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Dr. A.K.D. Bhavani is a professor in the Department of Chemistry, University College of Science, Osmania University. She has 27 years of teaching experience and seventeen years of research experience. Her area of specialization is organic chemistry and research interest is in methodology for the synthesis of new bioactive azaheterocycles and study their potentiality as antimicrobial and antitumor agents. She has completed two research projects sanctioned by UGC(minor project) and other project sanctioned under UGC-UPE -PAR program. Presently she has the project sanctioned by OU-DST-PURSE-II Programme (2017-2021).

She has post-doctoral experience as Research Associate at School of Chemistry, University of Hyderabad during 1992 to 1993 and as postdoctoral fellow at Rockefeller University, New York, USA during the year 1997. She was involved in the synthesis of bioactive peptides and multifunctional molecules. She has 25 publications in reputed national and international journals. One student was awarded Ph.D. Two other students submitted their thesis for Ph.D. degree. Currently eight research scholars are working under her supervision. She has attended 25 national, international seminars and also presented 10 research papers in conferences. She is also a member in the organizing committee to conduct the seminars, conferences and workshops. She is the author for chapter 5 in Katritzky Vol. 114, Advances in Heterocyclic Chemistry and also for chapters in Chemistry Question Bank I, II, Telugu academy, A.P during 2010-2011. She was the member of various committees, I/C Head at UCS, Saifabad, as Warden, in OU Ladies Hostel, OU during 2010-2011. She is a resource person as a subject expert for framing the UG, PG syllabus in affiliated Colleges of OU, Chemistry Department and other Universities.