

Curriculum Vitae

Mansi P. Mehta

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To get expertise in the field I pursue, especially in field of Academics, and thereby contributing a piece of mine for the development of mankind, and to achieve this I believe in myself that I am a confident, determined and enthusiastic person who strives on new challenges. I dream myself to be a source of inspiration for others.

ACADEMIC CREDENTIALS

<i>Examination</i>	<i>Board/ University</i>	<i>Year of Passing</i>	<i>Percentage</i>
<i>Ph.D.(Bioscience-Biotechnology)</i>	V.N.S.G. University, Surat	June, 2016	Degree Awarded
<i>Course work (Ph. D.)</i>	V.N.S.G. University, Surat	2014	76.70% (7.67/10)
<i>M. Sc. Biotechnology</i>	V.N.S.G. University, Surat	2011	66.71%
<i>B. Sc. Biotechnology</i>	V.N.S.G. University, Surat	2009	58.62%
<i>H.S.C</i>	G.H.S.E.B., Gandhinagar	2006	78.80%
<i>S.S.C</i>	G.S.E.B., Gandhinagar	2004	88.14 %

Ph. D. Research Work

A thesis submitted on “**SCREENING AND ISOLATION OF NATURALLY OCCURRING MICROBIAL PIGMENTS, THEIR CHARACTERIZATION AND APPLICATIONS**” in the faculty of science (**BIOSCIENCE-BIOTECHNOLOGY, REGISTRATION NO. 2984**)

Guide: Dr. GAURAV SHAH

(Assistant Professor, Department of Biotechnology, V.N.S.G.U., Surat)

PUBLICATIONS : 06

- ❖ **Mehta, M., et. al., (2010):** ‘Determination of Antibacterial Activity and MIC of Crude Extract of *Abrus precatorius* L. *Advanced Biotech Journal*, Vol. 10, **(02):**25-28, ISSN: 0973-0109.
- ❖ **Mehta, M. And Gaurav, S. (2015):** Extraction of pigment from *Serratia marcescens* and its application in candle industry. *Advances in Applied Research*, Vol. 7 **(2):**144-146, ISSN Print: 0974-3839. ISSN Online: 2349-2104. **[NAAS Rating: 2.98]**
- ❖ **Mehta, M. And Gaurav, S. (2016):** Incorporation of Biocolours in textiles: An ecofriendly approach. *International Journal of Applied Research* 2016; **2(2):** 214-218, ISSN Print: 2394-7500, ISSN Online: 2394-5869, **Impact Factor: 5.2.**
- ❖ **Mehta, M., et. al., (2016):** Degradation of keratin waste products by *Kocuria rosea*. *National Journal of Advanced Research*; **4 (2):** 21-22, Online ISSN: 2455-216X; **Impact Factor: RJIF 3.42.**
- ❖ **Mehta, M., et. al., (2016):** Isolation and Characterization of *Khaman* Fermenting Microorganisms. *Trends in Biosciences*; **10(8):** Print: ISSN 0974-8431, 1574-1576; **[NAAS Rating: 3.94].**
- ❖ **Mehta, M., et. al., (2017):** Antimicrobial activity of different medicinal plants and honey against microorganisms isolated from infected wound area on skin of human. *Int. J. Adv. Res*; **5(8):** Print: ISSN: 2320-5407, 109-114; **[Impact Factor: 6.118].**

RESEACH PAPER/ARTICLE PUBLISHED IN BOOK: 02

- ❖ **Mehta, M. And Sanjay, A. (2012):** “Soil Microbial Biomass and Activity in Salt Affected Coastal Soils under Different Land Uses”. *Proceeding Journal-Advanced Trends in Applied Sciences and Technology*, 337-343, **ISBN:** 978-81-923514-0-7.
- ❖ **Mehta, M. And Gaurav, S. (2017):** Incorporation of Biocolours in textiles: An Ecofriendly Approach. *Innovating for Development and Sustainability*; 39-45, **ISBN:** 978-93-86256-79-9.

