

Curriculum Vitae

Name: Ms. SUDESH KUMARI

Designation: Assistant Professor

Department: Basic and Applied Sciences

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Area of specialization: Material Science

Academic Qualifications:

Sr. no.	Degree	Year	Board/Univ./Inst.	%of marks	Div./ Rank	Subjects Taken
1.	Ph.D.	Pursuing	Punjabi University, Patiala			Physics
2.	UGC-NET	2009	CSIR, New Delhi			Physics
3.	M.Sc.(H.S.)	2009	Panjab University, Chandigarh	74.70	1 st	Physics
4.	B.Sc. (N.M.)	2007	Panjab University, Chandigarh	83.80	1 st	Physics, Chemistry, Maths, English and Punjabi
5.	12 th	2004	P.S.E.B. Mohali	83.33	1 st	Physics, Chemistry, Maths, English and Punjabi
6.	10 th	2002	I.C.S.E. New Delhi	81.33	1 st	Science, Maths, English, Punjabi, Geography, Social Science, History and Civics

Medals/ Awards/ Honours Received:

1. 2nd Position in K.M.V. College Jalandhar in 6th National Science Olympiad, 2003.
2. 3rd Position in B.Sc. II in Government College, Hoshiarpur Merit List for session 2005-06.
3. 2nd Position in B.Sc. III in Government College, Hoshiarpur Merit List for session 2006-07.

Scholarships:

Prof. Hans Raj Bhatla Scholarship in B.Sc. III for extra-ordinary performance in University exam for session 2007-08.

Details of Experience:

Sr. no.	Name of Inst./Employer	Position Held	Duration	Major Job Responsibilities and Nature of Experience
1.	Punjabi University, Patiala	Assistant Professor	25 th July 2013 till present	Teaching and Departmental Responsibilities
2.	Sant Longowal Institute of Engineering and Technology, longowal	Assistant professor	9 th August 2010 to 24 th July 2013	Teaching and Departmental Responsibilities
3.	Dr. B.R. Ambedkar National Institute of Technology, Jalandhar	Lecturer	28 th January 2010 to 6 th June 2010	Teaching and Departmental Responsibilities
4.	Doaba College, Jalandhar	Lecturer	4 th August 2009 to 27 th January 2010	Teaching and Departmental Responsibilities

List of Papers/Courses taught at P.G. and U.G. Level:

Sr. no.	Paper/Course	Class
1.	Quantum Physics	M.Sc.
2.	Mathematical Physics	M.Sc.
3.	Applied Physics-I	B.Tech.
4.	Applied Physics-II	B.Tech.
5.	Materials Science and Engineering	B.Tech.

Administrative/Academic Experience:

1. Member of various Departmental Committees (Admission Committee, Fee Concession Committee, Orientation Committee, Discipline Committee, Anti-Ragging Committee etc) constituted from time to time since 2013 at Punjabi University, Patiala.
2. Member of Syllabus and Ordinance Preparation Committee for Integrated M.Sc. Physics (Honors School), 2019.
3. Member of Decoration Committee for Three Days National Workshop on, “Latex and Technical Writing” organized by the Department of Basic and Applied Sciences, Punjabi University, Patiala from 23rd to 25th November 2018.
4. Member of Decoration Committee for Three Days National Workshop on, “Research Methods and Data Analysis using SPSS” organized by the Department of Basic and Applied Sciences, Punjabi University, Patiala from 29th to 31st March 2019.

List of Conferences/Symposiums and Workshops attended/participated:

1. Participated in, “**69th Refresher Course in Research Methodology (I.D.)**” organized by UGC-HRDC at Punjabi University, Patiala from 1st December 2018 to 21st December 2018.
2. Presented a paper in International Conference on, “**Emerging Areas of Mathematics for Science and Technology**” organized by Department of Mathematics, Punjabi University, Patiala from 30th January to 1st February 2015.
3. Participated in, “**21st Orientation Programme**” organized by UGC-HRDC at Punjabi University, Patiala from 2nd June to 28th June, 2014.
4. Participated in National Symposium on, “**Emerging Trends in Physics for Ionizing Radiations, Aerosols and Materials Science**” organized by the Department of Physics, Punjabi University, Patiala from 13th to 14th December 2013.

5. Participated in Two days Training Programme in, “**Computational Techniques in Physics**” under, “Technical Education Quality Improvement Programme (TEQUIP) Phase-II” organized by the Department of Physics, Sant Longowal Institute of Engineering and Technology, Longowal from 23rd to 24th March 2013.
6. Participated in 2nd National conference on, “**Advanced Materials and Radiation Physics AMRP-2011**” organized by the Department of Physics, Sant Longowal Institute of Engineering and Technology, Longowal from 4th to 5th November 2011.

List of Papers Published in International Journals:

1. Effect of Solvent on the Synthesis of SnO₂ Nanoparticles, Virender Kumar, Kulwinder Singh, Karamjit Singh, **Sudesh Kumari**, Akshay Kumar, and Anup Thakur, **AIP Conference Proceedings 1728 (2016) 020532-35**.
UGC Journal List Sr. No.: 7446.
2. Effect of Annealing on the Structure of Chemically Synthesized SnO₂ Nanoparticles, Kulwinder Singh, Virender Kumar, Ankush Vij, **Sudesh Kumari**, Akshay Kumar, and Anup Thakur, **AIP Conference Proceedings 1728 (2016) 020536-39**.
UGC Journal List Sr. No.: 7446

Date : 23rd July 2019

Sudesh Kumari
(Signature)