

Nidhi Trivedi

Personal Information

 02/12/1994  Indian  Gandhinagar, India

Profile

I aim to utilize my teaching experience, research skills, and academic background to contribute to the growth and development of students, colleagues, and the institution. I am passionate about imparting knowledge, fostering critical thinking, and promoting academic excellence. With my strong communication, interpersonal, and organizational skills, I strive to create an engaging and inclusive learning environment that inspires students to achieve their academic and professional goals.

Skills

Curriculum Development



Research Methods



Effective Communication



Classroom Management



Strengths

Research skills

Teaching ability

Communication proficiency

Analytical thinking

Adaptability

Time management

Other Qualification

**ICAR-NET in Agriculture Microbiology
Agriculture Scientist Recruitment Board (ASRB)**

 2019

Awards

**Young Researcher award 2023
INSC**

 2023

Publications

Isolation, identification and characterization of microorganisms isolated from unexplored saline regions of Kutch, Gujarat India
Acta Scientific

 2020

Organophosphorus phenyl phosphates: Synthesis, dye/protein interactions and antimicrobial evaluation
Journal of molecular liquids, Elsevier

 2021

Mangrove endophytic fungi:A treasure of bioactive compounds against infectious disease
Annals of Forest Research

 2022

Isolation and identification of an endophytic fungi associated with mangroves of Kutch, Gujarat, India
European Journal of Molecular and Clinical medicine

 2022

Publications

Characterization and antibacterial activity of endophytic fungi isolated from *Avicennia marina*
Vegetos, Springer

📅 2023

Statistical optimization for the production of antimicrobial compound produced by mangrove endophytic *Aspergillus* sp.
Indian Journal of Science and Technology

📅 2023

Book Publication- Environment Science
Notion Press

📅 06/2023

ISBN- 979-8890662293

Conference and Workshops

Poster Presentation in International conference on "Algal Technologies"
Sevas Educational Society, Andhra Pradesh, India and Rahul Vihar Prabandhak Committee, SofiPind, Jalandhar, Punjab, India

📅 2016

Paper presentation in national conference on "Recent trends and emerging issues in microbiology and pharmaceutical biotechnology"

📅 2019

Poster Presentation in international conference on "Microbial biotech interactions for sustainable agriculture and social development"

📅 2020

Paper Presentation in international conference on "Emerging strategies in antimicrobial agents and bio-innovations"

Department of Microbiology, School of Science, RK University, Rajkot

📅 2020

Poster presentation in national conference on recent advances and future trends in biological, chemical and physical science-2021

President Science College, Gujarat University, Ahmedabad

📅 2021

Poster Presentation in international conference on "Microbial World: Recent Development in Health, Agriculture and Environmental Sciences"
Association of Microbiologists of India (AMI) and Indian network of soil contamination Research (INSCR)

📅 2021

Poster Presentation in international conference on "Microbes in Sustainable Development"

Indian network of soil contamination research (INSCR)

📅 2021

Participated two days workshop on hands on instrumental training on sophisticated analytical instruments

Emcure, Arihant School of Pharmacy & Bio-Research Institute, Adalaj, Gandhinagar

📅 2019

Attended a national Workshop on "Assembly & Application of Foldscope"
Gujarat Vidyapith, Gandhinagar, Gujarat

📅 2019

Conference and Workshops

Participated in two days workshop on "Proteomics workflow- Sample Preparations to Sequencing"
Department of Zoology, Biomedical Technology, Human Genetics, Wildlife Biology and Conservation

 2019

Faculty Development Programme

FDP on "Open Source Tools for Research"
Ramanujan College, University of Delhi

 2020

National level FDP on "Advance tools and techniques biotechnology for startup Ecosystem Development"
Pramukh Swami Science & H.D. Patel Arts College, Kadi And Dr. B. Lal Institute of Biotechnology

 2021

International Faculty Development Program on research and teaching methodology

Govt. V.V.T. PG Autonomous College, Durg, Chhattisgarh, India

 2021

Certificate Course

Bacterial Genomes: Accessing and Analysing microbial genome data
Future Learn

 2020

COVID 19:Tackling the novel coronavirus
Future Learn

 2020