

CURRICULUM VITAE

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Dr. Sarita Singh, is an In-charge Head, Assistant Professor, Department of Mathematics, School of Physical Sciences, Doon University Dehradun Uttarakhand India from August 2015. She has received her M. Sc. Industrial Mathematics & Informatics from the Indian Institute of Technology Roorkee in 2004 and PhD in Biomechanics, Mathematics from the Department of Mathematics, G.K.V. Haridwar in 2011. Uttarakhand. In 2012, She has joined as an Assistant Professor in the Department of Mathematics Uttarakhand Technical University Dehradun then promoted to Head of the Department.

Dr. Sarita Singh research interest including Fluid dynamics, Mathematical Modelling, Computational Numerical techniques, Mechanical Vibration, Differential equation, Mathematical Physics, Optimization.

She has published several research papers in reputed national & international journals and conference proceedings. She was invited to attend and deliver lectures/seminars in international and national conferences & workshops, and faculty development programs. She has been a Session Chairman for many national and international conferences and workshops. She serves on the Editorial Advisory Board member and referee for many international mathematics, biomathematics, and mathematical modelling journals. She is the active member of national and international mathematical societies (Organization for Women in Science for the developing countries (OWSD), American Mathematical Society (AMS), American Society of Biomechanics (ASB), American Society of Mechanical Engineering (ASME) USA, Trinity Society of Mathematics, Cambridge University London, Indian Society of Biomechanics, Indian Institute of Technology Roorkee).

Dr. Singh has a great passion for teaching. She taught various courses in the areas of Mathematics, Differential Equations (ODE & PDE), Linear Algebra, Abstract Algebra, Real Analysis, Numerical Analysis, Engineering Mathematics-I, II, III, Advanced Engineering Mathematics, Operations Research, Mechanics, Industrial Engineering at UG (B. Tech, B.Sc.) and PG (M. Tech., M.Sc.) level. She has participated in many national and international conferences/seminars/workshops. She has received the award from Mainz University Germany for Women in Applied Math. & Soft Matter Physics Mainz, Germany in 2015, from UCOST Uttarakhand for presenting the research paper in Beijing in 2015 China, from CSIR India for presenting the research in Krakow, Poland in 2012, from Department of Science and Technology (DST), New Delhi, for presenting the research paper in Singapore in 2010, from ICWM Society, for International Conference of Women's Mathematician (ICWM), in Hyderabad in 2010. She is a reviewer member in Elsevier Journal (Applied Mathematics and computational Journal)