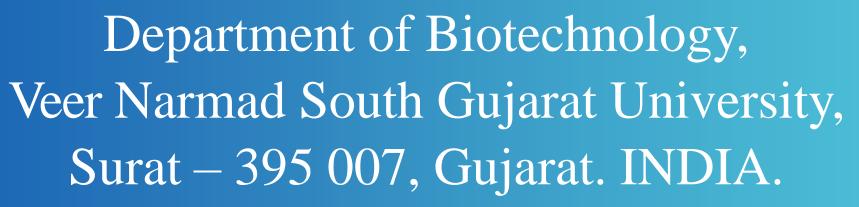


# TRAINING & PLACEMENT BROCHURE











## FROM THE DESK OF HONORABLE VICE CHANCELLOR



DR. K. N. CHAVDA

Education is the foundation for personal growth and societal progress. It equips individuals with the skills needed to navigate an ever-evolving world while driving a nation's economic stability. Higher education, especially, plays a crucial role in creating skilled professionals who lead innovation. At Veer Narmad South Gujarat University, we are committed to providing quality education aligned with the National Education Policy (NEP) 2020, ensuring our students are prepared for a globalized future. The Department of Biotechnology fosters research, innovation, and critical thinking, empowering students to become leaders in fields such as genetics, microbiology, bioinformatics, and environmental sciences.

The dedicated faculty and staff at the Department of Biotechnology work tirelessly to nurture young minds, fostering research, innovation, and critical thinking to meet the complex demands of modern science. As the world faces global challenges like pandemics and environmental issues, our department remains focused on producing solutions that benefit both humanity and the ecosystem. I am confident that our students will continue to excel, contributing to scientific advancements that improve lives and reinforce India's leadership in research and technology. I extend my best wishes to the students and faculty of the Department of Biotechnology in their pursuit of academic and research excellence.

## FROM THE DESK OF RESPECTED REGISTRAR



DR. R. C. GADHVI

University education encompasses teaching, research, and social service activities at both the graduate and postgraduate levels. Veer Narmad South Gujarat University's campus offers a variety of resources to students, allowing them to pursue extracurricular activities outside of their normal course studies.

Our university has taken significant steps to effect qualitative and quantitative reforms in the sphere of higher education. The university boasts great infrastructure facilities, including hostels, a sports complex, a central library with internet access, a convention centre, an Amphitheatre and laboratories. The university placement cell assists students in finding careers in their fields of study. My blessings are always with all of the students that strive so hard to build a bright future.

#### FROM THE DESK OF FORMER PROF. & HEAD OF BIOSCIENCE DEPARTMENT



PROF. DR. MINOO PARABIA

The word "technology" traditionally brings to mind machines, electricity, transportation, computers, and more. However, biotechnology—arguably one of the oldest technologies—has long been practiced in agriculture, cooking, and herbal medicine. In 2006, Veer Narmad South Gujarat University ushered in a new era by establishing the Department of Biotechnology, which inspired other institutions in South Gujarat to follow suit. This biologically rich region, with its open coastline, fertile plains, orchards, forests, and perennial rivers, provided the perfect setting for such an initiative. The department started as a five-year integrated course, addressing the dual needs of advancing research and combating industrial pollution through bioproducts.

From humble beginnings, the department has grown steadily, supported by an enthusiastic team of teachers, administrators, and staff working in harmony. It has achieved remarkable milestones, producing NET/SET scholars, entrepreneurs, and graduates excelling in industries and business. I invite the citizens of Surat to support this exceptional department and wish it continued success in the future.

### FROM THE DESK OF HEAD OF THE DEPARTMENT



DR. GAURAV SHAH

As Veer Narmad South Gujarat University celebrates its 60th year, it is a proud moment to reflect on the journey of the Biotechnology Program, initiated on campus in 2006. We are deeply committed to our students' holistic development, fostering responsibility for sustainable living and nurturing entrepreneurial skills to contribute to national growth and job creation. In today's rapidly advancing world, globalization, urbanization, and industrialization have led to overexploitation of natural resources, causing environmental degradation, unsafe water, poor living conditions, and epidemics like COVID-19. Diminishing food security is another growing concern amid rapid population growth. Biotechnology offers transformative solutions to these global challenges, positioning our country as a leader in genomics, bioinformatics, agriculture, biodiversity conservation, biofuels, and bioinstrumentation. With its promising future, biotechnology stands as a beacon of hope for society.

Our department recognizes the need for skilled, innovative young minds. We aim to shape future leaders, scientists, and socially conscious citizens equipped to navigate a challenging and opportunity-filled world. Our programs instil confidence, a desire for excellence, and provide global exposure, empowering students to exceed expectations in a rapidly evolving world.

