

## CURRICULUM VITAE

NAME: **Gaurav Sureshchandra Shah**

OCCUPATION: **Assistant Professor (Microbiology) & Coordinator** in  
Department of Biotechnology, Veer Narmad South Gujarat  
University, Surat.

FATHER'S NAME: Late Shri Sureshchandra Kantilal Shah

DATE OF BIRTH: 18<sup>th</sup> June, 1976

SEX: Male

MARITAL STATUS: Married

ADDRESS: 3/A, Sun Trust Apartment,  
Beside Swastik Woods,  
Near Someshwara Enclave, Vesu,  
Surat- 395007. Gujarat. INDIA.  
Ph. (0261) 2203148  
E-mail: **gauravshah@vnsgu.ac.in**

### EDUCATIONAL QUALIFICATIONS:

DEGREE	YEAR OF PASSING/ AWARD	NAME OF UNIVERSITY	REMARKS
<b>B. Sc. MICROBIOLOGY</b>	May-1996	Gujarat University, Ahmedabad.	<b>First Class</b>
<b>M. Sc. BIOSCIENCES (Sp. Microbiology)</b>	April-1998	Veer Narmad South Gujarat University, Surat.	<b>First Class</b>
<b>Ph. D. BIOSCIENCES (Sp. Microbiology)</b>	August-2003	Veer Narmad South Gujarat University, Surat.	<b>Degree Awarded</b>

**Title of Ph. D. Thesis:** Study of Microbiological Aspects of Some Industrial Effluents.

## Work Experience (As Graduate/ Post Graduate Teacher):

<u>Name of the Department &amp; University</u>	<u>Designation</u>	<u>From</u>	<u>To</u>	<u>Full/Part time</u>	<u>Class and Subject</u>
<b>Department of Life Sciences,</b> Hemchandracharya North Gujarat University, Patan.	Adhoc Lecturer	3/2/1999	6/7/2002	Full-time	<u>M. Sc. Part I &amp; II</u> Microbiology
<b>Biosciences Department,</b> Veer Narmad South Gujarat University, Surat.	Teaching Assistant	12/2/2007	2/10/2009	Full-time	<u>M. Sc. Integrated Biotechnology</u> Subjects: Microbiology, Biochemistry, Genetic Engineering and Biotechnology
<b>Department of Biotechnology,</b> Veer Narmad South Gujarat University, Surat.	Assistant Professor	3/10/2009	Continue	Full-time	<u>B. Sc. Microbiology/M. Sc. Integrated Biotechnology</u> Subjects: Microbiology, Enzyme & Bioprocess Technology, Molecular Biology, Entrepreneurship Development

## Administrative Experience:

<u>Name of the Department &amp; University</u>	<u>Designation</u>	<u>From</u>	<u>To</u>	<u>Full/Part time</u>	<u>Type of Work</u>
<b>Department of Biotechnology,</b> Veer Narmad South Gujarat University, Surat.	Coordinator	16/6/2010	Continue	Full-time	Complete Administration of Department of Biotechnology. Courses: -M. Sc. Integrated Biotechnology -B. Sc. Microbiology -Post Graduate Diploma in Molecular & Biochemical Technology

## Publications:

<b>Research Paper &amp; Articles</b>	<b>42</b>
<b>Books/Book Chapters</b>	<b>04</b>

Google Scholar	Citations	h-index	i 10-index
	<b>72</b>	<b>5</b>	<b>1</b>

## Research Project: 02

Sr. No.	Title & Scope of the R & D Project	Year in which started	Cost (Amount Rs.)	Remark (Status: Completed/not completed)	Funding Agency
1.	Development of Enzymatic Technique for Weight Reduction of Polyester (As <b>Consultant</b> of MANTRA, Surat)	2009	Rs. 3,00,000=00 (as consultancy charge)	Completed 2011	Ministry of Textiles, Government of India, Through MANTRA, Surat
2.	Silver Nanoparticles: Chemically and Biosynthetically prepared Silver Nanoparticles for targeted drug delivery (As <b>Principal Investigator</b> )	2016	90,000/-	Completed 2018	Gujarat Council of Science and Technology (GUJCOST), Gandhinagar.

