

Teacher's Profil

Dr. Sharad Kumar Vaish

Associate Professor
Department of Physics
Maharana Pratap Govt P.G. College, Hardoi.

Mailing address:

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Professional Profile:

Teaching Experience: UG Classes: 16 years

PG Classes: 16 years

Current Academic Position: Associate Professor

Department of Physics,

Maharana Pratap Govt P.G. College, Hardoi

Previous Position Held: Assistant professor

Govt. P G College, Rishikesh, Uttarakhand

Administrative Profile : Convener / member of college administrative committee for the following:

1. UGC/NAAC/ IQAC committee- Member
2. Admission committee For B.Sc./ M.Sc. - Convener
3. Computer committee- Convener
4. Career counselling committee- Convener
5. College magazine committee-Member
6. Disaster management Committee
7. Website Committee - Member
8. Time Table Committee- Member
9. Library Committee- Member

Professional Societies Membership: 1.Life Member of Indian Association of Physics Teachers

2. Life Member Indian science Congress Association

Seminar Organized:

1. Organizing Secretary, National Seminar on “ Bio-resource Management and Global Sustainability (17, 18 Dec-2011),, Maharana Pratap Govt P.G. College, Hardoi.

2. Organizing Secretary, National Seminar on “Emerging trends in Science and Technology in 21st Century “, 25-26 Feb, 2014, Maharana Pratap Govt P.G. College, Hardoi.

Workshop Organized: 1.Organized a workshop on career counseling on the topic “How to prepare for competitive examinations”.

2. .Organized a workshop on “Cloud Computing”

Education:

Ph.D: Physics (2000)

Topic: Structural studies of molecular systems using microwave absorption technique and nuclear magnetic resonance

Institute: Lucknow University , Lucknow

M.Sc. : Physics, CSJM University , Kanpur(1995)

NET/ JRF – 1996

Ph.D Supervise: Name of scholar: Omkant.

HNB Garwahl University, Srinagar

Research Publications:

1. Vaish, S.K. & Mehrotra, N.K.(1999): Correlation of N.M.R. spin lattice and dielectric relaxation times of some Methyl benzenes. *Indian J of Pure &Applied Physics*. Vol. 37, p 881-884
2. Vaish, S.K. & Mehrotra, N.K.(1999) :Correlation of dielectric relaxation N.M.R. spin relaxation in several ketones. *Indian J of Pure &Applied Physics*. Vol. 37, p 778-781
3. Vaish, S.K. & Mehrotra, N.K.(2000) :Structural studies of some polar molecular systems using microwave absorption technique and nuclear magnetic resonance. *Asian J of Physics*. Vol. 1, p 79-83
4. Vaish, S.K. et.al. (2003): N.M.R. spin lattice relaxation investigation of some molecular systems and its correlation with dielectric relaxation. *Indian J of Pure &Applied Physics*. Vol. 41, p 858-862
5. Nuclear magnetic Resonance and Mutual viscosity investigation in some substituted toluenes. *Pramana J of Physics*
6. Vaish, S.K. et.al. (2005):N.M.R. Spin lattice relaxation investigation of several aldehydes. *Indian J of Pure &Applied Physics*. Vol. 43, p 295-300

Conferences/Seminars attended:

1. National seminar on Academica, 01-02, March 2006, Govt. P.G.College Rishikesh. Presented two papers
 - 1-“Human Development-Threat to environment”
 - 2-“Higher Education in India-Problems and solutions”
2. National seminar on “New horizons in the protection of environment, 23 Nov.2007, Chinmay degree college, Haridwar. Presented paper-“Human Influence on Global Climate”
3. National seminar on “Nanomaterials and nanotechnology”, 08-10,Dec. 2007, Physics Department Lucknow University Lucknow
4. 2ndNational seminar on “Nanomaterials and nanotechnology”, 21-23,Dec. 2009, Physics Department Lucknow University Lucknow
5. National seminar on “Physics education research and development of e-learning modules.”, 24-25,Feb. 2010, Physics Department Allahabad University Allahabad. Presented two papers
 - 1-“Revitalizing the methodology of teaching Geometrical optics”
 - 2-“Assesment of Physics teaching methods:from passive to active learning”
5. National seminar on “Contribution of material science to the world today”, 18-19Jan. 2011, D.B.S.P.G. College Kanpur, Presented paper “Dielectric relaxation investigation of mixtures of some molecular systems and its correlation with N.M.R. spin lattice relaxation”
6. National seminar on “Poverty and economic development, 13-14”, March 2011, Dept. Of Commerce M.P.Govt.P.G.College, Hardoi(U.P.), Presented paper “Training and employment opportunities among rural youth”.
7. National seminar on “Natural Resources & Environment”, Chinmay Degree College, Haridwar, 13-14 Oct 2012, Land resources and their optimum utilization in central region on UP.
8. National seminar on “Knowledge sharing and IP management”: Evolving Strategies in India, 25 March 2012, KL D A V PG College Roorkee.
9. Role of ICT in quality Improvement In Higher Education and Research (22,23 Feb, 2014), Govt Degree College, Pihani. UP. Presented paper “Learning Physics thourgh ICT”.
10. Emerging trends in Science and Technology in 21st Century (25,26 Feb, 2014) Maharana Pratap Govt P.G. College, Hardoi.UP. Presented paper “Investigation of Dielectric Properties of Substances Using N.M.R and Microwave Absorption Technique.
11. Science Terminology in Higher Education: application and Importance (10, 11 December-2013) D.S. N College, Unnao

Workshops

1. Prof. B. L. Saraf Memorial All India Lab Workshop for P. G. Teachers, 14-18,Dec. 2009, IPS Academy Indore
2. National workshop on Utshahi Physics Teachers, 20-25,May 2010, I. I. T. Kanpur
3. Prof. B.L.Saraf Memorial All India Lab W orkshop for P. G. Teachers, 14-18,Dec. 2010, IPS Academy Indore
4. Hand on Experiments in Laser Physics, 19 Dec 2013Christ Church College, Kanpur,

Symposium:

- 1.** National symposium on Acoustics, 11-13,Nov. 2010, Govt. P.G.College Rishikesh