## ABOUT THE DEPARTMENT OF BIOTECHNOLOGY



M. Sc. Biotechnology Course was started in 2006 with an aim to cater to the need of higher education in the emerging field of Biotechnology. We strive to achieve excellence and relevance in this always growing area of application related to biological sciences. Department was established in 2015. The department follows the coeducation pattern and vigorously engages in teaching, research and co-curricular activities to boost up and build the career of the students. The\_department has a young as well as experienced, energetic and highly qualified faculty working as a team to give the best quality education to the students. The department has many laboratories which are well equipped with all necessary instruments. We have an excellent library with rich collection of textbooks, e-books, reference books, journals, bulletins, and CDs. Computer and internet facility is also available for the students.

All the students have an equal right to use these facilities available at the department. Apart from the primary thrust area of academics, the department is vigorously involved in research and teachers have completed various research projects and contributed several research publications to the scientific community. Our students have proved their academic potential with excellent results in the examination and good employment rate. Moreover, the immigration of many students to overseas for higher education and employment, as well as many foreign students currently studying in the department, indicates our global acceptance.

## **ACADEMIC PROGRAMS**

#### **Programs**

#### Eligibility / Admission

M. Sc. (Biotechnology)
(5 Yrs. Integrated)
(Honors 4 Yrs.)

Higher Secondary or Equivalent Exam under Science stream Merit Based.

B. Sc. (Microbiology) – 3 Yrs. (Honors 4 Yrs.)

Graduation in Biotechnology/Biochemistry/Microbiology Program Merit Based.

Higher Secondary or Equivalent Exam under Science stream Merit Based.

Doctor of Philosophy (Ph. D.)

The admission notification for Ph. D. is advertised every year in the University website.

For further details visit <a href="www.vnsgu.ac.in">www.vnsgu.ac.in</a>

## **OUR CORE PRINCIPLES**



**VALUES** 

Academic Excellence, Sustainability, Inclusivity, Community Engagement, Empowerment, Innovation, and Scientific advancement.



**MISSION** 

Empowering the mankind with the means of biotechnology to prosper itself.



**VISION** 

Creating the means to achieve the newer heights in the field of biological sciences for the welfare of the society.



**OBJECTIVES** 

To impart scientific and technological knowledge with a modern approach, empowering young learners to recognize how the synergy of science and technology can enhance personal growth and lead to success and achievement.

## PROUD PLACEMENTS













## ACTIVITIES AT THE DEPARTMENT

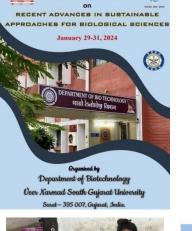














FIFTEEN DAYS INTENSIVE CRASH COURSE





MICROBIOLOGISTS SOCIETY, INDIA

















































## LECTURE HALL AND FACILITIES

| Hall                          | Type of ICT facility                | Sr. No.  | Name   | Total No. |
|-------------------------------|-------------------------------------|----------|--|-----------|
| Lecture Hall 1 (capacity 75)  | Projector, Wi-Fi/LAN                | 1        | Dedicated Instrument Room                      | 2         |
| Lecture Hall 2 (capacity 75)  | Projector, Wi-Fi/LAN                | 2        | Plant Cell Culture Laboratory                  | 1         |
| Lecture Hall 3 (capacity 75)  | Projector, Wi-Fi/LAN                | <b>∠</b> | Train Cen Culture Laboratory                   | 1         |
| Lecture Hall 4 (capacity 75)  | Projector, Wi-Fi/LAN                | 3        | Animal Cell Culture Laboratory                 | 1         |
| Lecture Hall 5 (capacity 100) | Smart LG Create Board,<br>Wi-Fi/LAN | 4        | Research Laboratory                            | 3         |
| Auditorium (capacity 250)     | Projector, Wi-<br>Fi/LAN            | 5        | UG/PG Laboratory<br>(Having Basic Instruments) | 4         |











## AVAILABLE FACILITIES FOR REASEARCH AND DEVELOPMENT

#### **Instruments**

Thermocycler

Cooling Centrifuge

ELISA Micro Plate Reader

Inverted Microscope

Laminar Air Flow

U.V.-Vis Spectrophotometer

CO<sub>2</sub> Incubator

Bacteriological Incubator

Gel Documentation System

Digital pH Meter

Orbital Shaker plus Incubator

Digital Spectrophotometer

Binocular Microscope

Autoclave

Centrifuge CPR-30 Plus

Weigh Balance

Cooling Centrifuge 5430R

Water Bath with Shaker

Quick Freezer (-20°C)