## Extended Academic Activities:

### MEMBERSHIP:

- Life member of 'Association of Microbiologists of India' since 1999.
- Life member of 'Microbiologists Society, India' since June 2020.
- Member of Gujarat Science Academy, Ahmedabad.
- Served as Chairman of Adhoc Board of Studies in Biotechnology for 6 years.
- Member of Adhoc Board of Studies in Biotechnology, VNSGU, Surat.
- Member of Editorial and Advisory Board from July 2014 in *International Journal of Sciences & Applied Research*, ISSN: 2394-2401.
- Member of Advisory Board from year 2016 in *International Journal of Science Info*, ISSN: 2455-4367.
- Member of Research Advisory Committee (RAC) in Microbiology and Aquatic Biology.
- Member of Internal Quality Assurance Cell of Veer Narmad South Gujarat University, Surat from October 2020.
- Chairman of Biotechnology Committee of South Gujarat Chamber of Commerce and Industry (SGCCI) Surat, from November 2020.
- Member of Advisory Committee at University Level for National Service Scheme (NSS) from 1/1/2021 to 31/12/2023.

### DESIGN OF NEW CURRICULA AND COURSES:

- Prepared syllabus for the Proposed CBCs for B. Sc. Biotechnology Course: Total 5 Theory papers: Cell Biology, Genetics, Enzyme Technology, Intellectual Property Rights in Biotechnology and Microbial Biotechnology.
- Appointed as subject expert for designing course labels in the subject of Biotechnology by Knowledge Consortium of Gujarat, Gandhinagar. Attended two days workshop for the same at Biotechnology Department, M. & N. Virani Science College, Rajkot on 18<sup>th</sup> – 19<sup>th</sup> December, 2012.

### INVITED LECTURES:

- Invited to deliver lecture on **“Mushroom Cultivation”** to M. Sc. Microbiology students of semester-III, at M. B. Patel Science College, Anand on 22<sup>nd</sup> September, **2007**.
- Invited for an Interactive Session on **“Importance of Bioinformatics in Biotechnology”** with XII<sup>th</sup> class Science students at Rayan International School (I.C.S.E. Board), Surat on 19<sup>th</sup> September, **2008**.
- Invited to deliver lecture on **“Biotechnology: Pros & Cons”** to the Student’s of B. Sc. Medical Technology at Naran Lala College, Navsari on 4<sup>th</sup> March, **2010**.
- Invited to deliver talk on Biotechnology at Seminar on **“BIOPRENEUR CAMPS”** organized by The Southern Gujarat Chamber of Commerce & Industry, on 22<sup>nd</sup> November, **2010** at ‘Samruddhi’, Nanpura, Surat.
- Invited for an Interactive Session on **“Proteomics & Genomics”** with XII<sup>th</sup> class Science students of Rayan International School (I.C.S.E. Board), Surat on 29<sup>th</sup> January, **2011**.
- Delivered lecture as Resource Person on **“Basics of Environment and Environmental Ethics and Environmental Status of Gujarat”** at training programme for H. Sc. Teachers (Science stream) on “Eco-system Management & Conservation” at Hotel Lords Plaza, Surat, organized by Gujarat Ecology Commission (GEC), Forest & Environment Department in collaboration with Department of Education, Gandhinagar on 26-27 September, **2012**.
- Delivered lecture in the subject of **Microbiology** from SANDHAN (Live Television Lecture Series from BISAG), Gandhinagar on 24<sup>th</sup> December, **2012**. [Reference: kcg/SNADHAN/bisag/rec/2012/12/199 Dated: 24/12/2012.]
- Delivered lecture as resource person on **“3 Wings of Success In Molecular Biology Research”** in faculty development programme at Naranlala College, Navsari on 4<sup>th</sup> January, **2015**.
- Invited to deliver talk on Career in Biotechnology at **“Career Week”** organized by Aga Khan School, Sidhpur on 10<sup>th</sup> September, **2016**.
- Invited to deliver talk on Career in Biotechnology at **“Career Week”** organized by Aga Khan School, Mundra on 2<sup>nd</sup> December, **2016**.
- Delivered lecture as resource person on **“Magnetosomes”** in TEQIP-II sponsored one week STTP on **“Nanotechnology & Biotechnology- The Pinnacle of Scientific Efforts”**, organised by Applied Physics Department, SVNIT, Surat, from 21-24 March, **2017**.
- Invited to deliver talk on **“Opportunities & Challenges in Biotechnology”** at Seminar on **“BIOTECHNOLOGY”** organized by The Southern Gujarat Chamber of Commerce & Industry, on 6<sup>th</sup> March, **2018** at ‘Samruddhi’, Nanpura, Surat.
- Delivered invited expert lecture as Resource Person on **“Assay Techniques in Immunology: Principles and Applications”** at Intensive Crash Course for Cracking IIT-JAM, JNU-CEEB entrance exams sponsored by Network of Biotechnology Capacity Building Cell (N-BTCBC) of Gujarat State Biotechnology Mission (GSBTM) at C. G. Bhakta Institute of Biotechnology, UKA Tarsadia University, Bardoli from 10-15 December, **2018**.

