



Name: Dr. (Mrs) Amita R. Shah

Designation: Professor in Microbiology

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Teaching:

Microbial technology, Environmental Microbiology and Biotechnology courses to post graduate Microbiology, Biotechnology and Industrial Biotechnology students.

Research Areas:

Microbial production of hemicellulases, cellulases and inulinases and their applications. Isolation and applications of probiotic lactic cultures.

Research Publications:

Research articles:35, Review paper-01, Book chapter: 01

Research Projects(completed):

- Department of Biotechnology sponsored research project on “An integrated approach for the development of microwave system for pretreatment of lignocellulosic biomass for cellulolytic enzyme and bioethanol production”. From May 2014 to May 2017.
- Gujarat state biotechnology mission (GSBTM), Department of science and technology, Government of Gujarat sponsored research project on “Production of beta xylosidase and accessory hemicellulolytic enzymes for effective bioconversion of plant lignocelluloses”. From April 2011 to March 2014.
- University Grants Commission sponsored major research project entitled: “Microbial conversion of liquid industrial waste and agro residues to high value products”. From April 2008 to March 2011.
- University Grants Commission sponsored major research project entitled (**As a coinvestigator**): “An integrated approach for feed development for Indian major Carps to enhance their production by using probiotics, enzymes and different agro based unconventional feeds.” From May 2006 to April 2009.