## TEACHING FRATERNITY

|     | Names             | Qualification/Specialization/ Designation   | Area of Interest  |
|-----|-------------------|---|---|
|     | Dr. Gaurav Shah   | M.Sc., Ph.D. Microbiology<br>Associate Professor & Head   | Microbial Enzymes & Pigments; Bioprocess Technology; Fermentation; Nanotechnology & Mushroom Biotechnology.                 |
|     | Dr. Rekha Gadhvi  | M. Sc., Ph. D. (Biosciences) Assistant Professor  | Biochemistry, Enzyme technology; Application of Plant extracts & Instrumentation Techniques.                                |
|     | Dr. Mayuri Rathod | M. Sc., M. Phil, Ph. D. (Plant Science), Ph. D. (Education) Assistant Professor                     | Plant Biotechnology, Cell Biology, Seed technology, Extraction and Application of plant extracts, & Environmental Sciences. |
| 100 | Dr. Preeti Sharma | M. Sc., Ph. D., Post Doctoral Fellow<br>Harvard Medical School, Boston, USA.<br>Assistant Professor | Immunology, Cell and tissue culture, Molecular Biology.   |
| 4   | Dr. Anjali Soni   | M. Sc., Ph. D., Post Doctoral Fellow (DBT) Assistant Professor                                      | Plant Molecular Biology, Genetics & Bioprocess Technology.  12  |

## TEACHING FRATERNITY

| Names               | Qualification/Specialization/ Designation                                      | Area of Interest   |
|---------------------|--|--|
| Dr. Mansi Mehta     | M. Sc., Ph. D. (Biotechnology), ICAR NET, GSL<br>Assistant Professor (Adhoc)   | Cell Biology, Molecular Biology, Microbial Pigments, Microbial Growth and Control, Antibacterial Activities, Bioprocess Technology, Dairy and Food Technology.                               |
| Mrs. Tanvi Tamakuw  | M. Sc., M. Phil., Ph. D. (Pursuing) Teaching Assistant (Adhoc)                 | Microbiology, Hematology, Food and Dairy Technology and Virology, Clinical Microbiology, Bio-Safety.   |
| Dr. Ambika Arkatka  | M. Sc., Ph. D. (Biotechnology) Assistant Professor (Adhoc)                     | Bio-electro-chemistry, Biodegradation of Polymers,<br>Environmental Biotechnology (Treatment of Wastewater),<br>Research Methodology and Biostatistics,<br>Nanobiotechnology and Toxicology. |
| Dr. Chirag Prajapat | i M. Sc., Ph. D. (Biosciences- Bioinformatics),<br>Assistant Professor (Adhoc) | Bioinformatics, Drug Discovery, Protein Modeling.  |
| Dr. Mihir Sarang    | M. Sc., Ph. D. (Microbiology), UGC-CSIR NET Assistant Professor (Adhoc)        | Γ Immunology, Molecular Biology and Biopysics.   |
| Dr. Gayatri Solank  | M. Sc., Ph. D. (Biotechnology) Assistant Professor (Adhoc)                     | Genetics, Actinomycytes and Microscopy. 13   |

## TEACHING FRATERNITY

| Names              | Qualification/Specialization/ Designation  | Area of Interest   |  |
|--------------------|--|--|--|
| Mr. Milan Patel    | M. Sc. (Biotechnology), UGC-CSIR NET Ph. D. (Pursuing) Assistant Professor (Adhoc) | Fishery, Hematology, Instrumentation Techniques.   |  |
| Mr. Saddam Musani  | M. Sc. (Biotechnology), GSET, GATE, Ph. D. (Pursuing) Assistant Professor (Adhoc)  | Molecular Biology, Instrumentation and Analytical Techniques.                                  |  |
| Ms. Dhwani Thakrar | M.A. (English Literature), GSET Ph. D. (Pursuing) Assistant Professor (Adhoc)      | Communication, Soft Skills And English Literature.   |  |
| Ms. Upexa Patel    | M. Sc. (Biotechnology) Teaching Assistant (Adhoc)                                  | Bioprocess Technology, Recombinant DNA Technology, Cell Biology And Environment Biotechnology. |  |
| Ms. Mehal Patel    | M. Sc. (Medical Biotechnology) Teaching Assistant (Adhoc)                          | Molecular Biology, Cell Biology, Genetics, Immunology And Medical Biotechnology.               |  |

## WHY RECRUIT US?

- NEP 2020-aligned Interdisciplinary Curriculum.
- 12 Training in Soft and Technical Skills.
- 13 Placement Cell Focused on Improving Employability.
- Ourriculum Designed to Keep Students Updated with the Latest Research Trends.
- Hands-On, Experiment-Based Learning.
- 106 Industry-Driven and Research-Focused Training.



