

Curriculum Vitae

Name: Prof. Dhirendra Singh

Designation: Professor

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Institutional Address: Department of Physics, D.B.S. (P.G) College, Kanpur-208006

Research Specializations: Theoretical High Energy Physics.

Teaching Experience: 33 Yrs.

Academic Qualification: M.Sc. Ph.D.

Research Work: My research work focuses on theoretical high-energy physics and provides an understanding of the quark-confinement hypothesis as well as the processes, mythologies, and potential models involved in hadron spectroscopy. It also provides a complete overview of calculations of many important properties, such as hadron mass spectra and leptonic and hadronic decay widths, and thermodynamic properties in different relativistic and non-relativistic potential models, with theoretical and experimental highlights.

Academic & Administrative Work: I have been honored to serve as a Vice-Chancellor nominee and subject expert on multiple university interview panels for the selection and appointment of assistant professors in various degree colleges affiliated with C.S.J.M. University, Kanpur. Moreover, I contribute as a paper setter at esteemed universities such as C.S.J.M. University, Rohilkhand, Bundelkhand, Agra, and Meerut University, both at the undergraduate and postgraduate levels. Furthermore, I have been appointed as a coordinator/member in several committees formed by the college administration. I am a life member of the Indian Science Congress, the Indian Association of Physics Teachers, the International Academy of Physical Sciences, reviewer in many Journals, and many other organizations.