

FACULTY PROFILE



Name:Dr.Arvind Kumar

Designation: Assistant Professor & Hostel Manager

E-Mail:arvindk1@srmist.edu.in

➤ **WorkExperience:**15Years

➤ **Professional Qualification:**

Degree	Institute/University	Specialization	Year of Passing
Ph.D.	C.C.S. University, Meerut, U.P.	Solid Electrolyte Composite	2013
M.Sc.	C.C.S. University, Meerut, U.P.	Physics	1996
B.Sc.	C.C.S. University, Meerut, U.P.	PCM	1994
B.Ed.	C.C.S. University, Meerut, U.P.	Science Group	2020

➤ **Research Interest:**

- Solid Electrolyte Composite
- Nanotechnology & Thin Films
- Superconductivity

Publications (Journals & Conferences):

1. The band edge modulation of chemically prepared **ZnS** nano particle. **Arvind Kumar** et.al. Acta Cinecia Indica. 31 (2005) 559.
2. Determination of Size of **CdS** particles by optical absorption using theoretical approach Accept **Arvind Kumar** et.al. Acta Cinecia Indica Vol XXXII, P.No. 2,229 (2006).
3. Determination of the size of chemically prepared **ZnS** nano particles by theoretical approach (presented by Arvind Kumar in National Symposium on Nano Scale Science and Technology), Deppt. Of Physics in Maharaja College, Saharanpur.
4. Determination of the size of chemically prepared **CdS** nano particles by theoretical approach (present by Arvind Kumar in Second National Symposium in Deppt. of Physics in D.N. College, Meerut.
5. Synthetics and Characterization of a New Three Component Inorganic Ion Exchanger. (Under Preparation)
6. Thermal Effect On Photonic Band Gap in Semiconductor Based 1D Photonic Crystal. (Presented by **Arvind Kumar** in International Conference on Recent Trends in Applied Physics & Material Science in **Govt. College of Engineering & Technology, Bikaner.**

➤ **Work Experience: 15 Years**

❖ **Teaching at Under Graduate Level :(13 Years)**

- Assistant Professor (Chief Proctor & Anti-Ragging Committee Head), Physics, SRM Institute of Science and Technology, Delhi-NCR Campus, Modinagar, Ghaziabad. **(27th August 2023 to till date).**
- Associate Professor (Chief Proctor & Anti-Ragging Committee Head), Physics, D. J. College of Engineering and Technology Modinagar ,Ghaziabad. **(Sept. 2009 to August 2021).**
- Assistant Professor, Physics, Institute of management and Technology, Panchli Khurd Baghpat Road Meerut **(August 2007 to August 2009).**
- Lecture, Physics, B.P. Engineering College, Gohana Road, Sonipat Hariyana. **(July 2006 to August 2007).**

❖ **Teaching at Post Graduate Level :(2 Years)**

- Lecturer Physics, J. V. College Baraut, Baghpat. **(July 2004 to August 2006).**