

Name: Dr. Yesha Master

Designation: Assistant Professor, Biotechnology

School: School of Science

Research Interest:

- Plant tissue culture
- Molecular biology
- Microbiology
- Genetic engineering



Academic Background:

Degree	Subject	University	Year
<u>P.h.D.</u>	<u>Bioscience (Biotechnology)</u>	<u>Veer Narmad South Gujarat University</u>	<u>2020</u>
<u>M.Sc.</u>	<u>Biotechnology</u>	<u>Veer Narmad South Gujarat University</u>	<u>2013</u>
<u>B.Sc.</u>	<u>Biotechnology</u>	<u>Veer Narmad South Gujarat University</u>	<u>2011</u>

Professional Experience:

From	Period	Position	Organization
<u>19/06/2019</u>	<u>31/12/2021</u>	<u>Teaching Assistant</u>	<u>GSFC University, Vadodara</u>
<u>01/01/2018</u>	<u>30/05/2019</u>	<u>Visiting Faculty</u>	<u>Veer Narmad South Gujarat University, Surat</u>
<u>15/07/2013</u>	<u>30/06/2016</u>	<u>QA/QC Chemist</u>	<u>Reliance Industries Ltd., Surat</u>

Teaching Engagements:

Plant Tissue Culture, Microbiology, Immunology, Genetic Engineering, Plant Biotechnology, Genetic Engineering, Biochemistry and Analytical techniques, Microbial technology, Environmental Biotechnology

CONFERENCE AND SEMINARS

- Presented a poster in 4th International Congress of The Society For Ethanopharmacology, India: "Healthcare in 21st century: Perspectives of Ethanopharmacology and Medicinal Plant Research" –February 2017, at Uka Tarsadia University, Bardoli, Gujarat, India
- Attended the symposium on 'Contemporary trends in Cancer Research' on March 18, 2017, organized by Department of Biosciences(UGC-SAP-DRS-II), VNSGU, Surat
 - Participated in oral presentation in 3rd National Conference on "Biological Tools for Sustainable Environment(BTSE-2018)"-March 2018, at Department of Biosciences (UGC-SAP-DRS-II), VNSGU, Surat
- Participated in the one day National workshop on "Computation in Life Sciences"- March 2018, at Department of Biosciences (UGC-SAP-DRS-II), V.N.S.G.U., Surat
- Attended GSBTM sponsored seminar on "Triumphant biotechnologist" V.N.S.G.U, Surat
- Attended "Biotechnopreneur" workshop sponsored by GSBTM & NSTEDB.
- Participated in oral presentation in an international conference on "Recent advances in traditional medicine, medicinal plants and phytochemistry" held on 8th-9th February- 2019 at Ahmednagar college, Ahmednagar. India
- Participated in oral presentation in a National seminar on "Innovative approaches in plant tissue culture" held on 21st February-2019 organized by shree M. & N. Virani science college, Rajkot.
- Attended the two days symposium on Trends in Biochemistry and Inauguration of Prof. L. J. Parekh Memorial Lecture Series held on 27th and 28th September- 2019 at The Department of Biochemistry, the M.S. University of Baroda.
- Participated in "Woman Scientists & Entrepreneurship conclave organized by Council of Scientific Research and Industrial Research" held on 22nd and 23rd December 2020 .
- Participated in the national education conclave on "Re-imaging university education with a heart-centered approach" held on 12th-13th January 2021.

WEBINARS & WORKSHOPS

- National webinar on "Implications of the new education policy 2020 on the school education system of India" on 13th August 2020 organized by Department of Human development, Sheth P.T. Mahila collage of Arts and home science, Vanita Visharam.
- Webinar on Medical health care: BCG, a century old vaccine against Covid 19 -Science and sense and microbial enzymes in healthcare on August 29th, 2020 organized by The Biomics.
- National webinar on "Funding opportunities in Biotechnology" Delivered by Dr. Meenakshi Munshi and organized by PG and research department of biotechnology and bioinformatics on 27th June 2020
- Attended webinar on "How to prepare your manuscripts for publication in top journals. By Kavitha Scranton, PhD., senior scientific editor, Immunity (Cell press) on May 12, 2020.
- Attended a one day seminar on: "Adsorption and Adsorbents: Theory and Applications" organized by the Department of Chemistry, M.A.N.I.T, University of st. Andrews and DCRUST under MHRD sponsored SPARC project, on 8th March 2021.
- Has participated in DTU-Sponsored one week international E-Workshop on Bioinformatics held on December 14th -18th, 2020.
- Attended webinar on "Funding opportunities for scientists and engineers in India: organized by Indrashil University, Rajpur, Kadi, and Gujarat, held on 20th February, 2021.
- Attended webinar on "outreach program by India Alliance-GBRC, GSBTM, held on 11th June, 2021.
- Attended one day workshop on "PCR, UV-Vis spectrophotometer and HPLC" on 17th May 2021, organized by ARIBAS, CVM University.

- Attended one day online seminar on “ Adsorption and Adsorbents: Theory and Applications” organized by Department of Chemistry-M.A.N.I.T (Bhopal, India), University of St. Andrews (Scotland, UK) and DCRUST under MHRD sponsored SPRAC project, on 8th March, 2021.
- Has participated in the International webinar on “Gene Expression and Pathway Activity, Meta-Analysis of SARS-Cov2 Infection In lungs held on 17th June, 2021 and organized by Biosetup Life sciences in collaboration with Michigan state University and ICER.
- Participated in 3 days National hands-on-workshop on “Genomics & Proteomics Techniques”, organized by R. K. University, Rajkot, from 21st -23rd October 2021.

Publications:

- 1) Master Y.M. and Shah G.S. “Production and partial purification of xylanase enzyme from soil isolate.” Journal of science and technology, VNSGU, July 2015. 4(1):216-223.
- 2) Master Y and Somani V. Clonal micro-propagation of threatened *Moringa concanensis* Nimmo (Moringaceae) sustainable alternative. International Journal of Pharmaceutical Science & Research, 2020; 11(6): 1000-07. [doi:10.13040/IJPSR.0975-8232.11\(6\)](https://doi.org/10.13040/IJPSR.0975-8232.11(6)).

Awards/Recognitions:

- Honored with 1st prize in oral presentation in an international conference on “Recent advances in traditional medicine, medicinal plants and phytochemistry” held on 8th and 9th February -2019 at Ahmednagar college, Ahmednagar, India.
- Awarded PhD scholarship by Veer Narmad South Gujarat University, Surat for pursuing PhD.

INTERNSHIP/TRAINING

- Has carried out internship on treatment of wastewater and industrial effluent at Alembic Ltd., Vadodara.
- Summer training at Quality Control & Assurance department at SUMUL, Surat.
 - Hands on training of various microbiological and chemical parameters and related instruments at Pollucon Laboratories Pvt Ltd., Surat.

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