Publications Score Index

Citations	h-index	i 10-index
16	1	1

FEW IMPORTANT: CONFERENCE ATTENDED: 09

Sr. No.	Mode of Presentation	Events/Organizing Committee	Title of Paper
1.	Poster	National Symposium on "BIOTECHNOLOGY LED PARADIGM SHIFT-2010" ARIBAS, New V.V. Nagar, Anand in 2010	"DETECTION OF ANTIMICROBIAL ACTIVITY FROM THE EXTRACT OBTAINED FROM <i>Abrus precatorius</i> L."
2.	Oral	National Symposium on "Medicinal plants: A Promising Resource of the Country" at Department of Biosciences, Veer Narmad South Gujarat University, Surat in June, 2010.	"DETERMINATION OF ANTIBACTERIAL ACTIVITY AND MIC OF CRUDE EXTRACT OBTAINED FROM <i>Abrus precatorius</i> L."
3.	Oral	State level Competition On "Current Trends In Biotechnology & Business Idea" organised by the M.Sc. Biotechnology Course, V.N.S.G.University, in association with The Southern Gujarat Chamber of Commerce and Industry (SGCCI), held on 24 th April, 2011.	"DETERMINATION OF ANTIBACTERIAL ACTIVITY AND MIC OF CRUDE EXTRACT OBTAINED FROM <i>Abrus precatorius</i> L."
4.	Oral	National conference on "Advanced Trends in Applied Sciences and Technology", organised by Sarvajanic Education Society, held on 27 th -28 th January, 2012.	"SOIL MICROBIAL BIOMASS AND ACTIVITY IN SALT AFFECTED COASTAL SOILS UNDER DIFFERENT LAND USES"
5.	Poster	UGC-CPE sponsored national seminar on 'Recent Advances in Life Sciences and Chemical Science' by Department of Bio-sciences & Chemistry, M.B. Patel Science college, Anand on Saturday, 10 th August, 2013.	"MOLECULAR CHARACTERIZATION OF GAMMA IRRADIATED MUTANT OF <i>JATROPHA</i> SPP."
6.	Poster	Indian society of coastal agricultural research, CSSRI, Regional Research Station, Canning Town, West Bengal at central soil salinity research institute, Regional research	"STUDIES ON SOIL MICROBIAL ACTIVITY UNDER DIFFERENT LAND USE SYSTEMS IN COASTAL SALINE SOILS OF BARA TRACT, GUJARAT"

station, bharuch in 10th national symposium on managing natural resources for enhancing agricultural & Allied productivity in coastal region under changing climate in 2013.

7. **Poster** International Conference on, “Current Status, Opportunities and Challenges in Medicinal Plants and Natural Product Research” organized by C.G.Bhakta, Institute of Biotechnology, UKA TARSADIA UNIVERSITY, Bardoli on 24-26th September, 2014. **“ANTIBACTERIAL ACTIVITY OF EXTRACTED BIO-PIGMENTS FROM NATURAL SOURCES”**
8. **Paper** National Conference on Innovating for Development and Sustainability held at Navrachana University, Vadodara during 30-31th October, 2015. **“INCORPORATION OF BIOCOLOURS IN TEXTILES: AN ECO FRIENDLY APPROACH”**
9. **Poster** National seminar on the occasion of World Food Day Emerging trends in Food Quality and Safety on organized by College of Food Processing technology and Bioenergy Anand Agricultural University, Anand, Gujarat on October 15-16, 2015. Title **“BIOCOLOURANTS: A BOON FOR REPLACEMENT OF SYNTHETIC COLOUR IN FOOD & FEED”**

FEW IMPORTANT: TRAININGS/WORKSHOPS/SEMINAR/SYMPOSIUM ATTENDED: 08

Sr. No.	Events	Organized By	Topic
1.	Training	Pollucon laboratories PVT. LTD., Surat. (30 th September, 2010).	Atomic Absorbption Spectrophotometer(AAS), Gas Chromatography and Gas Chromatography Mass Spectroscopy
2.	Seminar	Span Educational & Research Foundation, Udhna, Surat. (2 nd March, 2012).	“Recent Trends in Laboratory Techniques”
3.	Seminar	Department of Biosciences, V.N.S.G. University, Surat. (3 rd	“Hands on Training of Sophisticated Instruments”

		March, 2015).	
4.	Training	Saffron Lifescience, Bilimora in association with Biotechnology Department at V.N.S.G.U. Campus, Surat (from 23 rd May, 2015 to 30 th May, 2015).	“Molecular Biology Techniques”
5.	Training	Saffron Lifescience, Bilimora in association with Biotechnology Department at V.N.S.G.U. Campus, Surat (from 6 th June, 2016 to 8 th June, 2016).	“Hands-on training in Bioinformatics”
6.	Training	Chemical Engineering Department of S.V.National Institute of Technology, Surat (from 26 th -30 th September, 2016)	One week short term training programme (STTP) on “Waste to Wealth : Fundamentals & Hands on Experience”
7.	Seminar	Bhagwan Mahavir College of Science & Technology, Surat (16 th September, 2016)	GUJCOST sponsored National Seminar on “ Bioanalytical Instrumentation and Techniques”
8.	Symposium	Department of Biosciences (UGC-SAP-DRS-II), V.N.S.G. University, Surat (March 18, 2017).	“Contemporary Trends in Cancer Research” Sponsored by Minoo Parabia Endowment Fund.