#### **Patel Jenish Motilal**

**Area of Interest**: Molecular Biology, Immunology, Food Biotechnology and Embryology.

- jenishpatel6064@gmail.com
- +91 9586689313



#### Icecreamwala Princy Vijaykumar

**Area of Interest**: Pharmaceuticals (QA & QC), Industrial and Plant Biotechnology (R & D).

- princyicecreamwala128@gmail.com
- +91 8866961614



#### Parikh Deep Dharmesh

Area of Interest: Molecular Biology, Cell Biology and Genetics.

- deepparikh79@gmail.com
- +91 9512875144



#### Master Ishika Rakeshbhai

**Area of Interest**: Industry and Laboratory (Pathology, Microbiology and Bacteriology, Food Biotechnology and Dairy Biotechnology.



+91 75677 22897



#### Patel Prachi Sunilbhai

**Area of Interest**: Microbiology, Pharmaceuticals, Biotechnology and Laboratory.

- pp66114400@gmail.com
- +91 9925223029



#### Patil Divya Ashokbhai

Area of Interest: QC, Pathology Lab and Water Testing Laboratories.

- patildivya55.dp@gmail.com
- +91 9727244555



#### Prajapati Harsh Rajeshkumar

Area of Interest: Pathology Laboratory and Laboratory Technician.

- <u>harshprajapati0506@gmail.com</u>
- +91 9429439690



Talati Prachi Rakeshumar

Area of Interest: Industrial and Medical Biotech.

- prachitalati954@gmal.com
- +91 9099078870



#### Patel Kripaben Rakeshbhai

**Area of Interest**: Industry and Laboratory.

- patelkripa2211@gmail.com
- +91 9737362211



#### Pradhan Deepti Surendrabhai

Area of Interest: Molecular Biology.



missdips07@gmail.com



+91 6352830706



#### Pandya Shreya Alpeshkumar

**Area of Interest**: Cancer, Molecular Biotechnology, Bioinformatics and Genetics.



Shreya.pandya77@gmail.com



+91 7016701172



#### Lakdawala Aayushi Yatinkumar

**Area of Interest**: Molecular Biology, Food Biotechnology (QA & QC), Plant tissue culture, Pharmaceuticals (QA & QC).



aayushilakdawala8@gmail.com





#### Chauhan Bhavik Rajnikant

**Area of Interest**: Food Technology, Pharmaceutical Industry, Forensic Biotechnology, Bioinformatics and Embryology.

- bhavucr@gmail.com
- +91 7802896367



#### **Patil Komal Gokul**

**Area of Interest**: Pharmaceutics and Science, Enzyme technology, Food and Dairy.

- Komalpatilg26@gmail.com
- +91 8320906299



#### Sharma Vishakha Gajanand

Area of Interest: Cell Biology and Molecular Oncology.

- sharmavishakha211@gmail.com
- +91 6351597349



#### **Patel Prutha Pareshkumar**

**Area of Interest**: Bioinformatics, Computational Biology & Industrial Work & Biotechnology Laboratory



pruthapatel03@gmail.com



+91 7016841877



#### **Dalal Dinky Keyurkumar**

Area of Interest: Molecular Biology, Oncology and Immunobiotechnology.



dinkydalal6@gmail.com



+91 9316754127



#### Patel Reha Vishnubhai

Area of Interest: Molecular Biology.



rehapatel5811@gmail.com





#### Patel Nidhi Satishbhai

Area of Interest: Cosmetics Biotechnology.

<u>nidhipatel1852003@gmail.com</u>

+91 6353319009



#### Salve Harshda Ashok

Area of Interest: Biopharmaceutical and Cosmetics Biotechnology.

harshdasalve26@gmail.com

+91 9638755235



#### Patel Rutu Rajeshkumar

Area of Interest: Molecular Biology and Plant Biotechnology.

rutupatel0411@gmail.com



#### **Dhumal Sakshi Kiran**

Area of Interest: Industry and Pharmaceutical.



Sakshidhumal0642@gmail.com





Patel Tisha Rajubhai

**Area of Interest**: Food Industry and Molecular Biology.

- pateltisha572003@gmail.com
- +91 9428384682



#### Desai Rajvi Mayank

Area of Interest: Bioinformatics, Molecular Biology, Industrial Biotechnology and Environmental Biotechnology.

- rajvidesai5222@gmail.com
- +91 7069167555



#### Chaudhari Shagufta Obaidur Rahman

Area of Interest: Toxicology.



