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She holds a total teaching experience of over 19 years, with teaching at both undergraduate and post graduate levels. She is an active researcher and has successfully delivered two government funded research projects, both in capacity of Principal Investigator, one sponsored by Uttarakhand State Council for Science and Technology (UCOST), and one sponsored by Department of Science and Technology (DST), during period 2013-2015, and 2014, respectively. The later was a successful organization of Expert Sub-Committee meeting for women and nutrition program.

Currently, she is executing in capacity of Principal Investigator, three government funded research projects, from Department of Science and Technology (2015-2018), (2015-2018), (2017-2020) respectively. She has over 17+ research publications in indexed and refereed, national and international journals. She has attended several national and international conferences. As head of research centre, she has organized several guest talks and research promotion activities. Four students have completed their PhD work. Currently, six PhD scholars are working under her supervision. Her research areas include, 'Expert Systems', 'Artificial Intelligence', 'Intelligent Tutoring', 'Information and Communication Technology (ICT)'.