ACHIEVEMENTS

- ❖ Have taken part in the “**word chain**” competition and stood **second** among the competitors, arranged by sarvajanik education society managed V.T. Choksi Sarvajanik College of Education, Surat, in the year 2002.
- ❖ Awarded **4th Rank** in “Gujarati Pratibha Shodh” Exam held by Gujarat Vidyapith, Ahmedabad in 2004.
- ❖ Awarded for the outstanding performance and achievement in “**Chess (Rank I)**” for the academic year 2008-2009, organised by Department of Biotechnology, V.N.S.G.U., Surat.
- ❖ Awarded for the outstanding performance and achievement in “**kho-kho**” for the academic year 2009-2010, organised by Department of Biotechnology, V.N.S.G.U., Surat.
- ❖ **Paper presented** at National Conference on Innovating for Development and Sustainability on “**Incorporation of Biocolours in Textiles: An Eco Friendly Approach**” held at Navrachana University, Vadodara during 30-31th October, 2015 was awarded as **best paper**.

- ❖ Received **Appreciation certificate** for Ph. D degree by Shri Bruhad Anavil Samaj, Navsari On 18th September, 2016.

EXTRA CURRICULAR

- ❖ Have taken part in “**Painting competition**” organized by Gujarat State Art Teacher’s Association in 1998.
- ❖ Have cleared “**Prarambhik Music**” exam organized by Akhil Bhartiya Gandharva Mahavidyalaya Mandal, Mumbai in 1999.
- ❖ Have cleared “**Sanskrit Madhyama Parikshaya**” exam held by Shree Brihad Gujarat Sanskrit Parishad, Ahmedabad in 2005.
- ❖ Have taken part in “**English Efficiency Examinations**” organized by Shree Sadashiv Foundation and secured Distinction in February, 2005.
- ❖ Have taken part in “**All INDIA ESSAY WRITING**”, conducted by Sahaj Marg Spirituality Foundation and secured above 60% in 2005.
- ❖ Have cleared “**Rashtrabhasha Prathmik, Prarambhik and Pravesh**” exams held by Rashtrabhasha Prachar Samitee, Vardha in 1998, 1999 and 2001 respectively.
- ❖ Participated in the **Swarnim Gujarat Seminar** on “Gyan Shakti, Yuva Shakti and Development” held on April 21, 2011 at Surat.
- ❖ Contributed as a **resource person** for GSBTM CAPACITY BUILDING CELL SIX DAYS CRASH WORKSHOP for Training Biotechnology Students for National Competitive Examination during 22nd to 27th February, 2012, sponsored by GSBTM, Gandhinagar and Organised by Department of Biotechnology, V.N.S.G.U., Surat.
- ❖ Have attended **Crash Course on CSRI NET**, organized by ARIBAS, Anand from 1st – 5th December, 2015.

Dissertation as a part of extracurricular activity

- ❖ A thesis submitted as a part of extracurricular activity on “**Determination of Antibacterial Activity and MIC of Crude Extract of Abrus precatorius L.**” at the Department of Biotechnology, Veer Narmad South Gujarat University, Surat in 2010.

My Post graduation dissertation:

I have completed my dissertation work in partial fulfilment of Post graduation Degree - M. Sc. Biotechnology on “**Soil microbial biomass and activity in salt affected coastal soils under different land uses**” at Central Soil Salinity Research Institute, Regional Research Station (ICAR), Bharuch-392 012 in 2011.

ACQUIRED SKILLS

1. Handling Laboratory Instruments:

UV-Spectrophotometer, Nitrogen Analyzer (Kel Plus), Flame photometer, Colorimeter, Electrical Conductivity and pH meter etc. during my dissertation work at Central Soil Salinity Research Institute, Regional Research Station, Bharuch and also have experience and basic knowledge of microbiology and molecular biology skills.

2. Computer Literacy:

MS-office MS word, MS-Excel, MS-Powerpoint, MS-Publisher

3. Scientific writings:

Research paper/ Review article

WORK EXPERIENCE

- ❖ I have been appointed as Visiting Faculty at M. Sc. Biotechnology Course, Veer Narmad South Gujarat University, Surat since 6th July, 2011 to 3rd July, 2016.
- ❖ Currently working as Teaching Assistant from 4th July, 2016 at M.Sc. Biotechnology Department, V.N.S.G.U., Surat.

Dealing Subjects:

Introduction to Biotechnology, Microbiology, Virology, Cell Biology, Dairy Technology

PERSONAL DETAILS

Date of Birth	: 22 th February, 1989.
Gender	: Female
Marital Status	: Married
Permanent Address	: 106, Muktanand Apt., Nutan Society Road, Dudhiya Talav, Navsari-396 445, Gujarat.
Contact No	: 91-9974362177, 02637-233746
E-mail	: mansi_mehta222@yahoo.com

HOBBIES

- ❖ Travelling
- ❖ Reading Novels
- ❖ Drawing
- ❖ Teaching