


FACULTY DETAILS PAGE ON WEB-SITE

Name	Dr. M.K. Yadav	Photograph
Designation	Associate Professor	
Department	Physics Department	
Address (Campus)	D.N. College, Railway Road, Meerut - 250002	
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Education

Subject	Institution	Year	Details
Ph.D.	C.C.S. University, Meerut	2002	Physics (Molecular Spectroscopy)
M. Phil.	Meerut University Campus, Meerut	1992	First Division
P.G. (M.Sc. Physics)	Meerut University Campus, Meerut	1989	First Division
U.G. (B.Sc.)	N.A.S. College, Meerut (Meerut University, Meerut)	1987	First Division

Detail of Teaching Experience

Level	Teaching Experience	Name of Institution
Under Graduate	18 Years	D.N. College, Meerut

Post Graduate (Under Self-Finance Scheme)	12 Years	D.N. College, Meerut
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Career Profile

Organization/Institution	Designation	Duration	Role
D.N. College, Meerut	Associate Professor	Since 1995	A Mentor, a Guide and a navigator to the students
D.N. College, Meerut	Proctor	2013- till date	Playing role in Policy making
D.N. College, Meerut	Games Incharge	2004- till date	Inculcating discipline and promoting co-curricular activities

Research Interests / Specialization

In Primary researches with original studies – Atomic and Molecular Spectroscopy

Detail of Research Supervision

Research Supervision	Awarded	Submitted	Working
Ph.D.	03	03	02

Publications (since 2007)

List of Published Research Papers

In Indexed / Peer Reviewed Journals/Edited Books/ Proceedings

1. Effects of Solvents and PH variation on electronic spectra of 2,6-dibromo-4-methyl phenol, "Acta Ciencia Indica", Vol 33,113 (2007).
2. Solvent effect on electronic absorption spectra of 2-amino-4-chloro-6-nitro phenol, "Acta Ciencia Acta", Vol 13, 515 (2007).
3. Electronic spectral studies of 4-bromo-2-fluoro phenol in various solvents, "Indian Journal of Physics", 82(1), 117 (2008).
4. Vibrational Spectral Analysis, Molecular Polarizability and Structural Parameters for Substituted Aniline, "International Transactions in Applied Sciences", Vol. 2 No.2, Pp. 233-243 (2010).
5. Molecular Polarizability, vibrational spectral assignments and molecular structure of 4,5-dimethyl-2-nitro aniline, "International Transactions in Applied Sciences", Vol. 2, 475 (2010).
6. Experimental Spectroscopic studies and Hartree Fock ab initio calculations of 2-bromo-4,6-dinitro aniline, "International Transactions in Applied Sciences", Vol. 2, 233 (2010).
7. UV Spectroscopic investigation of Halogen substituted Benzene using DFT calculations, "International Transactions in Applied Sciences", Vol. 4, 23 (2011).

8. Experimental (FTIR and FT-Raman) and theoretical (HF and DFT) investigation and frequency investigation analysis on 1-chloro-3,5-dibromo benzene, "International Transactions in Applied Sciences", Vol. 4, 11 (2012).
9. Influence of Transverse shear and Rotatory Inertia on Thermal Vibrations of an Isotropic Circular Plate of Linearly varying thickness, "International Transactions in Applied Sciences", Vol. 5 No.2, Pp. 333-344 (2013).

List of Attended Seminar and Conferences

1. National Seminar on "Environment & Human Concern", D.N. College, Meerut, February 17, 2008.
2. National Symposium on Lasers & their Applications, Physics Department, C.C.S. University, Meerut (U.P.), September 12, 2009.
3. National Conference on Recent Trends in the Advancement of Astronomy and Applied Mathematics, Department of Mathematics, S.S.G.R. (PG) College, Dehradun, 14-15 November, 2009.
4. 2nd National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N. College, Meerut, 30-31 January, 2010.
5. 3rd National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N. College, Meerut, 5-6 February, 2011.
6. National Workshop on "Advancement of Nano Materials and its Applications", D.A.V. College, Department of Physics, Kanpur, 09-11 February 2012.
7. National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N. College, Meerut, 17-18 March, 2012.
8. National Seminar on Role of Ion Beam in Materials Science and Acquaintance Programme on Ion Beam Facilities at IUAC New Delhi, Department of physics, C.C.S. University, 20 September, 2013.