
**LIST OF PUBLICATIONS, POSTERS, ACHIEVEMENTS AND
CONFERENCES ATTENDED**

Peer Reviewed Publications:

- **Thakkar, J.B.**, Gupta, S., Prabha, C.R., 2019. Acetylcholine esterase enzyme doped multiwalled carbon nanotubes for the detection of organophosphorus pesticide using cyclic voltammetry. International Journal of Biological Macromolecules 137. <https://doi.org/10.1016/j.ijbiomac.2019.06.162> (**Impact factor 6.9**)

International/National Poster Presentations during Ph.D. Duration:

- ACS Publications symposium: Innovation in material science and technology, Singapore. November 2019.
- Conference on advances in catalysis for energy and environment (CACEE 2018), TIFR, Mumbai, India. January 2018.

National Conferences attended during Ph.D. Duration:

- “Omics...to structural basis of Diseases”, Department of Biochemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-Gujarat. October 2016.
- “Advances in molecular biology”, Department of Microbiology and Biotechnology, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-Gujarat. January 2017.
- “Recent advances in cell biology”, Department of Microbiology and Biotechnology, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-Gujarat. January 2018.
- “Trends in Biochemistry and Inauguration of Prof. L. J. Parekh Memorial Lecture Series”, Department of Biochemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-Gujarat. September 2016.

Workshops Attended during Ph.D. Duration:

- “Digital Microfluidics: Design and Applications”, Global Initiative of Academic Networks, MNIT Jaipur, India. December 2019.
- “Workshop on Biological Applications of Magnetic Nanoparticles”, MagGenome Technologies Pvt. Ltd., The Maharaja Sayajirao University of Baroda, Vadodara-Gujarat. March 2019.
- “Science Communication Workshop”, The Wellcome Trust/DBT India Alliance, The Maharaja Sayajirao University of Baroda, Vadodara-Gujarat. March 2016.

Awards received during Ph.D. Duration:

- Research Scientist in NRDC DPVAPP Scheme sponsored project entitled “Rapid and reliable diagnostic biosensors for Covid-19” from June 2021 to till date.
- Ph.D. Research fellowship by The Maharaja Sayajirao University of Baroda from December 2020 to June 2021.
- TEEP international student research internship invited by Kaohsiung Medical University, Kaohsiung, Taiwan. March 2020.
- UGC Travel Award by The M. S. University of Baroda to attend TEEP international student research internship invited by Kaohsiung Medical University, Kaohsiung, Taiwan. March 2020.
- Best Presentation at the “Science Conclave 2020” Organized by Faculty of Science, The M. S. University of Baroda, Vadodara. February 2020.
- UGC Travel Award by The M. S. University of Baroda to present the paper at International Conference CACEE 2018 organized by TIFR, Mumbai, India. January 2018.
- M.S. Patel Travel Award by The Department of Biochemistry, Faculty of Science, The M. S. University of Baroda to present the paper at International Conference CACEE 2018 organized by TIFR, Mumbai, India. January 2018.

E-Symposiums attended during Ph.D. Duration:

- “Electrochemistry: Fundamentals and Applications in Engineering (EFAE20)”, Department of Chemical Engineering, National Institute of Technology, Rourkela, Odisha. October, 2020.
- EMBL Conference: Microfluidics: Designing the Next Wave of Biological Inquiry, Heidelberg, Germany. July, 2020.
- “Physics meets Biology for COVID19 Management”, Department of Physics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat. June 2020.
- “Electrochemical Biosensor Webinar-Covid19 detection”, Sinsil International Pvt. Ltd. June, 2020.
- “Mitochondrial Copper in Human Disease”, Department of Biochemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Gujarat. May 2020.

- “Loss of GSK-3Beta Kinase Mediated Phosphorylation in an HtrA2 Variant Contributes to Parkinsonian Phenotype”, The Maharaja Sayajirao University of Baroda, Gujarat. May 2020.