



Bio Sketch: Prof. Uma Chaudhry

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Prof. Uma Chaudhry is an academician and researcher in Biomedical Sciences, currently serving as a Professor at Bhaskaracharya College of Applied Sciences, University of Delhi. She also served on deputation at the Institute of Lifelong Learning, University of Delhi, where she developed a keen interest in creating e-content for undergraduate students. Prof. Chaudhry earned her Ph.D. in Biomedical Science from Dr. B. R. Ambedkar Center for Biomedical Research, University of Delhi, with her research focusing on PCR-based diagnostic analysis of gonorrhoea.

With over two decades of teaching and research experience, she has mentored four Ph.D. scholars to completion, with three more are currently under her guidance. Prof. Chaudhry has successfully led nine research projects funded by prestigious organizations, including Department of Biotechnology, Department of Science and Technology and Indian Council of Medical Research. Her research expertise includes PCR-based medical diagnostics, therapeutic target identification, and discovering novel drugs against bacterial moonlighting proteins. Recognized by the Department of Biotechnology as a National level Trainer for the Foldscope Microscope, she has trained numerous students from Aspirational Districts in its use.

Prof. Chaudhry has publication records in National and International journals and has received accolades such as UGC Research Awards and International Scholarships. Her commitment to innovation and student mentorship drives impactful contributions to science and education.