

DR SANJEEV KUMAR SHRIVASTAVA

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ACADEMIC QUALIFICATIONS

- Ph.D. (Physics), Thesis title 'Ultrasonics and Anharmonic Properties of Solids' 2003.
- M.Sc. (Physics) **77.50%**, 2000. (2nd position in university merit)
- B.Sc. (Physics and Mathematics) **80.74%**, 1998. (6th position in university merit)
- 10+2 (Maths Group) **72.1%**, 1995. (Distinction in PCM)

ADMINISTRATIVE EXPERIENCE

- Head, Department of Physics in Bundelkhand University, Jhansi 2018.
- Head, Department of Physics in Bundelkhand University, Jhansi from 2011.
- Coordinator, Department of Physics, Bundelkhand University, Jhansi 2008.
- Coordinator, Department of Physics, Bundelkhand University 2003.

CENTRE OF EXCELLENCE

- Centre of Excellence Project sanctioned for Rs 23.50 lakhs by Government of UP, Lucknow in 2008.

COMPUTATIONAL TECHNIQUES DEVELOPED

- Computational methods in optical Engineering and Programming.
- Computer programme in C++ to compute anharmonic properties of solids.
- Theory to compute third, fourth and fifth powers of numbers, divisibility and recurring decimals in hexadecimal number system using sutras and upsutras of vedic science.

Paper Published in International Journals

1	2022	Semicircular model for calculating electronic structure of alloys	S K Verma, S K Shrivastava, Man Singh and S S Rajpoot	IJRAR, 2015, 9(1), 196-201
2	2020	Non linear behaviour of cyanides crystals using ultrasonic techniques	Priyanka Tripathi, Pooja Bhambhani, S K Shrivastava, S K Verma and Kailash	IJETIR, 2020. 6 (5), 1014-1021
3	2019	Non-destructive testing in railway industry by Ultrasonics	Vivek Khare, S K Shrivastava and S K Verma	IJETIR, 2019. 6 (2), 118-121
4	2019	Study of defects by using Non-destructive testing through pulse echo method in iron and aluminium material	Anjita Shrivastava, S K Shrivastava, Vibhav K Saraswat	IJEDR, 2019, 7(2), 516-521

5	2019	Ultrasonics: Past, present and future	Priyanka Tripathi, S K Shrivastava, Pooja Bhambhani, S K Verma, Vvivek Kumar Khare	IJETIR, 2019, 7(3), 611-615
6	2019	Ultrasonic properties of sodium halides crystals	Priyanka Tripathi, Pooja Bhambhani, S K Shrivastava, S K Verma and Kailash	IJETIR, 2019, 7(11), 558-572
7	2019	Detection of defects by ultrasonic technique in iron & aluminium material	Anjita Shrivastava, Dr Vibhav K Saraswat and Sanjeev K Shrivastava	IJETIR, 2019, 6(6), 336-348
8	2019	Ultrasonic behaviour of potassium halide crystals	Priyanka Tripathi, Pooja Bhambhani, S K Shrivastava and Kailash	IJETIR, 2019, 6(6), 1300-1303
9	2015	Elastic and Electronic Properties of TiC and TiN Crystals	Jitendra Kumar, S K Shrivastava, Ramesh Sharma, M Singh and K C Bhanu	Macromol. Symp. 2015, 357, 129-132
10	2014	Mass Production Night Vision Objective For Military Drivers Night Sight	Rao PN, Shrivastava SK, Likhitha CH and Nagamani R	IJPRET, 3(4) pp 14-18
11	2014	Helicopter Mounted Articulated Optical Day Sight For Acquiring Combat Tank Targets	Rao PN, Shrivastava SK, Likhitha CH and Nagamani R	IJPRET, 3(4) pp 41-59
12	2014	Optical Design Of Direct View Day Optics Folded In Three Cartesian Axes	Rao PN, Shrivastava SK, Likhitha CH and Nagamani R	IJPRET, 3(4) pp 19-40
13	2014	2.0 mW Er- Doped 1550nm Suoer Flourescent Fiber Source for Single Axis Missile Fiber Optic Gyroscope	P Nageswara Rao and S K Shrivastava	IJPRET, 3(3) pp 1-7
14	2014	All Spherical Military Wide Angle Aerial Reconnaissance Camera Optics	P Nageswara Rao and S K Shrivastava	IJPRET, 3(3) pp 8-13
15	2014	Small Volume Light Weight 1550 nm Super Flourescent Fiber Source for Missile Fiber Optics Gyroscope	P Nageswara Rao and S K Shrivastava	IJPRET, 3(3) pp 8-13
16	2014	1.3 mW 1550 nm Er Doped Super Flourescent Fiber Source for Missile Fiber Optics Gyroscope	P Nageswara Rao and S K Shrivastava	Jornal of Advances in Physics, 5 (3) pp 993-1000
17	2014	Temperature Variation of Anharmonic Properties of CdO, CoO and FeO Crystals	Jitendra Kumar, S.K. Shrivastava and Kailash	CAMSR, 2013, Vol 1 (2), pp 1-8
18	2013	Development of 3.6 mW Er-doped C-band Super Flourescent Fiber Source Pumped at 980 nm	P Nageswara Rao and S K Shrivastava	Opt. Pura Apl. 46 (3) 249-256

