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Assistant Professor, Department of Physics,

Bundelkhand University, Jhansi

DOB: 26 March 1974

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Educational Qualification:

Exam	Year	Board/ University	Marks	Subject
Ph.D	2007	BU, Jhansi (UP)	-	Physics
M.Sc.	1998	APS Univ. Rewa (MP)	70.5 %	Physics
B.Sc.	1996	APS Univ. Rewa (MP)	62.33 %	Phy, Chem, Maths
12 th	1992	MP Board, Bhopal (MP)	62.5 %	Maths Group
10 th	1989	MP Board, Bhopal (MP)	59.8 %	Science Group

Paper in International Journals: 05

1. Semicircular model for calculating electronic structure of alloys, SK Verma, SK Shrivastava, Man Singh and SS Rajpoot, IJRAR, 2022, 9(1), 196-201.
2. Non linear behaviour of cyanides crystals using ultrasonic techniques, Priyanka Tripathi, Pooja Bhambhani, S K Shrivastava, S K Verma and Kailash, JETIR, 2020, 6(5), 1014-1021.
3. Ultrasonic properties of sodium halides crystals, Priyanka Tripathi, Pooja Bhambhani, S K Shrivastava, S K Verma and Kailash, JETIR, 2019, 7(11), 558-572.
4. Non-destructive testing in railway industry by Ultrasonics, Vivek Kumar Khare, S K Shrivastava and S K Verma, JETIR, 2019, 6(2), 118-121.
5. Ultrasonics: Past, present and future, Priyanka Tripathi, S K Shrivastava, Pooja Bhambhani, S K Verma, Vivek Kumar Khare, IJEDR, 2019, 7(3), 611-615.

Paper in National Journals: 01

1. "Electronic structure of Cr-Al alloys" SK Verma, SS Rajput, Indian J. of pure and applied physics, Vol 46 March 2008, pp 204-208.

M.Phil Thesis Supervision / Co Supervision: 09

1. Electromagnetic waves in Dispersive and non dispersive medium By Shyam Tiwari (2012).

- Application of Al alloy and its applications By Santosh Kumar (2011).
- Characterization of Lanthanides By Rishabh Jain (2011).
- Preparation and Characterization of Nano structure pure ZnO thin film By Hemant Kumar Verma (2010).
- Crystal growth and thin film technology: Study of Chalcogenide thin film By Nitin Vijay (2010).
- Crystal growth and thin film technology: Study of amorphous germanium thin film By Deepak Kumar (2010).
- Characterization of Organic substances By Rekha Shukla (2009).
- Concept of structure determination and structure factor By Bhoopendra Singh (2007).
- Study of electronic structure of Ti-V alloys By Kalpana Kaushik (2007).

Books Edited: 06

SN	Year	Title of Books	Authors/Editors	Reference	ISSN/ISBN No.
1	2021	Basic Mathematical Physics	Amar Kumar "Dhariwai", Kailash Vishwakarma, Sanjeev Kumar Shrivastava, Surendra Kumar Verma	Golden Valley Publications	978-93-92907-03-6
2	2021	Newtonian Mechanics & Wave Motion	Amar Kumar "Dhariwai", Kailash Vishwakarma, Sanjeev Kumar Shrivastava, Surendra Kumar Verma	Golden Valley Publications	978-93-92907-04-3
3	2012	Elements of Modern Physics	S K Shrivastava, K Chaturvedi, S K Verma, Man Singh and Ashish Nautiyal	Shree Publishers, New Delhi	978-81-8329-482-9
4	2012	Applied Ultrasonics	S K Shrivastava, Kailash and S K Verma	Shree Publishers, New Delhi	978-81-8329-440-9
5	2011	New Dimensions of Physics	S K Shrivastava, Kailash, K Chaturvedi and S K Verma	Crescent Publishers, Allahabad	978-81-910494-1-1
6	2006	New Horizons of Ultrasonics	S K Shrivastava, Kailash, S K Verma, D K Sahu and Man Singh	Allied Publishers, New Delhi	81-8424-001-5

Chapters in Books: 06

- How to grow great crystals, SK Verma, SK Shrivastava, Man Singh and Pushpraj Singh, Elements of Modern Physics" Shree publisher, New Delhi, pp 109-111,2012.

