

RESUME



Personal Details:-

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Academic /Teaching Experience:- **22 Years**

1. Since 01 Aug 2012 to till date as permanent Lecturer in Deptt. of Physics, D.A.V. (P.G.) College, Bulandshahr.
2. From 2003 – 31 July 2012 as permanent Lecturer in Deptt. of Physics, D.N. (P.G.) College Gulaothi.
3. From 1999-2003 in Deptt. of Physics, D.A.V. (P.G.) College., Bulandshahr.
4. From 1997-99 in Deptt. of Physics, Agarsen Degree College, Sikandrabad.
5. From 1996-97 in Deptt. of Physics, D.N. (P.G.) College, Gulaothi.

Orientation and Refereshher Courses:-

1. Orientation Programme in ASC-Shimla since 14 May 2004 to 10 June 2004.
2. Refresher Course in ASC-Delhi since 07 Feb 2005 to 26 Feb 2005.
3. Refresher Course in ASC-AMU since 20 Jan 2010 to 10 Feb 2010.
4. Orientation Course on NSS in Ch. Charan Singh Univ. Since 06 Feb 2006 to 15 Feb 2006.
5. Refresher Course in ASC-AMU since 28 Aug 12 to 16 Sep 12.
6. Workshop on Solar energy in MNIT Bhopal.

Administrative Experience:-

(A) In DAV (PG) College, Bulandshahr:-

1. As **IQAC Incharge** since Aug 13 to till date.
2. As **HOD Physics** since Aug 13 to till Date.

(B) In D.N. (P.G.) College, Gulaothi :-

1. As **Acting Principal** on dated 17, 18, and 19 September 2005.
2. As **Programme Officer** for N.S.S. Unit since 2005 to 2008.
3. As **Games Superintendent** since 2004-2006 & 2010 - 2013.
4. As **Procter** since 2005 to 2013.

(C) Others:-

1. As **Subject Expert** in Interviews of T.G.T./P.G.T conducted by Madhyamik Siksha Seva Chayan Board , Allahabad, on 15,16 September 2004 and 8,9 May 2006.
2. Worked as **Observer** deputed by Madhyamik Siksha Seva Chayan Board , Allahabad on 5 May 2005, 4 September 2005, 15 Jan 2006 and 28 Feb 2006.

Academic Qualifications:-

1. PhD (Physics) in 2011 from Jodhpur National University, Rajasthan, India.
2. MBA (HRM) in 2009 with 71% from Vinayaka Mission University.
3. M.Phil. (Physics) in 2007 from Periyar University, Salem, Tamilnadu.
4. UGC-CSIR test qualified in June 1999.
5. GATE (Physics) with 82.19 percentile in 2001.
6. M.Sc. (Electronics) in 1996 with first div. from M.M.H.(P.G.)Co., Ghaziabad affiliated by C.C.S. Univ., Meerut.
7. L.L.B.(Taxation) in 1996 with second div. from M.M.H.(P.G.)Co., Ghaziabad affiliated by C.C.S. Univ., Meerut.
8. B.Sc. (PCM) in 1994 with first div. from D.A.V.(P.G.)Co., Bulandshahr

affiliated by C.C.S.Univ., Meerut.

9. Intermediate (PCMB) in 1991 with first div. from D.A.V. Inter College, Bulandshahr affiliated by U.P. Board, Allahabad.
10. High School (Science) in 1989 with first div. from D.A.V. Inter College, Bulandshahr affiliated by U.P. Board, Allahabad.
11. COPA (Computer Diploma) with 78% in 2001 from I.T.I.

Research Activities:-

1. 19 papers published in International / National Journals.
2. 2 papers in proceedings of International Conferences.
3. 1 paper presented in National Seminar.
4. 4 National & 2 International Seminars attended.
5. 3 Books Published.
6. Approved Ph.D Supervisor and Visiting Faculty member of Department of Physics in CMJ University, Meghalaya and in Shri Venketeshwara University, Gajraula, UP.
7. Supervised one research scholar for PhD in Shri Venketeshwara University, Gajraula, UP.
8. Guided 17 MPhil Projects.
9. Visiting Lecturer in various school and colleges.