19	2012	Effects of Ultrasonic Pressure near T_c in Pure and Copper Sulphate Doped Triglycine Sulphate Crystal at Phase	Ashish Nautiyal, Trilok Chandra Upadyay, Sanjeev Kumar Srivastava, Pushp Raj, Sachin Srivastava, Mayank Joshi and Pramod Sati	Int. J. of Theoretical and Applied Physics, 2(11) pp
20	2011	Frequency Dependence of Ultrasonic Wave Velocity in Some Organic Compounds from 1-8 MHz	Jiendra Kumar, Kailash, Virendra Kumar and S K Shrivastava	Mindshare International Journal of Research & Development, I (3&4) pp 1-5
21	2011	Ultrasonic Attenuation in Calcium Oxide	Jitendra Kumar, Kailash, S. K. Shrivastava, Devraj Singh and Virendra Kumar	Int. J. Advances in Materials Physics and Chemistry, 1 pp 44-49
22	2007	Anharmonic Properties of Rocksalt Structure Solids	Kailash, K.M. Raju, S.K. Shrivastava and K. S. Kushwaha	Physica B, 390 pp 270-280
23	2007	Ultrasonic Study of Highly Conducting Metals	S.K. Shrivastava, Kailash, and K.M. Raju	Ind. J. Phys., 81(3) pp 351-361
24	2005	Thermophysical Properties of Alkali Halides	S.K. Shrivastava, Kailash and K.M. Raju	Ind. J. Phys., 79(6) pp 647-649

Published National Journals

1	2016	Ultrasonic Wave Propagation through Calcium Oxide Single Crystal in High Temperature Range	Jitendra Kumar, S K Shrivastava and Kailash	J. Pure Appl. Ultrason., 38 pp 1-4
2	2013	Temperature Dependent Anharmonic Properties of Calcium Oxide Crystal	Jitendra Kumar, Virendra Kumar, Kailash and S.K. Shrivastava	J. Pure Appl. Ultrason., 35 pp 30-34
3	2011	Orientation Dependence of Ultrasonic Attenuation for Calcium Oxide in High Temperature Range	Kailash, S.K. Shrivastava and Jitendra Kumar	J. Acous. Soc. Ind., 38-4 pp 190-193
4	2009	Anharmonic Properties of Sodium Chloride	Kailash, S.K. Shrivastava and Jitendra Kumar	J. Acous. Soc. Ind., 36-2 pp 72-80
5	2006	Ultrasonic Wave Velocities in Rock Salt Structure Solids	Kailash, K.M. Raju, S.K. Shrivastava and K S Kushwaha	J. Pure App. Ultra., 28(2-4) pp 185-190
6	2006	Acoustical Investigation in Magnesium Oxide	Kailash, K.M. Raju and S.K. Shrivastava	J. Pure Appl. Phys., 44 pp 230-234
7	2005	Temperature Dependence of Ultrasonic Velocities	Kailash, K.M. Raju, S.K. Shrivastava and P. Khare	J. Acous. Soc. Ind., 33 pp 135-143
8	2005	Internal Structure, Inherent and Anharmonic Properties of Some Mono- and Di-valent Materials	Kailash, K.S. Kushwaha, S.K. Shrivastava and K.M. Raju	J. Pure App. Ultra., 27 pp 29-36
9	2005	Study of Acoustic Damping in Magnesium Oxide	Kailash, K.M. Raju, S.K. Shrivastava and P. Khare	J. Acous. Soc. Ind., 33 pp 168-176
10	2005	Shock Wave and its Medical Applications	S.K. Shrivastava and Kailash	J. Bio. Sc., 30 pp 269-275