2. Superconductivity, SK Verma, SK Shrivastava, Man Singh and Pushpraj Singh, Elements of Modern Physics" Shree publisher, New Delhi, pp 128-144,2012.
3. Elements of Ultrasonics, SK Shrivastava, SK Verma, Anjita Shrivastava and Kaustubh Chaturvedi, Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 311-322, 2012.
4. Ultrasound emitting animals, SK Shrivastava, Vijay Kumar Yadav, SK Verma and Rajeev Singh, Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 362-374, 2012.
5. Crucial role of NDT in present scenario SK Shrivastava, Kailash, Anchala, SK Verma and Anjita Shrivastava, Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 113-120,2012.
6. Present status and future direction of Ultrasonic testing, SK Shrivastava, Kailash, SK Verma, and Sachin Shrivastava, Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 354-365, 2012.

Papers in Proceedings: 09

1. Elements of Ultrasonics, S K Shrivastava, S K Verma, Anjita Shrivastava and Kaustubh Chaturvedi, Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 311-322,2012
2. Ultrasound Emitting Animals, S K Shrivastava, Vijay Kumar Yadav, S K Verma and Rajeev Singh, Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 362-374,2012
3. Crucial Role of NDT in Present Scenario, S K Shrivastava. Kailash, Anchala, S K Verma and Anjita Shrivastava, Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 113-120,2012
4. Present Status and Future Direction of Ultrasonic Testing, S K Shrivastava, Kailash, S K Verma and Sachin Shrivastava, Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 354-365,2012
5. Avinashi Parikshan: Ek Parichay, S K Shrivastava, S K Verma, Man Singh and Anchala, Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 139-145,2011
6. "Study of Ultrasonic velocity of mixture of Dimethyle acetate and chloroform solution of constant temp. 800C of polymer" DK Sahu, SK Verma, Atul Makraria, and Man Singh in 13 National symposium on Ultrasonics Organized by deptt. of Physics, Bundelkhand University Jhansi, during 21-23 Dec. 2004.
7. "Ultrasonic material Analysis in present scenario" SK Shrivastava, SK Verma, Kailash and Anjita in National conference on Ultrasonics Organized by deptt. of Physics, Bundelkhand University Jhansi, during 25-25 Mar. 2011.
8. "Ultrasonic welding: Acost effective" " SK Shrivastava, SK Verma and Anjita in National conference on Ultrasonics Organized by deptt. of Physics, Bundelkhand University Jhansi, during 25-25 Mar. 2011.
9. "Non destructive testing: An introduction" " SK Shrivastava, SK Verma, Man Singh and Anchala in National conference on Ultrasonics Organized by deptt. of Physics, Bundelkhand University Jhansi, during 25-25 Mar. 2011.

Conference/Symposia/Seminar Organized: 04

1. Worked as Treasurer in 30 National symposium on Ultrasonics-2004, Dec. 21-23, 2004 Organized by deptt. of Physics, Bundelkhand University Jhansi.
2. Worked as Treasurer in XXX National symposium on Electron microscopy and allied fields, Jan. 17-20, 2009 Organized by deptt. of Physics, Bundelkhand University Jhansi.
3. Worked as Treasurer in National conference on Ultrasonics, Mar. 25-26, 2011 Organized by deptt. of Physics, Bundelkhand University Jhansi.
4. Worked as Treasurer in National symposium on Acoustics, Nov. 17-19, 2011 Organized by deptt. of Physics, Bundelkhand University Jhansi.

Conference/Symposia/Seminar Attended: 09

1. 19th National symposium on Plasma science and technology 2004, Dec. 07-10, 2004 Organized by deptt. of Physics, Bundelkhand University Jhansi.
2. 30th National symposium on Ultrasonics-2004, Dec. 21-23, 2004 Organized by deptt. of Physics, Bundelkhand University Jhansi.
3. XXX National symposium on Electron microscopy and allied fields, Jan. 17-20, 2009 Organized by deptt. of Physics, Bundelkhand University Jhansi.
4. National seminar on emerging scenario in Forensic science, Oct. 23-24, 2009 Organized by deptt. of Forensic science, Bundelkhand University Jhansi.
5. National conference on emerging trends in chemical science, Feb. 24-26, 2010 Organized by deptt. of Chemistry, Bundelkhand University Jhansi.
6. National conference on role of Biodiversity in sustainable agriculture, Mar. 04-05, 2010 Organized by deptt. of Botany, Bundelkhand University Jhansi.
7. National seminar on role of Forensic science in criminal justice system, Mar. 04-05, 2011, Organized by deptt. of Forensic science, Bundelkhand University Jhansi.
8. National conference on Ultrasonics, Mar. 25-26, 2011, Organized by deptt. of Physics, Bundelkhand University Jhansi.
9. National symposium on Acoustics, Nov. 17-19, 2011, Organized by deptt. of Physics, Bundelkhand University Jhansi.