LIST OF PAPERS PUBLISHED/ACCEPTED

1. *Laser Raman and IR spectra of biomolecule : 6-aminouracil.*
Asian Journal of Physics, Vol 9, No. 2 (2000), 487-489. ISSN 09713093
2. *Laser Raman and FTIR spectra of 2-amino-5-methylpyridine.*
Asian Journal of Physics, Vol 9, No. 2 (2000), 509. ISSN 09713093
3. *Fourier transform Raman spectrum and ab initio and density functional computations of the vibrational spectrum, molecular geometry, atomic charges and some molecular properties of anticarcinogenic drug : 5-fluorouracil.*
Journal of Raman Spectroscopy, Vol 31, (2000), 595-603. ISSN 10974555
4. *FTIR & FT-Raman spectra of 5-methyluracil (thymine)*
Journal of Raman Spectroscopy, Vol 31, (2000), 1005-1012. ISSN 10974555
5. *Vibrational spectra and thermodynamics of anthranilonitrile molecule.*
Indian Journal of Pure & Applied Physics, Vol 38, (August 2000), 564-569. ISSN 09751041
6. *Laser Raman and IR spectra and force fields for 2,4-dichlorobenzonitrile.*
Spectrochimica Acta Part A, Vol 57, (2001), 209-216. ISSN 13861425
7. *Electrical Resistivity and Magnetic susceptibility of 10% Pr-doped YBa₂Cu₃O_{7-x} at High Temperatures.*
Acta Ciencia Indica, (2010),467-469,Pragati Prakashan. ISSN 0253732X
8. *Variation in Hall Coefficient of Vacuum Evaporated ZnTe Thin Film with E-M Field.*
International Transactions in Applied Sciences. (July 2010), Vol. 2, No. 3, 587-590. ISSN 09753761, 09747273
9. *A Mossbauer Spectroscopic study of the Mahadevpur Meteorite.*
International Transactions in Applied Sciences. (Oct 2010), Vol. 2, No. 4, 699-702. ISSN 09753761, 09747273
10. *Effect of E-M Field on Hall Coefficient of Zn Te Thin Film.*
Journal of Pure and Applied Science and Technology, (July 2011), Vol. 1, No. 1, 1-3. ISSN 22499970, 22314202
11. *The RF Stimulated DC & Magneto Conduction Processes In Geo-Rock Crystals Granitoids.*
Journal of Pure and Applied Science and Technology, (July 2011), Vol. 1, No. 1, 63-65. ISSN 22499970, 22314202
12. *Thermochromic Studies of MEH-PPV.*
Journal of Pure and Applied Science and Technology, (Jan 2012), Vol. 2, No. 1, 32-36. ISSN 22499970, 22314202
13. *Effect of E-M Field on Hall Coefficient of CdS Thin Film.*
Journal of Pure and Applied Science and Technology, (Jan 2012), Vol. 2, No. 1, 124-126. ISSN 22499970, 22314202
14. *Effect of Growth Conditions on Conductivity of Indium Tin Oxide Films.*
Journal of Pure and Applied Science and Technology, (Jan 2014), Vol. 4, No. 1, 11-14. ISSN 22499970, 22314202
15. *Fabrication of Organic Light Emitting Diodes on Nano-structured Indium Tin Oxide.*
Journal of Pure and Applied Science and Technology, (Jan 2014), Vol. 4, No. 1, 75-80. ISSN 22499970, 22314202
16. *Impact of Static Magnetic Field & Varying Electromagnetic Field upon Resistance of CdS Thin Film.*

Journal of Pure and Applied Science and Technology, (Jul 2015), Vol. 5, No. 2, 46-48. ISSN 22499970, 22314202

17. *Effects of solution concentration and pH value on the density of flower shaped nanoparticles of In₂O₃.*
International Refereed Journal of Reviews and Research, Vol. 4 No. 4 July - August 2016
International Manuscript ID: 23482001V24I407082016-01, ISSN 23482001
18. *Effects of temperature and pH value on the formation of In₂O₃ nanoparticles by solution growth method.*
International Refereed Journal of Reviews and Research, Vol. 4 No. 5 September - October 2016
International Manuscript ID: 23482001V24I509102016-01, ISSN 23482001
19. *Electrical Properties of Cadmium Sulphide Thin Films Prepared by Chemical Bath Deposition Technique: A Review.*
Journal of Pure and Applied Science and Technology, (Jan 2017), Vol. 7, No. 1, 29-33.
ISSN 22499970, 22314202

BOOKS

1. *“Electricity”*, Ruchi Agrawal (Editor), S.S. Publication, Delhi, 2016. ISBN 9788189812508
2. *“Electromagnetic Theory and Optical Physics”*, Ruchi Agrawal (Editor), S.S. Publication, Delhi, 2016. ISBN 9788189812492
3. *“Electronics and Communications”*, Ruchi Agrawal (Editor), S.S. Publication, Delhi, 2017. ISBN 9788189812553