Books Published

1	2021	Basic Mathematical Physics	Amar Kumar Dhariwai, Kailash Vishwakarma, S K Shrivastava and S K Verma	Golden Valley Publications, Agra
2	2021	Newtonian Mechanics & Wave Motion	Amar Kumar Dhariwai, Kailash Vishwakarma, S K Shrivastava and S K Verma	Golden Valley Publications, Agra
3	2013	Advanced Ultrasonics	S K Shrivastava, Kailash, Ashish Nautiyal, Sachin Shrivastava, Pushraj Singh and Amit Kumar Sahu	Crescent Publishers, Allahabad
4	2012	Ultrasonics: Theory & Applications	S K Shrivastava, Kailash, Anchala, S Shrivastava and Pushpraj Singh	Shree Publishers, New Delhi
5	2012	Elements of Modern Physics	S K Shrivastava, K Chaturvedi, S K Verma, Man Singh and Ashish Nautiyal	Shree Publishers, New Delhi
6	2012	Acoustics Waves	S K Shrivastava, Kailash and S K Verma	Shree Publishers, New Delhi
7	2012	Applied Ultrasonics	S K Shrivastava, Kailash and K Chaturvedi	Shree Publishers, New Delhi
8	2011	New Dimensions of Physics	S K Shrivastava, Kailash, K Chaturvedi and S K Verma	Crescent Publishers, Allahabad
9	2008	Mechanics, Oscillations & Properties of Matter	S K Shrivastava, Y K Kulshrestha and D K Sahu	Anusandhan Publishers, Kanpur
10	2008	Electricity, Magnetism & Electromagnetic Theory	S K Shrivastava, Y K Kulshrestha and D K Sahu	Anusandhan Publishers, Kanpur
11	2006	New Horizons of Ultrasonics	S K Shrivastava, Kailash, S K Verma, D K Sahu and Man Singh	Allied Publishers, New Delhi
12	2006	International Encyclopaedia of Physical Science and Technology (Volume-I)	S K Shrivastava	Anmol Publishers, New Delhi
13	2006	International Encyclopaedia of Physical Science and Technology (Volume-II)	S K Shrivastava	Anmol Publishers, New Delhi
14	2006	International Encyclopaedia of Physical Science and Technology (Volume-III)	S K Shrivastava	Anmol Publishers, New Delhi
15	2006	International Encyclopaedia of Physical Science and Technology (Volume-IV)	S K Shrivastava	Anmol Publishers, New Delhi
16	2006	International Encyclopaedia of Physical Science and Technology (Volume-V)	S K Shrivastava	Anmol Publishers, New Delhi
17	2006	Kinetic Theory, Thermodynamics and Statistical Physics	S K Shrivastava, Y K Kulshrestha and D K Sahu	Anusandhan Publishers, Kanpur
18	2006	Waves, Acoustics and Optics	S K Shrivastava, Y K Kulshrestha and D K Sahu	Anusandhan Publishers, Kanpur
19	2006	Encyclopaedia of Physics	Anandi Bhardwaj and S K Shrivastava	Anmol Publishers, New Delhi

Books Published (Literature)

1	2004	कुछ खामोश यार्दे- एक कविता संग्रह	डॉ संजीव कुमार श्रीवास्तव	मयूर प्रकाशन, झांसी
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International Paper Published in Proceedings

