

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

Assistant Professor & Head
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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) with 66.0% 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
Kanoria Hospital and Reseach Center – Bhat, Ahmedabad
- Subject Expert (Biotechnology)** : For Gujarat Secondary & Higher Secondary Education Board – Gandhinagar (2016)

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 Paper: *“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

Participation in Conferences / Seminars/Workshops

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

(See Annexure for detail)

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

- Selected for the post of Assistance Professor in Microbiology - College Branch (GES-II) by Gujarat Public Service Commission (GPSC) on 01/12/1998 (appointed on 07/3/2003)
- 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

REFERENCE

Dr. S. J. Pathak (Research Guide), Retired Associate Professor of Microbiology, Department of Biosciences, Saurashtra University, Rajkot, Gujarat, INDIA. Email: p_sidd_bio@yahoo.com

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

Dr. Chetan C. Ambasana

“Always Invite, Expect and Implement Novelty”

Annexure

(A) Presentations in National/International conferences/seminars/symposia

1. Presented a poster entitled *“Study of ground water pollution of Rajkot city”* at International Conference on Microbial Biotechnology, Trade and Public Policy on 15-17th July 2000, Organized by the Department of Microbiology, Osmania University – Hyderabad.
2. Presented a poster entitled *“Textile Dye Decolorization by Saccharomyces cerevesiae”* at International Conference on Microbial Biotechnology, Trade and Public Policy on 15-17th July 2000, Organized by Department of Microbiology, Osmania University- Hyderabad
3. Presented a poster entitled *“Decolorization of the textile dye RS RED H5BL by yeast”* on 27th November – 2000 in session Environmental Microbiology in MICROBIOTECH-2000, 41st Annual Conference of Association of Microbiologists of India at Birla Institute of Scientific Research - Jaipur.
4. Presented research paper (in oral session) entitled *“Decolorization of Azo Dye Reactive Orange5 by Baker’s Yeast”* in National Conference on “Environmental Biology” from 17-18 October-2002, organized by Department of Biosciences, Saurashtra University – Rajkot.
5. Presented a Poster on *“Beneficial Effects of Mycorrhizal Fungi on Plant Growth”* at UGC Sponsored National Conference on “Agriculture, Biotechnology and Sustainable Development” organized by Pramukh Swami Science and H. D. Patel Arts College – Kadi during December-17-18, 2016.

(B) Participation in National/International conferences/seminars/symposia/workshops

1. International Symposium on Recent Advances in Molecular Biology, Allergy and Immunology, Organized by the M. S. University of Baroda and State University of New York at Buffalo in association with Indian Academy of Allergy, held at Vadodara from September 3rd to 5th 2000.
2. UGC-DSA sponsored National Symposium on “Sustainable Environment: Achievements and Future Prospects” from 4th to 6th January-2001 at the Department of Biosciences S.P. University – Vallabh Vidya Nagar – Anand
3. Conference on “Basic Aspects of Bioinformatics” organized by Department of Biotechnology, Microbiology and Centre for Consultancy and Extension for Professional Development, Christ College Rajkot, from July 10-11, 2002
4. State Level Seminar on “Frontiers and Advancements in Biological Science in New Millennium” held at Yogidham Educational Campus Rajkot on 11th August – 2002.
5. Workshop on Environmental Science and Technology from 6-7 January-2003, organized by Science and Technology Vocabulary Commission, held at Regional Community Science Center – Rajkot.
6. GENETICON-2003, Biotechnology and Genetics Conference, organized by Indian Medical Association – Rajkot Branch on 23rd February – 2003.

- 7.** UGC sponsored one day state level seminar on “Environmental Problems of Saurashtra and Kutchh – Challenges and Solution” held at Yogidham Educational Commune – Rajkot on 1st February-2004.
- 8.** One day international seminar on “Emerging Trends in Molecular Biology, Medicine and Diagnostics” at Departement of Microbiology and Biotechnology Centre, The M. S. University of Baroda and Alumni Association of the Department on 18th September-2004.
- 9.** UGC sponsored one day national level seminar on “50 years of DNA double Helix Retrospect and Prospects” held at Hemu Gadhavi Hall – Rajkot, organized by Shree M & N Virani Science College – Rajkot on 11th October-2004.
- 10.** UGC sponsored one day national level seminar on “Bioinformatics-Emerging Trends” held at Hemu Gadhavi Hall –Rajkot organized by Shree M & N Virani Science College –Rajkot on 1st January-2006
- 11.** UGC – DRS sponsored one day seminar on “ Recent Trends in Microbial Technology” organized by Department of Microbiology and Biotechnology Centre, Faculty of Science – the M. S. University of Baroda, on 21st February-2012.
- 12.** Participated in Pre Vibrant – “National Summit on Innovation and Technology” and attended session on Biotechnology, Information Technology, Electronics and Start-Ups held at Mahatma Mandir – Gandhiangar organized by GSBTM, GIL, DST – GoG from 30th September-1st October-2016.
- 13.** Participated in the National Conference on “Microbial Biotechnology: Clustering Research and Industrial Demand” organized by Department of Microbiology and Biotechnology, School of Sciences, Gujarat University – Ahmedabad from 20-21 February, 2016.