- Delivered lecture as Eminent Speaker at National Integration and Youth Leadership Camp in Dedication to Sardar Vallabhbhai Patel organised by Central Calcutta Science & Culture Organisation for Youth in Cooperation with Ministry of Home Affairs, Government of India on **“Environment Pollution and Climate Change”** at Atomic Energy Central School, Kakrapar, KAPS Township, Vyara 28<sup>th</sup> December, **2018**.
- Invited to deliver lecture on **“Introduction of Biotechnology”** to Undergraduate students organized by Department of Zoology, Navyug Science College, Surat on 23<sup>rd</sup> January, **2019**.
- Delivered lecture as resource person in A One Day Induction Programme: Entrepreneurship Elite 2019; A Guide to Business Start-ups: A Zero to Many Zeros on **“μBIOlogy to BIObusiness”**, jointly organised by Naran Lala Post Graduate Microbiology Department and Naran Lala School of Industrial Management & Computer Science, MBA Department, Navsari on 28<sup>th</sup> February, **2019**.
- Invited to deliver talk on Career in Biotechnology at **“Career Conclave 2019”** organized by Calorx Public School, Ghatlodia, Ahmedabad on 16<sup>th</sup> June, **2019**.
- Invited to deliver talk on Career in Biotechnology at **“Career Conclave”** organized by Narmada Calorx Public School, Bharuch on 18<sup>th</sup> August, **2019**.
- Delivered lecture as resource person on **“Setting up SSI & Marketing”** in “AaYaam- An Academia-Industria Symbiose” a campaign for enriching requisite research aptitude and employability skills among PG students at Naran Lala College of Professional & Applied Sciences, Navsari on 19<sup>th</sup> September, **2019**.
- Delivered an invited expert lecture as Resource Person on **“3 Wings of Success in Molecular Biology Research”** at Intensive Crash Course for Cracking IIT-JAM, JNU-CEEB entrance exams sponsored by Network of Biotechnology Capacity Building Cell (N-BTCBC) of Gujarat State Biotechnology Mission (GSBTM) at C. G. Bhakta Institute of Biotechnology, UKA Tarsadia University, Bardoli on 20<sup>th</sup> February, **2020**.
- Delivered online lecture as resource person on **“For the development of new molecule insight explore research in Biological Sciences: Fundamental Concepts to do Effective Research”** in One Week “Advanced Level Bridge Course in Biotechnology” organised by Department of Biotechnology, Mehsana Urban Institute of Sciences, Faculty of Science, Ganpat University, Mehsana on 1<sup>st</sup> September, **2020**.
- Delivered invited expert lecture as Resource Person on **“Biology to Biological Engineering: A Paradigm Shift”** at Online Faculty Development Programme in Life Sciences (14/12/2020 to 24/12/2020) organised by Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat, Ahmedabad, on 16<sup>th</sup> December, **2020**.
- Delivered invited expert lecture as Resource Person on **“Environment Pollution and Climate Change”** at Online Faculty Development Programme in Life Sciences (14/12/2020 to 24/12/2020) organised by Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat, Ahmedabad, on 24<sup>th</sup> December, **2020**.

