



Ajeenkya D Y Patil University

D Y Patil Knowledge City, Charholi Bk. Via Lohegaon, Pune – 412 105 (MH) INDIA

FACULTY PROFILE



NAME: DR. SHWETA UKEY

DESIGNATION: ASSISTANT PROFESSOR

E-MAIL: shweta.ukey@adypu.edu.in

QUALIFICATION: Ph.D. in Biochemical Sciences

M.Sc. in Biotechnology

B.Sc. in Biotechnology

BIOGRAPHY

Dr. Shweta Ukey is currently working as an Assistant Professor at Ajeenkya DY Patil University, Pune. She holds a Ph.D. in Biochemical Sciences from AIIMS Jodhpur and has extensive experience in research and teaching. Her expertise includes molecular biology, cancer biology, biochemical techniques, and computational drug discovery. She has previously served as a Junior Research Fellow at NCL Pune and an Assistant Quality Control Officer in industry. Dr. Ukey has published multiple peer-reviewed articles in reputed journals and has guided postgraduate students during her academic journey.

Students Project Guided: BE/ME/PhD

- 2 Master's students (Department of Biochemistry, AIIMS Jodhpur)
- Mentored MBBS students during practical biochemistry sessions

CORE COMPETENCY AREAS:

- Molecular Biology Techniques (RT-PCR, Western Blot, Flow Cytometry)
- Cell Culture Techniques
- Protein Biochemistry (Spectroscopy, Chromatography, Protein Purification)
- Computer-Aided Drug Design (Docking, QSAR, Molecular Dynamics)

PUBLICATIONS:

- **Interactomic and Microarray Data Analysis Ukey S, Choudhury C, Sharma P. Identification of subtype-specific features in Class II zinc-dependent HDACs. *J Biosci.* 2021.**
- **Ukey S et al. Screening of miRNAs in oral fibrosis and carcinoma. *Humangene.* 2022.**
- **Ukey S et al. miRNA Expression in Oral Submucous Fibrosis and Carcinoma. *Ind J Clin Biochem.* 2022.**
- **Ukey S et al. Expression of HDAC Subtypes and Carcinogenesis. *Asian Pac J Cancer Prev.* 2022.**
- **Ukey S et al. Hypermethylation of P16, SOCS1, SHP1 in Oral Cancers. *J Cancer Res Ther.* 2023.**
- **Modi A et al. Gene and microRNA analysis in Breast Carcinoma. *Cancer Invest.* 2022.**

ACHIEVEMENTS/AWARDS/RECOGNITIONS:

- **Best Poster Award, 19th Asia-Pacific Federation of Clinical Biochemistry Congress (2019)**
- **CSIR-UGC NET JRF qualified (AIR 91 – June 2014, AIR 131 – Dec 2016)**
- **JRF qualified from Agricultural Research Institute**
- **OU-PG-CET Qualified with AIR 21**

SEMINARS / WORKSHOPS / CONFERENCES ATTENDED:

Sr. No	Workshop/Seminar/FDP Name	Organization	Duration
1	Poster Presentation, 19th Asia-Pacific Federation of Clinical Biochemistry Congress	Asia-Pacific Federation	Nov 17–20, 2019
2	National Workshop on Computational Biology and Bioinformatics	IIT Jodhpur	July 2019
3	North Zone ACBI Conference (Organizing Committee)	AIIMS, Jodhpur	April 7–8, 2018
4	National Conference by Chemical Research Society of India	CRSI	February 2015
5	Flow Cytometry Workshop (Organizing Committee)	AIIMS, Jodhpur	April 2022
6	Cell Culture Techniques Workshop (Organizing Committee)	AIIMS, Jodhpur	May 2022
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5	Recent Trends in Healthcare	VIIT	18-22 December 2022
6	Anubodhan organized by IQAC	ADYPU	7-11 August 2023

PROFESSIONAL BODY MEMBERSHIP

Lifetime member for Indian Society for Precision medicine and Molecular medicine
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