivity	Perspective of Physics in Multi-disciplinary Research	University of Rajasthan, Jaipur, Rajasthan, March 12-13, 2014	National	Presented
4.	Thermal Conductivity of Nanofluids containing...Nanoparticle	Materials and their Energy Applications	S.S. Jain Subodh P.G. College, Jaipur, Rajasthan, December 22-24, 2014.	National	Presented
5.	Interfacial layer effect on the effective...Nano-fluids	Materials for Inclusive Development	University of Rajasthan, Jaipur, Rajasthan, February 9-11, 2015	National	Presented
6.	Thermal Conductivity of Fe ₂ O ₃ and NiO Nanofluids	Advanced Functional Materials & Their Applications	Govt. W. E. College, Ajmer, Rajasthan, December 11-12, 2015	National	Presented
7.	Nanomaterials Use and Adverse Impact on Environment and Health	Advanced Technologies and Environmental Safety	IFTM University, Moradabad, March 9-10, 2019	National	Presented
8.	Measurement of Thermal ConductivityTheoretical Models and ANN Approach	Advances in Materials Science and Technology	University of Rajasthan, Jaipur, Rajasthan, 29 February – 01 March 2020	National	Presented
9.	---	Climate Change, Ethics and Sustainability	M.S.J. Govt. P.G. College, Bharatpur, 28 January 2021	International	Participated
10.	---	Contemporary Physics: The New Paradigm Shift-II Series	Rajdhani College, University of Delhi, 27- 28 February 2021	International Conclave	Participated
11.	---	Environmental and Human Health	M.S.J. Govt. P.G. College, Bharatpur, March 11-12, 2022	International	Participated
12.	Comparison of Exp. Measurements of..... Metal oxide Nanofluids	Advanced Technologies and Environmental Safety	IFTM University, Moradabad, July 23-24, 2022	National	Presented
13.	Development of a new theoretical correlationof nanofluids	Emerging Challenges, their Solutions and Recent Advances in sciences and Technology	Sobhasaria College, Sikar, Rajasthan, January 13-14, 2023	International	Presented
14.	A Systematic study of the thermal conductivity of nanofluids: A review	Emerging Technologies and Retrofitting Strategies for Sustainable Environment	Government College, Dholpur, Rajasthan, March 15-16, 2023	International	Presented

15.	Biodegradable polymers as new promising materials- A Brief Review	Sustainable Development Goals for Environment Conservation	Raj. Rishi Govt. Autonomous College, Alwar, Rajasthan July 12-14, 2023	International	Presented
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11. RESEARCH GUIDING EXPERIENCE:

S. N.	M.SC/M. Phil / Ph.D.	No. of Enrolled	No. of Thesis Submitted	No. of Degree Awarded
1.	Ph.D.	-	-	-
2.	M.Phil	-	-	-

11. RESEARCH PROJECTS:

S. N.	Title of Research Project	Funding Agency	Period From	To	Grant/Amount Mobilized (Rs- Lakh)
1.	-	-	-	-	-

08. TRAINING PROGRAMME ATTENDED: (Orientation/ Induction/ Refresher/Workshop/ Short-Term Courses Etc):

Sr. No	Name of the Course Orientation/Refresher/STC/FDP	Sponsoring Agency	Place	No. of Days	From	To
1.	Writing a Research Paper using LaTeX	MHRD	GWEC Ajmer	1 Week	28 Oct.	01 Nov. 2015
2.	Skilling Teachers for Online Education	UGC/SF	UKA Tarsadia University, Bardoli, Gujrat	1 Week	02 June	06 June 2020
3.	Green Energy Technologies for Sustainable Development	MHRD	NIT Kurukshetra & GEC Bikaner	2 Weeks	11 June	20 June 2020
4.	Environmental Crisis and Sustainable Development	MHRD	NIT Kurukshetra & GEC Bikaner	1 Week	01 July	05 July 2020
5.	Happiness & its Fulfillment in work Culture	MHRD	UCET, BTU, Bikaner	1 Week	24 Aug.	28 August 2020
6.	ICT in Research, Teaching & Learning	MHRD	EC Ajmer	1 Week	07 Sep.	11 Sep. 2020
7.	Faculty Induction Programme	UGC	UGC-HRDC, Jamia Milia Islamia, New Delhi	1 Month	16 Nov.	15 Dec. 2020
8.	Initiatives for Teaching-learning Excellence in Physics	GoR	Commissionerate, College Education, Rajasthan & Govt. Dungar College, Bikaner	1 Week	01 Feb.	06 Feb. 2021
9.	Frontiers of Green Technology: Sustainable Engineering	AICTE (ATAL)	Government Women Engineering College, Ajmer	1 week	21 Sep.	25 Sep. 2021
10.	Refresher Course on Advanced Research Methodology	Ministry of Education	TLC, Ramanujan College, University of Delhi	2 Week	22 Jan.	05 Feb. 2022
11.	Implementation of NEP-2020	UGC	Indira Gandhi National Open University & Swayam	1 Week	17 Oct.	25 Oct. 2022
12.	Production and Regulation of Chemicals and Toxins for Environmental Conservation	RUSA 2.0	Raj. Rishi Govt. Autonomous College, Alwar	1 Week	7 Dec.	13 Dec. 2022

13.	Greener living: Reduce, Reuse and Recycle	RUSA 2.0	Raj. Rishi Govt. Autonomous College, Alwar	1 Week	1 Feb.	7 Feb. 2023
14.	Instrumentation	M.S.J. Govt. College	M.S.J. Govt. College, Bharatpur	1 Week	12 Feb.	17 Feb. 2023

09. ACADEMIC RESPONSIBILITY OF UNIVERSITY/ORGANIZATIONS: (BOS/ BOM/ Dean/ Member, Etc.)

S. N.	BOS/BOM/ Other Committee	Member / Convener/ Dean	Name of the University / Organization	From	To
1.	-	-	-	-	-

10. MEMBER/LIFE MEMBER OF SOCIETY / ORGANIZATIONS:

S. N.	Name of the Society/ Institution	Member /Life Member	Place	From	To
1.	-	-	-	-	-

11. EXPERTISE / COMPUTER SKILLS

- ❖ MS Office (Word, Powerpoint, Excel)
- ❖ Google Classroom
- ❖ Microsoft Team

12. ADDITIONAL if Any: (Editorial Board Member/ Reviewer/Etc.)

S. N.	Name of the Work	Member	Place	From	To
1.	-	-	-	-	-

Place: Bharatpur

Date: 18-08-2023

Dr. (Smt) Kamallesh Verma

Assistant Professor, Physics

M. S. J. Govt. College, Bharatpur