

Dr. Pallavi Chandrakant Mandave

Assistant Professor



CONTACT



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ABOUT RESEARCH

Paper Published: 13

Paper Presented: 04

Resource Person: 07

Book Publications: 01

ABOUT ME

I am having more than 2 years of teaching experience. At present working as Assistant Professor, at Department of Biotechnology, YCIS (Autonomous), Satara. My research for PhD was focused on plant secondary metabolite isolation, characterization and its pre-clinical trials on rodents. The work deals with development of anti-hyperglycemic and anti-hepatotoxic drugs. The gene expression profiling was done from various plants / ayurvedic drugs related to secondary metabolites producing pathways as well as from the various organs involved in the diabetes and obesity pathophysiology. My research area is evaluation of plant secondary metabolites against various non-communicable diseases.



QUALIFICATION

Year	Degree	Institute	Subject
2018	Ph.D	Bharati University Vidyapeeth, Pune	Biotechnology
2020	SET	Pune University	Life Science
2010	M.Sc.	Bharati University Vidyapeeth, Pune	Biotechnology



EXPERIENCE

Total 2 years of teaching and administration Experience. Along with 12 years of research experience



MEMBERSHIP OF ACADEMIC BODIES

- Member of Board of Studies of Biotechnology of Yashavantrao Chavan Institute of Science, Satara.



SKILLS

Sound knowledge of plant secondary metabolites isolation and characterization, Ayurvedic formulations preparations and its validation, pre-clinical studies for non-communicable disease such as diabetes, obesity, hepatotoxicity, and cancer. Bioinformatics skills, *in silico* molecular modeling, primer designing, gene deposition to NCBI, etc.