1	2013	Material Characterization by Ultrasonic Attenuation measurement in Solids	Apurva Gupta, Yudhisther K Yadav, Reeta Gupta and S K Shrivastava	Proceedings of International Conference on Acoustics, ICA 2013, NewDelhi pp 729-734
2	2012	Study of ultrasonic attenuation in magnesium oxide at elevated temperatures	S.K. Shrivastava, Anchala and Kailash	ICA-2011, Poland, AIP Conference Proceedings, Vol. 1433 pp 543-546
3	2010	Temperature variation of anharmonic properties of tellurium oxide single crystal	Kailash and S.K. Shrivastava	Proceedings of 20th International Congress on Acoustics, ICA 2010, Sydney pp 173-183
4	2007	Recurring Decimals for Denominator with N-Digits	Kailash, S.K. Shrivastava and Priyanka Mishra	Proc., W. Cong. Ved. Sci., Varanasi, pp 102-106
5	2004	Numerical Codes used in Ancient Indian Literature	A. K. Sharma, S.K. Shrivastava and Kailash	Proc., W. Cong. Ved. Sci., Bangalore, pp 340-344
6	2004	Powers of Numbers, Divisibility and Recurring Decimals using Sutras and Upsutras of Vedic Mathematics	A. K. Sharma, S.K. Shrivastava and Kailash	Proc., W. Cong. Ved. Sci., Bangalore, pp 345-348

National Paper Published in Proceedings

1	2013	Fourth Order Elastic Constants of Cyanides and Halides Crystals	S K Shrivastava, Kailash and Ashish Nautiyal	Proc. Nat. Conf. Ultrasonics, Advanced Ultrasonics, Jhansi, pp 19-50
2	2013	The First and Second Order Pressure Derivatives of Cyanides and Halides Crystals	S K Shrivastava, Kailash and Rajendra Kumar	Proc. Nat. Conf. Ultrasonics, Advanced Ultrasonics, pp 51-64
3	2013	Developments of Non-destructive Testing	Anchala, S K Shrivastava, Kailash and Rajendra kumar	Proc. Nat. Conf. Ultrasonics, Advanced Ultrasonics, pp 74-83
4	2013	The First Order Pressure Derivatives of Third order Elastic Constants of Cyanides and Halides Crystals	S K Shrivastava and Kailash	Proc. Nat. Conf. Ultrasonics, Advanced Ultrasonics, pp 93-102
5	2013	Non-destructive Testing for Human Life	Anchala, S K Shrivastava and Kailash	Proc. Nat. Conf. Ultrasonics, Advanced Ultrasonics, pp 124-134
6	2013	Role of Internet in the Study of NDT	Anchala, S K Shrivastava and Kailash	Proc. Nat. Conf. Ultrasonics, Advanced Ultrasonics, pp 153-161
7	2013	Third Order Elastic constants of Cyanides and Halides Crystals	S K Shrivastava and Kailash	Proc. Nat. Conf. Ultrasonics, Advanced Ultrasonics, pp 170-180

8	2012	Charaterizations of Fossil Oils by Ultrasonic Techniques	Kailash, Chandan Gupta and S K Shrivastava	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 61-70
9	2012	Characterization of Impure Diesel	Kailash, Chandan Gupta and S K Shrivastava	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 71-80
10	2012	Anharmonic Properties of CdO, CoO, FeO and TeO in High Temperature Range	Jitendra Kumar, Kailash, S K Shrivastava, Virendra Kumar and K S Kushwaha	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 132-143
11	2012	Temperature Variation of Ultrasonic Velocity in Some Organic Pathological Compounds at Different Frequencies	Jitendra Kumar, Kailash, S K Shrivastava, Virendra Kumar and R P Singh	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 144-151
12	2012	Elastic Constants of some Manganese Compounds at Different Teperatures	S K Shrivastava, Kailash, Rahul Gupta and Anjita Shrivastava	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 152-160
13	2012	Characterization of Pathologically used P-Xylene	Kailash, Shivshankar, S K Shrivastava and R K Shrivastava	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 298-310
14	2012	Elements of Ultrasonics	S K Shrivastava, S K Verma, Anjita Shrivastava and Kaustubh Chaturvedi	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 311-322
15	2012	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
16	2012	Ultrasonic Attenuation in High Temperature Range	Virendra Kumar, Kailash, S K Shrivastava and Jitendra Kumar	Proc. Nat. Symp. Acoustics, Applied Ultrasonics, Jhansi, pp 388-399
17	2012	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
18	2012	Noise Pollution: A Silent Poison	S K Shrivastava, Kailash, Anjita Shrivastava and Shweta Goswami	Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 206-219
19	2012	Anharmonic Behaviour of Rubidium Halides	S K Shrivastava, Kailash, R P Singh and Devendra Singh	Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 298-305
20	2012	Thickness Measurement in Metals using Ultrasonics	S K Shrivastava, Kailash, Anchala and Pushpraj Singh	Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 323-328
21	2012	Preset 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

