

Faculty Profile - Dr. Joel Gaikwad



**COLLEGE OF SCIENCE &
ENGINEERING**

METHODS IN BIOTECHNOLOGY

Dr. Joel Gaikwad is the professor for Methods in Biotechnology

His passion for biology was sparked when a neighbor shared his excitement for dissecting frogs in school. After receiving both a masters' degree in microbiology and a Ph.D. in biochemistry, Dr. Gaikwad moved to the U.S. to continue post-doctoral training in California before moving to Texas. He is a passionate teacher and pushes his students to think outside the box.

About the Course

You will work with the latest technology in the field. Working in the lab, you will isolate and characterize bacterial DNA, engage in the basic processes of DNA transfer, DNA sequencing, bacterial transformation, gene cloning, polymerase chain reaction, tissue culture, enzyme linked immune-sorbant assay (ELISA) and bioinformatics.

Contact information

Email: jgaikwad@oru.edu

Office number: 918-495-6944