



Dr. Ami B. Naik

Assistant Professor
CGBIBT
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Education

PhD in Applied Sciences (BIOTECHNOLOGY)

UKA TARSADIA UNIVERSITY, Bardoli

April-2018

Master of Science, BIOTECHNOLOGY

Shree Ram Krishna Institute of Computer Education and Applied Sciences

Veer Narmad South Gujarat University, Surat

May 2013

Bachelor of Science, BIOTECHNOLOGY

Shree Ram Krishna Institute of Computer Education and Applied Sciences

Veer Narmad South Gujarat University, Surat

May 2011

Specialization

Biotechnology

Professional/Teaching Experience

Visiting faculty at CGBIBT, UTU

From 13th August, 2015- 21st July, 2017

Teaching Assistant at CGBIBT, UTU

From 22nd July, 2017- 30th June, 2018

Assistant Professor at CGBIBT, UTU

From 1st July, 2018- Till date

Research Interest

- **Plant Biotechnology and Phytopharmacology**
- **Environmental Biotechnology**
- **Immunology**



Research Experience

Dissertation:

December-2012 to May-2013

“Identification of molecular marker for Abiotic stress in *Sachharum spp.* complex” at Department of **Plant Molecular Biology and Biotechnology**, Navsari Agricultural University, Navsari

One month Training in **Molecular Biology techniques** at Plant Molecular Biology and Biotechnology, Navsari Agricultural University, Navsari **(May- June 2016)**

Doctorate

(2014-2018)

Title: Genetic evaluation and phytopharmacological activity of *Costus pictus* D. Don

Guide: Dr. R. Krishnamurthy, Director, C.G.Bhakta Institute of Biotechnology, Uka Tarsadia University

Co-guide: Dr. J.M.Pathak, Emami Pvt. Ltd., Vapi

Institute: C.G.Bhakta Institute of Biotechnology

University: Uka Tarsadia University

Creditable position

- **Training and Placement co-ordinator at C. G. Bhakta Institute of Biotechnology (GCBIBT), Uka Tarsadia University.**
- **Organizing member of one day webinar workshop on “Basics of Microsoft” and “WHAT TO DO NEXT???” at C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University on 2- 3rd April, 2021.**
- **As a Guiding Teacher/Teacher In-charge**

Dissertation/M.Phil/PhD	Year	No of student
Dissertation	2018-19	4
Dissertation	2019-20	8
Dissertation	2020-21	8

Presentations

1. **Poster** presentation in National symposium on “Entrepreneurship in Microbial Technology & Computer Science” organized by SRKI, Surat, 2013.
2. **Oral** presentation on “Identification of DNA based molecular markers associated with abiotic stress in *Sachharum* spp. Complex” at the First International and Third National Conference “BIOTECHNOLOGY, BIOINFORMATICS AND BIOENGINEERING” held at Tirupati, Andhra Pradesh, 28-29 June, 2013.
3. **Poster** presentation in International conference on “Current Status, Opportunities and Challenges in Medicinal Plants and Natural Product Research” held at C. G. Bhakta Institute of Biotechnology, on 24th – 26th September, 2014.
4. **Poster** Presentation in 22nd Indian Society of Chemists & Biologists International Conference (ISCBC-2016) on “Recent Trends in Affordable and Sustainable Drug Discovery and Developments” held at Uka Tarsadia University, Tarsadi in February, 2016.
5. **Presented Research paper** in XXX Gujarat Science Congress-2016 on “Challenges for Science and Technology Education during coming Decades: Preparing for a Sustainable Gujarat” in February, 2016.
6. **Oral** presentation at 4th International Congress of Society for Ethnopharmacology, India, is “Healthcare in 21st century: Perspectives of Ethnopharmacology & Medicinal Plant Research held at Uka Tarsadia University from 23rd to 25th February, 2017.
7. **Oral** presentation at international conference on AIBIOSD (Advanced and Innovations in Biotechnology for Sustainable Development) organized by Department of Biotechnology, AKS university, Satna, MP from 5th to 7th April, 2019.

Professional/Research Training

1. National Workshop on “Computation of Statistical Analysis using SPSS for Pharmaceutical Research”, organized by Maliba Pharmacy College, Uka Tarsadia University, Bardoli on 6-7 March, 2014.
2. National Workshop on “How to Write Thesis using Application Software ”, organized by Electrical Engineering Department, CGPIT, Uka Tarsadia University, Bardoli on 6th September, 2014.



3. One month Training in Plant Molecular Biology and Biotechnology at Plant Molecular Biology and Biotechnology, Navsari Agricultural University, Navsari from 1st to 30th June, 2016.
4. 3 days “Advanced Cell culture Techniques” Hand-on workshop at GenXplore Diagnostic and Research Centre, Ahmadabad from 7th December to 9th December, 2017.
5. Attended GSBTM sponsored workshop on Chemistry and Mathematics for Biologists , 26-27 March, 2018.
6. Participated 5 days’ workshop on Intensive Crash Workshop for cracking IIT-JAM, JNU-CEEB Exams from 15th to 20th February, 2020 sponsored by Network of Biotechnology Capacity Building of Gujarat State Biotechnology Mission at C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University.
7. Attended 7 days online student development program from 30th June to 6th July 2020 on “E-learning: Blackboard to broadband” organized by Satish Pradhan Dnyanasadhana College, Thane in association with Department of Commerce, University of Mumbai.
8. Attended 3 days FDP from 8th to 10th July, 2020 on: Responsibilities of Microbiologist in Combating Pandemic Disease: organized by Department of Microbiology, K. S. Rangasamy college of arts and science (Autonomous), Tiruchengode.
9. Participated in online workshop on “HPTLC techniques and its Applications in Agriculture” organized by Department of Plant Molecular Biology and Biotechnology, ASPEE College of Horticulture and Forestry, Navsari Agricultural University, Navsari on 3rd November, 2020.

Publications

1. Assessment of Genetic Diversity in *Costus Pictus* Accessions Based on RAPD and ISSR Markers . (2017). **Naik, A.**, Prajapat, P., Krishnamurthy, R. *3Biotech.* 7: 70. Doi: 10.1007/s13205-017-0667-z
2. Antioxidant activity and phytochemical screening of *Costus pictus* D.Don leaf extracts. (2017). **Naik A**, Krishnamurthy R*, Pathak J. *International Journal of Pharmacognosy and Phytochemical Research*; 9(6); 789-796 ISSN: 0975-4873





3. Comparative physicochemical and phytochemical evaluation for insulin plant-*Costus pictus* D.Don accessions. (2017). **Naik Ami**, Krishnamurthy Ramar, Pathak Janardan. *International Journal of Applied Ayurved Research*; 3(2); 420-426 ISSN: 2347- 6362.
4. Effect of co-administration of metformin and extracts of *Costus pictus* D.Don leaves on alloxan-induced diabetes in rats. (2021). **Ami Naik**, Sherif Babatunde Adeyemia, Bhavin Vyas, Ramar Krishnamurthya. *Journal of Traditional and Complementary Medicine*, <https://doi.org/10.1016/j.jtcme.2021.08.007>
5. **Ami Naik** and Pooja Patel. (2021). ISOLATION AND IDENTIFICATION OF IRON OXIDIZING MICROBES. In: Amaresan N, Amin D, Patel P (Eds). Practical Handbook on Agricultural Microbiology. Springer Protocol Series, Humana Press, Springer. (In press). ISBN-9781071617243.

Date: 25/09/2021

Place: Bardoli