22	2012	Charaterization of Nanomaterials	Kailash. S K Shrivastava, V Kumar and S S Vishwakarma	Proc. Nat. Symp. Acoustics, Acoustic Waves, Jhansi, pp 462-476
23	2011	Fundamental of Ultrasonics	S K Shrivastava, Akanksha Shrivastava and Rahul Gupta	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 17-21
24	2011	New Dimensions of Ultrasonics	S K Shrivastava, Kailash and Virendra Kumar	Proc. Nat. Conference on Ultrasonics New Dimensions of Physics, Jhansi, pp 48-54
25	2011	An Introduction to Non-destructive Testing	S K Shrivastava, Kaiash, Anchala and Jaswant Singh	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 65-74
26	2011	Ultrasonic Material Analysis in Present Scenario	S K Shrivastava, Kailash, S K Verma and Anjita	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 84-86
27	2011	Higher Order Elastic Constants for Alkali Cyanides and Halides	S K Shrivastava and Kailash	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 99-110
28	2011	Ultrasonic Welding: A Cost Effective	S K Shrivastava, S K Verma and Anjita	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 111-113
29	2011	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
30	2011	Ultrasonic Study of Some Inorganic Pathological Compounds	J Kumar, Kailash, S K Shrivastava, R P Singh and V Kumar	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 158-162
31	2011	Characterization of Nanofluids	Kailash, S K Shrivastava, R P Singh and S S Vishwakarma	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 181-189
32	2011	Ultrasonic behaviour of Some Organic Compounds	Virendra Kumar, Kailash, S K Shrivastava and Jitendra Kumar	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 204-207
33	2011	Computational Methods for Measurement of Elastic Constants for Solids	S K Shrivastava and Abhinav Shrivastava	Proc. Nat. Conference on Ultrasonics, New Dimensions of Physics, Jhansi, pp 215-227
34	2010	Ultrasonic study of Some Organic Pathological compounds	Kailash, S.K. Shrivastava and Jitendra Kumar	J. Acous. Soc. Ind., Proceedings NSU, 37-1 pp 129-133

35	2010	Orientation Dependence of Ultrasonic Attenuation for Calcium Oxide in High Temperature Range	Kailash, S.K. Shrivastava and Jitendra Kumar	J. Acous. Soc. Ind., Proceedings NSU, 37-1 pp 139-143
36	2009	Ultrasonic Attenuation in Calcium Oxide Crystals	Kailash, S.K. Shrivastava and Jitendra Kumar	Proc. National Symp on Ultrasonics, Vellore, pp 343-346
37	2009	Temperature variation of anharmonic properties of NaBr and NaI crystals	Kailash, S.K. Shrivastava and Jitendra Kumar	Proc., National Symposium on Acoustics, RCI, Hyderabad, pp 343-46
38	2008	Anharmonic Properties of Sodium Fluoride Crystals	Kailash, S.K. Shrivastava and Jitendra Kumar	Proc. National Symp on Ultrasonics, Varanasi, pp 285-290
39	2006	Vedic Mathematics: Recurring Decimals	Kailash, S.K. Shrivastava and Priyanka Mishra	Proc., National Seminar on Bhaskariyam-Bharatiyam-Dhanvantariyam, Bangalore, pp 66-67
40	2006	A Brief Introduction to Ultrasonics	S K Shrivastava	Proc. National Symp on Ultrasonics, New Horizons of Ultrasonics, Jhansi, pp 09-13
41	2006	Temperature Dependence of Ultrasonic Attenuation in Magnesium Oxides	Kailash, S K Shrivastava, K M Raju and Poornima Khare	IProc. National Symp on Ultrasonics, New Horizons of Ultrasonics, Jhansi, pp 114-125
42	2006	Temperature Dependence of Higher Order Elastic Constants of Potassium Halide Crystals	Kailash, S K Shrivastava and K M Raju	Proc. National Symp on Ultrasonics, New Horizons of Ultrasonics, Jhansi, pp 126-130
43	2006	Anharmonicities of Some Magnesium Compounds	Kailash, S K Shrivastava and K M Raju	Proc. National Symp on Ultrasonics, New Horizons of Ultrasonics, Jhansi, pp 131-135

