

DR. HARDIK GOHEL

(Ph.D. Biochemistry)

EDUCATION QUALIFICATION

Ph.D. (Biochemistry) : Gujarat University, Awarded in 2013

SLET : Qualified GSET October 2018

M.Sc. (Biochemistry) : Sardar Patel University, Awarded in 2007

B.Sc. (Biochemistry) : Sardar Patel University, Awarded in 2005

AWARDS/HONORS

- Advisory Committee Member for International Technology Congress, 2017, Pune, India
- Reviewer of “Preparative Biochemistry & Biotechnology” published by Francis and Taylor, UK, ISSN 1082-6068
- Reviewer of “International Journal of Renewable and Sustainable energy (JRSE)” published by AIP journals, NY, USA. ISSN 1941-7012
- Reviewer of “Environmental Progress and Sustainable Energy” published by Wiley publication, USA. ISSN 1944-7450
- Reviewer of “Academia Journal of Microbiology Research (AJMR)” published by Academia Publishing House, England, UK ISSN 2315-7771
- Reviewer of “Academia Journal of Environmental Sciences (AJES)” published by Academia Publishing House, England, UK ISSN 2315-778X

PUBLICATIONS

- Gohel HR, Ghosh SK and Braganza VJ. “Yeast as an economic and prolonged feedstock for biodiesel production” published in International Journal of Renewable Energy Research (IJRER), Vol 3, No.1, pp 126 -131, 2013, ISSN 1309-0127.
- Gohel HR, Ghosh SK and Braganza VJ. “Effect of metabolic stress and various environmental conditions on lipid accumulation in halophilic yeast Candida

albicans”, paper published in International Journal of Biotechnology and biochemistry (IJBB), Vol.9, No 1. pp 61-66, 2013, ISSN 0973-2691.

- Gohel HR, Ghosh SK and Braganza VJ. “Synergetic effect of temperature and partial digestion of cellulose on conventional biogas production rate”, published in International Journal of Renewable Energy Research (IJRER), Vol.9, No.2, pp 341-346, 2013, ISSN 1309-0127.
- Tilala D, Gohel HR, Dhinoja V, Karia D. “Studies on DNA cleavage and antimicrobial screening of transition metal complexes” published in International Journal of Chemtech Research, Vol 5, No 5, pp No. 2329-2337 2013, ISSN 0974-4290.

WORKSHOP/CONFERENCE/SEMINAR

- International Conference on Challenges in Biotechnology and Food Technology (ICBF-2009) organized by Annamalai University during 8th – 10th October, 2009 was attended, where an oral presentation of my research works was presented entitled “Biodiesel Production from Yeast Biomass by Direct Transesterification”, which was appreciated a lot.
- International conference on “India Energy Conclave, 2011” organized by CII during 1st-2nd December, 2011 was participated.
- National Conference on “Environmental Technology: Today & Tomorrow” was attended in which an oral presentation on “Thermophiles as a biotic tool to increase the rate of conventional biogas production” was made. This was organized by L. D. College of Engineering and Gujarat Technical University, Ahmedabad during 18th – 19th May, 2012.
- National Conference on “Impact of Plant tissue Culture on advances in Plant Biology and XXXIII PTCA(I) Annual Meet” was attended, organized by Loyola Centre for R & D and St. Xavier’s College, Ahmedabad during 19th -21st January, 2012.
- National seminar on “DNA barcoding – Its power and practice” was attended, organized by St. Xavier’s College, Loyola Centre for research and Development and Paul Herbert centre for DNA barcoding and biodiversity studies, Baba Saheb Ambedkar Marathawada Univeristy, Aurangabad on 7th – 8th, December, 2012.
- State level conference on “XXVth – Gujarat Science Congress” was attended in which an oral presentation on “Thermophiles in the process of Biogas Production – Towards a

green chemistry” was made. This conference was organized by Dept. of Chemistry, Gujarat University during 26th- 27th February, 2011.

- Seminar on “Second seminar on modern techniques” was participated, organized by Indian association of cancer research – Gujarat chapter, The gujarat cancer and research institute, The gujarat congress society on 6th January, 2007.
- One day seminar on “Huminuty’s Heritage – Our genome and stem cells” organized by Maharaja Sayajirao University, Baroda on 1st October, 2006.
- “Short Term training Course on Molecular techniques in Plant sciences” was attended from 18th to 24th November, 2008 organized by BRD School of Biosciences, Vallabh Vidhyanagar.
- Two day workshop on “Analytical techniques for biological and chemical sciences” was participated, organized by St. Xavier’s College, Loyola centre for research and Development, Shimadzu Pte. Ltd and Anchrom Pvt. Ltd. in 2010.
- One day workshop on “Analytical techniques for biological and chemical sciences” was participated, organized by St. Xavier’s College, Loyola centre for research and Development on 8th October, 2011.
- Three days workshop on “immunological techniques and proteomics” was participated, organized by St. Xavier’s College and Helini Biomolecules, Chennai on 29th -31st March, 2010.
- One day workshop on “Biotechnology : Its application and biosafety concerns” was participated, organized by Gujarat University, Shivrath Centre of Excellence in Clinical Research (a joint venture of GSBTM, DST and GoG) in 2012.
- One day workshop on “IMC RBNQa criteria” was participated. Organized by St. Xavier’s College and IMC RBNQ on 29th March, 2011.

TECHNICAL SKILL

Sophisticated Instruments: Gas chromatography (GC – Shimadzu 2014/Agilent 5890)
High Performance Liquid Chromatography (Shimadzu 20AD)
High performance thin layer chromatography (CAMAG V)
Atomic absorption spectrophotometer (Shimadzu AA7000)
Fourier transform infrared spectrophoto. (Shimadzu, affinity -I)