#### AS JUDGE/CHAIRPERSON/CO-CHAIRPERSON:

- Served as one of the Judges in the 18<sup>th</sup> state level seminar, held under the aegis of Gujarat Integrated Bio-network (GIBioN) on 17<sup>th</sup> December, **2006** at Naran Lala Colleges, Navsari.
- Served as one of the Judges in the 20<sup>th</sup> state level competition, held under the aegis of Gujarat Integrated Bio-network (GIBioN) on 18<sup>th</sup> January, **2009** at Pramukh Swami Science & H. D. Patel Arts College, Kadi.
- Served as one of the Judges for the subject of Biotechnology in the 4<sup>th</sup> state level competition: **Vignan Parishad- Science Excellence-2011**, organized by Department of Botany, Gujarat University on 8<sup>th</sup> January, **2011**.
- Participated as Judge in National Symposium on “**Entrepreneurship in Microbial Technology & Computer Science/ 2<sup>nd</sup> National Level Poster Competition on Applied Sciences & Technology**” jointly organised by Shree Ramkrishna Institute of Computer Education & Applied Sciences (SRKI) and Southern Gujarat Chamber of Commerce & Industry (SGCCI) held on 9<sup>th</sup> & 10<sup>th</sup> February, **2013**.
- Invited and Participated as Chair Person in the 3<sup>rd</sup> National Conference on ‘**Contemporary Developments at Biotech-Bioinformatics Interface**’ held at Hemchandracharya North Gujarat University, Patan on 3<sup>rd</sup> March, **2013**.
- Invited and served as one of the Judges for poster evaluation in One day Seminar on “**Environmental Protection for Sustainable Development**” at Bhagwan Mahavir College of M. Sc. Biotechnology, Surat on 4<sup>th</sup> March, **2015**.
- Invited and served as one of the Judges for poster evaluation in Two days 2<sup>nd</sup> National Conference on “**Biological Tools for Sustainable Environment: BTSE-2016**” at Department of Biosciences, Veer Narmad South Gujarat University, Surat on 19-20 February, **2016**.
- Invited and served as one of the Judges for Working Model Evaluation in “**Scientia 2K17**” at G. D. Goenka International School, Surat on 24<sup>th</sup> August, **2017**.
- Served as Judge for research poster evaluation in GSBTM sponsored International Symposium on “**Emerging Biological Trends In 21<sup>st</sup> Century**” at School of Sciences, P. P. Savani University, Kosamba on 05<sup>th</sup> November, **2017**.
- Invited and served as one of the Judges for The Science Exhibition in “**Techfiesta-3**” at G. D. Goenka International School, Surat on 2<sup>nd</sup> November, **2018**.
- Invited and served as Co-chairperson and Judge for poster evaluation in Life Science category at National Conference on “**Recent Trends in Pure & Applied Sciences**” at Bhagwan Mahavir College of Science and Technology, Surat on 24<sup>th</sup> February, **2019**.
- Invited and served as one of the Judges in 4<sup>th</sup> National Conference on “**Biological Tools for Sustainable Environment: BTSE-IV**” at Department of Biosciences, Veer Narmad South Gujarat University, Surat on 2<sup>nd</sup> March, **2019**.

### **ORGANIZING SECRETERY/MEMBER:**

- Organized Gujarat State Biotechnology Mission (GSBTM) Sponsored Seminar on “**Triumphant Biotechnologist**” on 7<sup>th</sup> September, **2009**, held at Department of Computer Sciences, Veer Narmad South Gujarat University, Surat.
- Organizing member (Transport and Accommodation Committee) at National Symposium on “**Medicinal Plants**” at Department of Biosciences, Veer Narmad South Gujarat University, Surat.
- Organized Gujarat State Biotechnology Mission (GSBTM) sponsored State Level Competition on “**Current Trends In Biotechnology and Business Idea**” at Department of Biotechnology, Veer Narmad South Gujarat University, Surat, in association with Southern Gujarat Chamber of Commerce and Industry (SGCCI), Surat on 24<sup>th</sup> April, **2011**.

### **EXAMINATIONS:**

- Biotechnology Aptitude Test-2009 as Exam Coordinator.
- Appointed as Co-coordinator for P. G. Medical Entrance Test-2011 held on 23<sup>rd</sup> January, 2011 at Veer Narmad South Gujarat University, Surat.
- Conducted 10 times Minaxi Lalit Science Award Test as Co-ordinator/Exam In-charge, organized by Gujarat Science Academy, Ahmedabad.
- Appointed as Co-coordinator for Ph. D.-M. Phil. Entrance Examination conducted by Veer Narmad South Gujarat University, Surat held on 08<sup>th</sup> June, 2019.

### **RESEARCH GUIDE:**

- Ph. D./M. Phil. Recognised Research Guide in Biosciences (Microbiology) at VNSGU, Surat

Post Graduate Dissertation (M. Sc.)		Master of Philosophy (M. Phil.)		Doctor of Philosophy (Ph. D.)	
Awarded	Registered	Awarded	Registered	Awarded	Registered
26	--	01	--	05	04

**Dr. Gaurav Shah**  
[M. Sc., Ph. D.]  
Department of Biotechnology,  
Veer Narmad South Gujarat University, Surat-395007. Gujarat. INDIA.  
Email: [gauravshah@vnsgu.ac.in](mailto:gauravshah@vnsgu.ac.in)