

## RESUME

**Dr. Surabhi Misra**  
*Assistant Professor*  
*Department of Physics*  
*Govt. P.G. College, Kotdwar*  
*Mob. No. : 8077754935*  
*Email. : surabhimisrag@gmail.com*



### PERSONAL PROFILE

I am dedicated for teaching Physics to U.G. and P.G. students with over 15 years. The area covers by my teaching are Mechanics, Electricity and Magnetism, Heat and Thermodynamics, Modern Physics at U.G. level and Mathematical Physics, Statistical Mechanics, Atomic and Molecular Spectroscopy, Condensed Matter Physics, Laser and Fiber Optics, Nuclear Physics at P.G. level.

### EDUCATION HISTORY

- 2004 : *Ph.D. (Physics) from H.N.B. Garhwal University*  
**Title:**“Analysis of Structural Phase Transition (B1→B2) for Alkali Halides using Interionic Potential Function”
- 1997 : *M.Sc.(Physics) – Electronics (Specialization) from H.N.B. Garhwal University.*
- 1995 : *B.Sc. (P.C.M.) from H.N.B. Garhwal University*

### PROFESSIONAL APPOINTMENTS

- Aug 2016 – Till date : *Assistant Professor, Department of Physics*  
*Government P.G. College, Kotdwar*
- Dec 2006 – Aug. 2016: *Samvida Lecturer, Department of Physics*  
*Govt. P.G. College, Kotdwara (PauriGarhwal)*

### TEACHING/RESEARCH/ADMINISTRATIVE EXPERIENCE

- Teaching Experience : 15 years (U.G. and P.G. level)
- Research Experience : 03 years
- Academic Activities : Internal Evaluation at UG and PG Level, Flying Duties in University Exam, External Examiner at UG and PG Level, Admission Committee Member.

**ORIENTATION AND REFRESHER PROGRAMMES/ TRAINING PROGRAMMES  
AND WORKSHOPS/ SEMINARS& CONFERENCES**

✓ Orientation and Refresher Programmes

- **19 Aug – 01 Sept, 2020 :** Refresher Course Organized by FDC – HNB Garhwal University under PMMMNMTT scheme of MHRD, Govt. of India.  
**Topic:** Multidisciplinary approaches for Adaptability, Development and Self – Reliance (Scientific, Socio-economic, Psycho-cognitive and Moral Perspectives).
- **27 Nov – 23 Dec, 2017 :** Orientation Programme at UGC – HRDC Nainital
- **17 Nov 2014:** One day Orientation Programme at Govt. P.G. College Kotdwar Organised by CTE, Govt. P.G. College Kotdwar.
- **29 Nov 2013 :** One day Orientation Programme on Scope, Nature and Utility of CTE in Uttarakhand at Govt. P.G. College Kotdwar Organised by CTE, Govt. P.G. College Kotdwar.

✓ Training Programme & Workshops

- **14 Sept – 19 Sept, 2022** Online FDP – QRD -2022 Organized by Eudoxia Research University, ERU – USA  
**Topic:** Qualitative and Quantitative Research Design.
- **21 October 2021:** One day workshop on “Nuclear Science and Technology” at Govt. P.G College, Kotdwar. Organised by Dept. Of Chemistry, Dept. of Physics & Alumni Association.
- **10 Dec – 16 Dec, 2020:** One work online STTP on “Emerging Trends in E-learning: Catalyst for Reforming Higher Education” organized by FDC-HNBGU under PMMMNMTT scheme of MHRD, Govt. of India.
- **30 Dec 2017 :** One day workshop on Emerging Role of CTE for Quality Education in Uttarakhand
- **30 Nov 2016 :** National Workshop on Utilization of Remote Sensing, Geographical Information System and Information Communication Technology in Modern times in Perspectives of Uttarakhand at Govt. P.G. College Kotdwar in collaboration with USAC Dehradun.
- **22 Feb 2015:** Workshop on GIS/GPS KeAnuprayog Se JalSanrakshanVaJalGunvattaPrabhandhan Par Karyashala at Govt. P.G. College Kotdwar Organised by USERC and USAC Dehradun.