Ph.D. Thesis Supervised

1	2022	Priyanka Tripathi	Characterization of Alkali Cyanides and Halides
2	2020	Anjita Shrivastava	Study of Ultrasonic Non Destructive Testing of Various Materials
3	2011	Jitendra Kumar	Analysis of Anharmonic Behaviour of Sodium Halides and Oxides of Cd, Co, Fe and Te using Ultrasonic Techniques
4	2014	Anchala	Non-destructive Testing of Metals using Ultrasonic Testing
5	2014	P.N. Rao	Modeling and Simulation of Superfluorescent Fiber Source at 1550 nm and its Characterization

Ph.D. Thesis Supervision

1	2017	Deepti Khare	Study of Ultrasonic Parameters of Chalcogenides
2	2017	Vivek Kumar Khare	Study of Ultrasonic Non-destructive Testing in Railway Industry
3	2018	Mohini Kuldevi	Characterization of Some Oxides Using Ultrasonic Techniques

Abroad Visit

1	December 14-16, 2011	Symposium on Acoustics of Poro-elastic Materials	University of Ferrara, Ferrara (Italy)
2	September 05-08, 2011	International Congress on Ultrasonics	University of Gdansk, Gdansk (Poland)

Convened Conferences/ Symposia/ Workshops

1	Convener	March 08, 2022	National Conference on Contribution of Women in Science & Technology	BU Jhansi
2	Convener	February 01-28, 2022	SCIENCE FESTIVAL-2022	BU Jhansi
3	Convener	October 12-14, 2020	National Conference Popularity of Science among the Society	BU Jhansi
4	Co Convener	October 18-20, 2019	ISRO Space Exhibition	BU Jhansi
5	Technical Adviser	March 7-12, 2014	International Workshop on Modelling of Materials	BU Jhansi
6	Member of Organizing Committee	October 30-31, 2012	National Symposium on Ultrasonics	NPL, New Delhi
7	Convener	November 17-19, 2011	National Symposium on Acoustics	B.U., Jhansi (UP)
8	Convener	March 25-26, 2011	National Conference on Ultrasonics	B.U., Jhansi (UP)
9	Co-coordinator	December 13-18, 2010	Science Camp under INSPIRE sponsored by DST, New Delhi	B.U., Jhansi (UP)
10	Member, Executive Committee	March 4-5, 2010	National Conference on Role of Bio-diversity in Sustainable Agriculture	B.U., Jhansi (UP)
11	Member, Executive Committee	February 24-26, 2010	National Conference on Emerging Trends in Chemical Sciences	B.U., Jhansi (UP)
12	Member, Steering Committee	December 26-29, 2009	National Science and Culture Exhibition	BDG SVMI College, Jhansi
13	Member, Organizing Committee	October 23-24, 2009	National Seminar on Emerging Scenario in Forensic Science	B.U., Jhansi (UP)
14	Convener	January 17-20, 2009	30th National Conference on Electron Microscopy & Allied Fields	B.U., Jhansi (UP)

