

## Ms. Sheetal Kulkarni



Teaching Assistant  
CGBIBT  
[sheetal.kulkarni@utu.ac.in](mailto:sheetal.kulkarni@utu.ac.in)

### *Education*

<b>Master of Science in Biotechnology</b> Department of Biotechnology, Veer Narmad South Gujarat University, Surat	<b>2015-17</b>
<b>Bachelor of Science in Biotechnology</b> Department of Biotechnology, Veer Narmad South Gujarat University, Surat	<b>2012-15</b>

### *Specialization*

**Biotechnology**

### *Professional/Teaching Experience*

<b>Teaching Assistant</b> C. G. Bhakta Institute of Biotechnology Uka Tarsadia University Tarsadi (Gujarat)	<b>31<sup>st</sup> July' 2017 - till date</b>
<b>Visiting Lecturer</b> Department of Biotechnology Veer Narmad South Gujarat University Surat (Gujarat)	<b>24<sup>th</sup> July' 2017- 29<sup>th</sup> July'2017</b>



Resolving Double Helix For Life

## Research Interest

- **Plant Molecular Biology**
- **Molecular Biology and Recombinant DNA Technology**
- **Bio-Fuels**
- **Plant Epigenetics**
- **Cancer Biology**

## Research Experience

### M. Sc. Dissertation

**Title:** Cloning of potential gene involved in the biosynthesis of Cerpegin

**Guide:** Dr. Ashok Giri, Principle Scientist, Plant Molecular Biology Unit, Biochemical Sciences Division, NCL.

CSIR- National Chemical Laboratory (NCL), Pune.

(2017)

## Achievements

- **Gold Medallist** in M. Sc. Biotechnology (3<sup>rd</sup> Rank), Department of Biotechnology, Veer Narmad South Gujarat University (2017).
- Served as the **General Secretary** of the Department of Biotechnology, Veer Narmad South Gujarat University (2016-17).
- Shortlisted at the **Indian Institute of Technology (IIT) Bombay** for M.Sc. dissertation for two projects, "**Structure guided improvement of cellulose for biofuel production**" and "**Understanding mechanism of eukaryotic chromosome segregation using *Saccharomyces cerevisiae* as a model system**" (2017).
- Qualified Minaxi Lalit Science Award of the Gujarat Science Academy thrice- 2014, 2015 & 2016.
- Secured position in TOP 20 in the South Gujarat in **The Times of India-Public Speaking Contest** (2015).
- Awarded **Best Oral Presentation** award for the topic "**Dendritic Cell Vaccine: A Promising Approach for Treating Cancer**" at the 3<sup>rd</sup> National Conference on "Contemporary Development at Biotech-Bioinformatics Interface" at Hemchandracharya North Gujarat University, Patan (2013).
- Participated as a Member and Speaker of **Youth Parliament** (2013).
- Qualified Elementary Drawing Grade Examination with "A" grade (2005).
- Achieved momentum of appreciation and certificate of Social Service by Helpage India (2005).



## Professional/Research Training/ Certificate Course/Visits and workshops

- Vocational Training in Krishak Bharti Cooperative Limited (KRIBHCO), Surat (2016).
- Visited Tandel's Shrimp Hatchery, Navsari (2016).
- One week workshop for National Level Competitive Exam Preparation under the aegis of BT- Capacity Building Cell and Gujarat State Biotechnology Mission (2015).
- Successfully completed one year Words Worth English Language Training with "A" grade (2009-10).

## Seminars/ Conferences

- Presented Poster on "**Bio-ethanol from Banana Peel**" at the 2<sup>nd</sup> National Conference on Biological tools for sustainable Environment (BTSE) at Department of Biosciences, Veer Narmad South Gujarat University, Surat, Gujarat (2016).
- Presented Poster on "**Intelligent Knife (IKnife)**" at the 4<sup>th</sup> National Conference on Contemporary Development at Biotech-Bioinformatics Interface at Hemchandracharya North Gujarat University, Patan, Gujarat (2015).
- Presented Poster entitled "**Bioplastics: Breaking out of their green niche**" in the Seminar on Environmental Protection for Sustainable Development at Bhagwan Mahavir College of Science & Technology and Bhagwan Mahavir College of M. Sc. Biotechnology, Surat, Gujarat (2015).
- Oral Presentation on the topic "**Bioplastics from Banana Peel**" at 26<sup>th</sup> State level Competition- GIBioN (Gujarat Integrated Bio Network) organized by Gujarat State Biotechnology Mission (GSBTM), Dept. of Science & Technology (DST), Govt. of Gujarat and Microbiology Study Circle, J&J College of Science, Nadiad, Kadi, Gujarat (2015).
- Attended GSBTM sponsored one-day Seminar on "**Application of Next Generation Sequencing**" organized by ARIBAS and AAU, Anand, Gujarat (2015).
- Attended the UGC-DRS sponsored Two-day National Seminar on "**Molecular Basis of Diseases**" organized by Dept. of Biochemistry, Faculty of Science, MSU, Baroda, Gujarat (2014).
- Presented Poster titled "**Biofuels from Microalgae**" at the International Conference on Biotechnology & Bioinformatics (ICBB) by International Centre for Stem Cells, Cancer and Biotechnology (ICSCCB), Pune, Maharashtra (2014).



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## C G Bhakta Institute of Biotechnology

[www.cgbibt.edu.in](http://www.cgbibt.edu.in)

- Presented Poster entitled “**CRISPR**” at the 3<sup>rd</sup> National Conference on “Contemporary Development at Biotech-Bioinformatics Interface” at Hemchandracharya North Gujarat University, Patan, Gujarat (2013).
- Presented Poster entitled “**A Little Step that Geared up Innovations in Bioscience**” at 24<sup>th</sup> State level Competition- GIBioN (Gujarat Integrated Bio Network) organized by Gujarat State Biotechnology Mission (GSBTM), Dept. of Science & Technology (DST), Govt. of Gujarat and Microbiology Study Circle, J&J College of Science, Nadiad at St. Xavier’s College, Ahmadabad, Gujarat (2013).

Date: 9<sup>th</sup> October’ 2017

Place: Tarsadi (Bardoli)



UKA TARSADIA UNIVERSITY, Maliba campus, Gopal Vidyanagar,  
Bardoli-Mahuva Road, Tarsadi - 394 350, Dist. Mahuva, GUJARATA (India)

[www.utu.ac.in](http://www.utu.ac.in)