

Dr. Chetan Chandrakant Ambasana
M.Sc., Ph.D. (Microbiology) (GES-II C.B.)

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“Learn to Teach and Teach to Learn”

Education

Ph.D. (Microbiology) from Department of Biosciences, Saurashtra University, Rajkot
Title of the thesis: “Microbial Degradation of Recalcitrant Compound”
(Date of Notification: 26/06/2006)

M.Sc. (Microbiology) from Department of Biosciences, Saurashtra University, Rajkot (From July 1995 to April 1997)

Professional Positions

- Assistant Professor** : Dept. of Biotechnology Shree M & N Virani Science College – Rajkot (From 01/01/1999 to 06/03/2003)
- Assistant Professor (GES-II)** : Dept. of Microbiology Gujarat Arts and Science College – Ahmedabad (From 07/03/2003 to 18/07/2007)
- Assistant Professor (GES-II)** : Dept. of Microbiology Government Science College, Sector 15 Gandhinagar (From 19/07/2007 till date)
- Coordinator (Science Lectures)** : For SANDHAN program (DTH) at BISAG - Gandhinagar (2009)
- Officer on Special Duty (OSD) (Gyandhara/Saptadhara)** : At Commissionerate of Higher Education, Gandhinagar (2010)
- Officer on Special Duty (OSD) (CBCS, Newsletters and Journals)** : At Commissionerate of Higher Education, Gandhinagar (2010)
- Visiting Faculty** : Dept. of Biotechnology, VVP Engineering College – Rajkot
Dept. of Biochemistry, Saurashtra University, Rajkot
Dept. of Biotechnology, Ganpat University – Kherva, Mahesana
Dept. of MLT Kanoria Hospital and Reseach Center – Bhat, Ahmedabad

Subject Expert (Biotechnology) : For Gujarat Secondary & Higher Secondary Education Board – Gandhinagar (2016)
Member of Board of Study : Member of BoS (Microbiology) at Guj. University (2021-24)

Faculty Development Programs & Training

Orientation Course : From 8/12/2003 to 4/1/2004, ASC, Saurashtra University - Rajkot

Training Programme 1 : **mbtEACH-2007, “Multi-institutional training program in molecular biology and bioinformatics-2007”**, from 17/05/2007 to 25/05/2007 at GSBTM – Gandhinagar

Training Programme 2 : **“Training for quality improvement in Higher Education”**, from 25/05/2009 to 27/05/2009 at SPIPA - Ahmedabad

Refresher Course 1 : **‘ICT’**, from 8/6/2009 to 28/6/2009, ASC – Gujarat Uni. Ahmedabad

Refresher Course 2 : **‘ICT application’**, from 31/10/2011 to 20/11/2011, ASC–SP Uni. Vallabh Vidyanagar - Anand

Refresher Course 3 : **‘E-content Development’** from 3/11/2014 to 23/11/2014, ASC – SP Uni. Vallabh Vidyanagar – Anand

Training Programme 3 : **Environmental orientation/communication training programme** on 29, 30 December - 2015, Forest Department, Gujarat State Gandhinagar

Short Term Course : UGC-HRDC organized **“RUSA sponsored short term course on E-content development”** from 12/09/2016 to 18/09/2016 at Gujarat Uni. Ahmedabad

Profile

Core Competencies

- Microbiology and Biotechnology Laboratory Set up
- Basic Microbiology and Yeast biology
- Teaching Methodology
- E-learning and M-Learning
- Effective Planning, Time Management, Documentation/Report Preparation

Technical Skills

- Isolation , Identification and Preservation of Microorganisms
- Light Microscopy
- Biodegradation Study
- IT, ITeS, ICT and E-content development

Publications

Research Papers:

1. “*Decolorization of Water-Soluble Azo Dyes by Bacterial Cultures Isolated from Dye House Effluent*” Bioresource Technology, Elsevier. Accepted: 16/03/2010, Impact Factor: 5.7, SNIP: 1.820, SJR: 2.3
2. “*Assessment of Wastewater Contaminants Caused by Textile Industries*” Journal of Pure and Applied Microbiology, Accepted: 05/06/2023, Impact Factor: 0.7
3. “*Assessment of The Bioremediation Potential of Selected Bacterial Species Isolated from the Textile Printing Wastewater Inoculated with Cow Dung*” Journal of Pure and Applied Microbiology, Accepted: 05/01/2024, Impact Factor: 0.7

Participation in Conferences / Seminars/Workshops

- State Level: 10
- National Level: 10
- International Level: 04

Research Project

Industrial Research Projects:

- “*Fermentative production of baker’s yeast using agricultural wastes*” – Fast Yeast Products – Rajkot (July-2014)
- “*Bioprocess based washing and cleaning of domestic and industrial plastic wastes*” – Kartik Polymers – Rajkot (January-2015)

Special Achievements

- Established Department of Biotechnology at Shree M & N Virani Science College – Rajkot (In the year 1999)
- Established Department of Microbiology at Government Science College – Gandhinagar (In the year 2007)

Personal Details

Date of Birth : 2nd July 1975
Marital Status : Married
Languages known : English, Hindi, Gujarati

Information provided is authentic and sufficient but will be glad to furnish any more if needed.

Dr. Chetan C. Ambasana