15	Convener	March 14-15, 2008	Workshop and Seminar on Nanotechnology Ke Yug Ka Uday	B.U., Jhansi (UP)
16	Convener	February 28, 2008	National Science Day-2008	B.U., Jhansi (UP)
17	Member, Organizing Committee	January 6-8, 2005	Second International Conference on Recent Advances in Biomedical and Therapeutic Sciences	B.U., Jhansi (UP)
18	Member, Organizing Committee	December 07-10, 2004	National Conference on Plasma Science & Technology	B.U., Jhansi (UP)
19	Convener	December 21-23, 2004	Thirteenth National Symposium on Ultrasonics	B.U., Jhansi (UP)
20	Member, Organizing Committee	January 13-15, 2004	First International Conference on Recent Advances in Biomedical and Therapeutic Sciences	B.U., Jhansi (UP)

Scientific Participation

1	June 05, 2020	National Webinar on World Environment Day 2020	BNV PG College, Rath
2	September 06, 2020	National Webinar on Indian Education Policy	BJDC, Jhansi
3	May 06, 2020	Recent Trends in Computer Technology	The New College, Chennai
4	June 05, 2020	World Environment Day	BBC, Jhansi
5	September 26-27, 2020	Vaidik Ganit: Vigyan aur Prodhogiki	Shiksha Sanskriti Utthan Nyas, New Delhi
6	July 08-15, 2020 One Week	Workshop on Vaidik Ganit	Shiksha Sanskriti Utthan Nyas, New Delhi
7	September 04, 2020	New Education Policy: Steps Towards Holistic and Multidisciplinary Education	IQAC, BNV College, Rath
8	September 24, 2020	National Education Policy -2020	Vibha Kanpur
9	September 01-07, 2014 One Week	One Week Faculty Development Program	B.U., Jhansi (UP)
10	March 7-12, 2014	International Workshop on Modelling of Materials	B.U., Jhansi (UP)
11	November 10-15, 2013	International Conference on Acoustics	NPL, New Delhi
12	August 07-19, 2013 Two Weeks	Two Weeks Faculty Development Programme on Entrepreneurship	B.U., Jhansi (UP)
13	December 14-16, 2011	Symposium on Acoustics of Poro-elastic Materials	University of Ferrara, Ferrara (Italy)
14	November 17-19, 2011	National Symposium on Acoustics	B.U., Jhansi (UP)
15	September 05-08, 2011	International Congress on Ultrasonics	University of Gdansk, Gdansk (Poland)
16	March 25-26, 2011	National Conference on Ultrasonics	B.U., Jhansi (UP)
17	March 4-5, 2011	National Seminar on Role of	B.U., Jhansi (UP)

		Forensic Science in Criminal Justics System	
18	November 11-13, 2010	National Symposium on Acoustics	Govt PG College, Rishikesh (UK)
19	March 4-5, 2010	National Conference on Role of Biodiversity in Sustainable Agriculture	B.U., Jhansi (UP)
20	February 24-26, 2010	National Conference on Emerging Trends in Chemical Sciences	B.U., Jhansi (UP)
21	December 19-20, 2009	Workshop on Ultrasonics	VIT, Vellore (TN)
22	December 21-23, 2009	National Symposium on Ultrasonics	VIT, Vellore (TN)
23	October 23-24, 2009	National Seminar on Emerging Scenario in Forensic Science	B.U., Jhansi (UP)
24	January 17-20, 2009	National Conference on Electron Microscopy and Allied Fields	B.U., Jhansi (UP)
25	March 14-15, 2008	Nanotechnology Ke Yug Ka Uday	B.U., Jhansi (UP)
26	February 28, 2008	National Science Day-2008	B.U., Jhansi (UP)
27	January 12-13, 2008	Water Pollution, Conservation and Underground Level: Scientific & Technical Aspects	B.B.C., Jhansi (UP)
28	April 30, 2007	Health and Education Growth through Individual Contribution	New Delhi
29	November 16-17, 2006	National Symposium on Acoustics	N.P.L., New Delhi
30	November 15, 2006	Noise Control Measures in DG Sets	N.P.L., New Delhi
31	November 01-03, 2006	National Symposium on Ultrasonics	University of Allahabad, UP
32	February 16-18, 2006	National Symposium on Ultrasonics	N.P.L., New Delhi
33	January 06-08, 2005	Second International Conference on Recent Advances in Biomedical and Therapeutic Sciences	B.U., Jhansi (UP)
34	January 13-15, 2004	First International Conference on Recent Advances in Biomedical and Therapeutic Sciences	B.U., Jhansi (UP)
35	December 21-23, 2004	National Symposium on Ultrasonics	B.U., Jhansi (UP)
36	November 03-05, 2003	National Symposium on Ultrasonics	GND University, Amritsar (PB)

