


FACULTY DETAILS PAGE ON WEB-SITE

Name	DR. RITU SARAN	Photograph
Designation	Associate Professor	
Department	Physics	
Address (Campus)	D.N. College, Railway Road, Meerut - 250002	
(Residential)		
Phone No (Campus)	0121-2519222,	
(Residence)	In front of Delhi Bus Stand, Meerut	
Mobile	09219727777	
Email	drritisaran@gmail.com	

Education

Subject	Institution	Year	Details
Ph.D.	C.C.S. University, Meerut	2009	Physics (Molecular Spectroscopy)
M.Phil.	Meerut University Campus, Meerut	1991	First Division
P.G.(M.Sc.Physics)	Meerut University Campus, Meerut	1989	First Division
U.G. (B.Sc.)	Meerut college, Meerut University, Meerut	1987	First Division

Career Profile

Organization/Institution	Designation	Duration	Role
D.A.V. College, Muzaffarnagar	Lecturer	2001- 2008	<i>A Mentor, a Guide and a navigator to the students</i>

D.N. College, Meerut	Associate Professor	2008- Till date	<i>A Mentor, a Guide and a navigator to the students</i>
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Teaching Experience

Level	Teaching Experience	Name of Institution
Under Graduate	13 Years	D.A.V. College, Muzaffarnagar, D.N. College, Meerut
Post Graduate (Under Self-Finance Scheme)	13 Years	D.A.V. College, Muzaffarnagar, D.N. College, Meerut

Publications (since 2007)

In Indexed / Peer Reviewed Journals/Edited Books/ Proceedings

1. B.S.Yadav, **Ritu Saran**, S.K.Tyagi, Vibrational Studies and molecular polarizability of 2,6-Pyridine di methanol, Material Science Research, VOL-3(1),.PP 103-108, 2006.
2. B.S. Yadav, S.K. Tyagi, **Ritu Saran**, Effect of Solvents and pH variation on electronic spectra of 2-hydroxy-4-methoxy Benzaldehyde, Ultra Science, Vol. 18(2), PP-123-126, 2006.
3. B.S. Yadav, **Ritu Saran**, Electronic spectra of dimethyl-2, 6-pyridine dicarboxylate in various solvents, "Materials Science Research India", Vol. 3(2a), PP-257-260, 2006.
4. B.S. Yadav, **Ritu Saran**, Molecular Polarizability and Vibrational Spectra of 2,6-dihydroxypyridine hydrochloride, "Research Journal of Chemistry and Environment", Vol. 11(1),2007 Pp. 27-30, 2007.
5. Sudesh Kumar Sharma, **Ritu Saran**, Manoj Kumar Singh, Vijay Kumar, B.S. Yadav, Molecular Polarizability and Thermodynamic parameters of 6-bromo-2-methylquinoline, "International Transactions in Applied Sciences", Vol. 4 No.1, Jan-March 2012 ISSN 0974-7273, Pp. 61-72.
6. B.S.Yadav, Sudesh Kumar Sharma, **Ritu Saran**, Manoj Kumar Singh, Vibrational spectroscopy investigation using ab initio and density functional theory analysis on the structure of 6-bromo-2-methylquinoline, Ultra Scientist Vol. 24(2), 2012 ISSN 2231-346X, Pp. 277-294.
7. Sudesh Kumar Sharma, Yogesh Kumar Sharma, **Ritu Saran**, Manoj kumar singh , B.S.Yadav, Comparative Vibrational Spectroscopic Studies of 7-chloro-4-hydroxy-3-quinolinecarboxylic acid based on density functional theory, IOSR Journal of Applied Physics Vol. 1 Issue 3 , July-August 2012 Pp. 27-37.
8. Vijay Kumar, Ritu Saran, M.K.Yadav, Manoj singh, B.S.Yadav, 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, Apl-Jun 2013, Pp. 333-344.

Research papers Attended / Presented

(A) INTERNATIONAL:

1. Attended International Conference: Recent Trends in Interdisciplinary Sciences: Opportunities and Challenges, Faculty of Science, M.M.College, Modinagar (U.P.). Feb 28-March 01, 2014.

(B) NATIONAL:

1. Attended "National Symposium on Lasers & their Applications", Physics Department, C.C.S. University, Meerut (U.P.). 12 September, 2009.
2. Presented paper titled "**Vibrational studies of 2-amino 3-benzyloxy pyridine**", 2nd National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N.College, Meerut (U.P.). 30-31 January, 2010.
3. Presented paper titled "**Analysis of vibrational spectra of 2-methoxy 5-nitro pyridine using HF Theory**", 3rd National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N.College, Meerut (U.P.). 5-6 February, 2011.
4. Presented paper titled "**Biosensing- A fast emerging Technology**", 4th National Seminar on Recent Trends in Advancement of Mathematical and Physical Sciences. D.N. College, Meerut, (U.P.). 17-18 March, 2012.
5. Attended National Seminar on "Recent Advances in Condensed Matter Physics", Department of Physics, D.A.V. (PG) College, Muzaffarnagar, 19-20 March, 2013.
6. Attended 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.
7. Attended National Workshop on "Understanding Academic Integrity and Practice to Avoid Plagiarism", Department of English, D.N. College, Meerut (U.P.), 20 September 2019.