- **30 April 2012:** One day workshop on Utility of Edu sat Programme for Quality Improvement in Higher Education at Govt. P.G. College Kotdwar in Collaboration with USAC.
- ✓ Seminars and Conferences
  - **25 Nov -26 Nov 2022** Two Days International Conference on Advances in Materials For Health, Environment and Circular Economy organized by School Of Applied & Life Sciences Uttaranchal University Dehradun  
**Paper Presentation:** Importance of Synthetically produced Nanoparticles
  - **13 – 14 Nov 2022** Two – Days International seminar on Role of Education , Literature, Culture and Society in Global organized by Department of B.Ed., L.S.M. Govt. P.G. College, Pithoragarh  
**Paper Presentation:** Science Education: A Need of Society
  - **7 Nov 2022** One day international seminar on Hindutvkavaishvikpunarjagan, organized by DBVM and Doon University Dehradun  
**Paper Presentation:** Importance of Science in Indian Education
  - **25 August 2022** One day national seminar on “National Education Policy - 2020 Implementaion in Uttarakhand” organized by department of History at Govt. P.G College Kotdwar  
**Paper Presentation:** Elasticity of Science Education in NEP
  - **25 March 2022** One day seminar on “Improving livelihood of youth through sustainable beekeeping” sponsored by higher education department Uttarakhand at Govt. P.G College Kotdwar
  - **29 November 2021** One day symposium on “Sparrow Conservation” Organised by Department of Zoology & Department of Biotechnology at Govt. P.G College, Kotdwar
  - **14 Feb - 16 Feb, 2020:** International Conference on Interdisciplinary Research for Sustainable Development: Innovation and Opportunities at Vardhman College, Bijnor (U.P) organized by Department of Higher Education, Govt. of U.P.  
**Paper Presentation:** A study of some factors impacting future energy supply.
  - **14 Sept 2019:** **jk’V<sup>ah</sup>; efgyklaxks’Bh] fo’k; &lkekftdlekos”kuesaefgykvksa dh Hkwfedk**

at M.K.P.P.G. College, Dehradun, organized by DBVM Uttarakhand, M.K.P.P.G. Dehradun and THDC Rishikesh.  
**Paper Presentation:** Role of Women in Education

- **19 Apr – 20 Apr, 2019:** National Seminar on Career Counselling in Dynamic World: Issues and Challenges at Govt. P.G. College, Kashipur organized by Govt. P.G. College, Kashipur.  
**Paper Presentation:** The Role of Science Education in Employment.
- **29 Jan- 30 Jan, 2019:** National Conference on Holistic Approach Towards Quality Enhancement in Higher Education at Govt. P.G. College Rishikesh organized by Govt. P.G. College Rishikesh.  
**Poster Presentation:** Importance of Syllabus in Education system.
- **29 Oct – 31 Oct, 2017:** XXXII Annual IAPT Convention 2017 and National Symposium on Recent Trends in Physics at Different Scales at GurukulKangriVishwavidyalayaHaridwar organized by GKV Haridwar& IAPT, RC-5 Uttarakhand.
- **20 Dec 2017** National Seminar on Reinventing Government for the 21<sup>st</sup> Century State Capacity in a Globalizing Society, organized by UGC HRDC Nainital.  
**Paper Presentation:** Crisis of Women in Science
- **31 Mar – 22 Mar, 2015:** National Seminar on Development and Ecological Challenges: A need for paradigm shift at Govt. P.G. College Kotdwar, organized by Department of Sociology, Govt. P.G. College Kotdwar.  
**Paper Presentation:** To study the effect of various types of pollution on environment.
- **07 Feb – 08 Feb., 2015:** National Seminar on National and Regional Perspectives for Quality Teacher Education: Ways and Means at Govt. P.G. college, Kotdwar organized by CTE, Govt. P.G. college, Kotdwar in collaboration with UCOST, Dehradun.  
**Paper Presentation:** Role of Quality Syllabus in Higher Education.
- **15 Jun – 17 Jun, 2020:** Webinar on “Century of Quantum Mechanics and Still Going strong” organized by Applied Physics Department, Faculty of Technology and Engineering MSUB, Gujrat Science Academy, Indian Physics Association (CIPA) and IAPT in Association with NSAI.
- **29 July 2020:** International Webinar on Bio Diversity Conservation through Environmental Education for Sustainable Development organized by Govt. P.G. College Kotdwar,

Collaboration with Traffic India.

**Paper Presentation:** Education Towards Developing Responsible Environmental Behaviour as Skill.

### **RESEARCH PAPERS**

- Role of ICT of Enhance Positive Thinking Skills of Learners  
ISBN 978-93-313-2353-8  
“ICT in Education”
- Importance of Syllabus in Education System  
ISBN 978-81-942288-0-6  
“Holistic Approach Towards Quality Enhancement in Higher Education”
- Education towards Developing Responsible Environmental Behaviour as Skill.  
ISBN 978-93-83837-82-3  
“Biodiversity Sustainability and Environmental Education”
- Corelation between The Theory of Everything and Evolution of The Universe  
ISSN 2250-0561  
Glimpses – A Peer Reviewed Bi-Annual Refrred International Journal of Multi  
Disciplinary Research
- Impact of Physics As A Need of Society  
ISSN 2249-8702  
Peer Reviewed Refrred - The Uhri Research Journal of Geographical and  
Environmental StudiesMulti Disciplinary

### **LANGUAGE KNOWN**

- Hindi & English

### **AWARDS /APPRECIATIONS**

N/A

**Declaration:** All the above mentioned information are true and per records and/or my knowledge.

Date:

Place:

Sign.