Fellowship/Awards/ Certificates/ Distinctions

1	2019	2nd Best Poster Presentation	Rashtriya Vigyan Sangosthi, BARC & BU
2	2011	Best Oral Presentation Award	ASI, New Delhi & BU Jhansi
3	2011	Best Paper Award	ASI, New Delhi & BU Jhansi
4	2011	International Travel Grant	UGC, New Delhi & BU Jhansi

5	2011	ITS Fellowship	DST, New Delhi
6	2011	International Travel Fellowship	CICS, Chennai
7	2010	Second Prize in Oral Presentation	B.U., Jhansi (UP)
8	2009	Best Micrograph Award	B.U., Jhansi(UP)
9	2007	Life Time Education Achievement Award-2006	HEDO, New Delhi
10	2006	Who's Who in Science & Engineering 2006	Marquis Who's Who Committee, NJ, (USA)
11	2000	Certificate of Merit in M.Sc.	B.U., Jhansi (UP)
12	1998	Certificate of Merit in B.Sc.	B.U., Jhansi (UP)

Invited and Popular Lectures Delivered

1	February 28, 2022	Sir CV Raman & His Life	SF-2022, BU, Jhansi
2	June 06, 2021	New Education Policy	BJDC, Palinda, Jhansi
3	February 22-24, 2020	Acoustics: Social Impact	STEM-2020, BBC, Jhansi
4	November 17-19, 2011	How to Manage Noise Pollution	National Symposium on Acoustics, B.U., Jhansi (UP)
5	March 25-26, 2011	Developments of Non-destructive Testing	National Conference on Ultrasonics, B.U., Jhansi (UP)
6	March 4-5, 2011	Physics and Forensic Science in Present Scenario	National Seminar on Role of Forensic Science in Criminal Justics System, B.U., Jhansi (UP)
7	February 24-26, 2010	Ultrasonics in Today's Cleaning Chemistries	National Conference on Emerging Trends in Chemical Sciences, B.U., Jhansi (UP)
8	January 17-20, 2009	Computational Challenges in Electron Microscopy	National Conference on Electron Microscopy and Allied Fields, B.U., Jhansi (UP)
9	March 14-15, 2008	Spiritual Nanotechnology	Seminar on Nanotechnology Ke Yug Ka Uday, B.U., Jhansi (UP)
10	December 21-23, 2004	Computational Methods used in Ultrasonics	National Symposium on Ultrasonics, B.U., Jhansi (UP)

Scientific Association

1	2019-2022	Vijnana Bharati, Brahmavart (Kanpur)	Prant Sachiv
2	2014-16	Acoustical Society of India, NPL New Delhi	Elected Member of Executive Council
3	2012-14	Ultrasonics Society of India, New Delhi	Elected Member of Executive Council
4	2009	Material Research Society of India, Bangalore	Life Membership
5	2008-10	Ultrasonics Society of India, New Delhi	Elected Member of Executive Council
6	2008	Electron Microscope Society of India, Trivendrum	Life Membership
7	2006-08	Ultrasonics Society of India, New Delhi	Elected Member of Executive Council

8	2006	Acoustical Society of India, New Delhi	Life Membership
9	2004	Indian Science Congress Association	Life Membership
10	2004-06	Ultrasonics Society of India, New Delhi	Elected Member of Executive Council
11	2004	Vijnana Bharati, Brahmavart (Kanpur)	Life Membership
12	2004	Indian Physics Association, Mumbai	Life Membership
13	2003	Ultrasonics Society of India, New Delhi	Life Membership