+91 9067129283



#### Koradiya Chintankumar Anilbhai

Area of Interest: Pharmaceuticals, Microbiology and Industrial Work.

chintankoradiya79@gmail.com

+91 9898225058



#### Agarwal Ayushi Manish Kumar

**Area of Interest**: Molecular Biology, Analytical Testings, Pathological Testings, Plant & Animal Tissue Culture and Laboratory Work.

<u>agrawal.ayushi0105@gmail.com</u>



#### Jalondhara Chintan Bhagvanbhai

Area of Interest: Molecular Biology and Pathology.

- chintanjalondhara1711@gmail.com
- +91 9016029687



#### **Bhandari Drashti Ashwinbhai**

**Area of Interest**: Microbiology, Food Technology, Immunology, Cell Biology, and Dairy Technology.

- drashtibhandari01@gmail.com
- +91 7802805265



#### Patel Isakumari Jayantibhai

**Area of Interest**: Microbiology, Immunology, Food Technology, Dairy Technology, And Cell Biology.

- patelisha2808@gmail.com
- +91 9824950470



#### Panchal Havisha Sanjay Kumar

Area of Interest: Molecular Biology and Immunology.

- phavisha02@gmail.com
- +91 7096417958



#### Pandit Sangna Rajeshbhai

Area of Interest: Bioinformatics, Environment and Industrial Biotechnology.

- panditsangna2252@gmail.com
- +91 9624383953



#### Kushwaha Susmitakumari Hridyanand

**Area of Interest**: Molecular Biology, Industrial Biotechnology and Synthetic Biology.

- sushmitakushwaha12@gmail.com
- +91 8128558676



#### Mangukiya Renisha Vijaybhai

Area of Interest: Industry, Laboratory and Biology.

renishamangukiya@gmail.com

+91 97370 10903



#### Vasani Dhruvi Nileshbhai

**Area of Interest**: Pharmaceutical Industry and Food Industry.

- dhruvivasani714@gmail.com

+91 9723915398



#### Gohil Hetvi Vinodbhai

**Area of Interest**: Pharmaceutical Industry, Pathology Laboratory, Food and Dairy Industry.

hetvigohil07@gamil.com



#### **Bansal Priya Vinod**

Area of Interest: Molecular Biology, Cancer Research and Genetics.



priyabansal19062003@gmail.com



+91 7859891385



#### Narang Jay Jugalkishor

**Area of Interest**: Molecular Techniques, Computational Biology and Plant Research.



narangjay4@gmail.com



+91 7622071266



#### Bheda Astha Yagnesh

**Area of Interest**: Pharmaceuticals, Quality Control, Quality Assurance, Environmental, Toxicology, Clinical Trails, and Research.



asthabheda@gmail.com





#### Vyas Nidhi Hetalkumar

**Area of Interest**: Oncology, Vaccine development, Molecular Biotechnology, Pharmaceutical Industries and Food Industries.

- <u>nidhivyas129@gmail.com</u>
- +91 9033240923



#### **Unagar Mansi Vijaybhai**

**Area of Interest**: Oncology And Vaccine Development, Molecular Biotechnology and Pharmaceutical Industries

- mansiunagar14@gmail.com
- +91 9427635637



#### **Lokare Isha Prashant**

Area of Interest: Cancer Research and Genetics.

- <u>ishalokare03@gmail.com</u>
- +91 7984597599



#### Kanani Nirma Sureshbhai

**Area of Interest**: Biotechnology, Food Industry, Clinical Hematology and Bioinformatics.

- nirmakanani@gmail.com

+91 9913360612



#### Gaykawad Sonali Rajendra

**Area of Interest**: Pharmaceuticals, Environmental, Quality Control and Clinical Testing.

- sonaligaykawad2002@gmail.com

+91 9429932146



#### Chauhan Femisha Dineshbhai

Area of Interest: Bioinformatics, Computational Biology & Research Methodology & Cosmetic Biotechnology, Industrial Work & Biotechnology Laboratory

- femishachauhan@gmail.com
- +91 06354065986



#### **Marathe Shivkumar Ramlal**

Area of Interest: Pharmaceutical Industry, Food and Dairy Industry.



shivmarathe30@gmail.com



## CONTACT US



Dr. Preeti Sharma

Assistant Professor and Placement Coordinator,

Department of Biotechnology,

Veer Narmad South Gujarat University, Surat – 395007, Gujarat. INDIA



preetisharma@vnsgu.ac.in



9712532272



Ms. Dhwani Thakrar

Assistant Professor, (Adhoc)

Department of Biotechnology,

Veer Narmad South Gujarat University, Surat –395007, Gujarat. INDIA

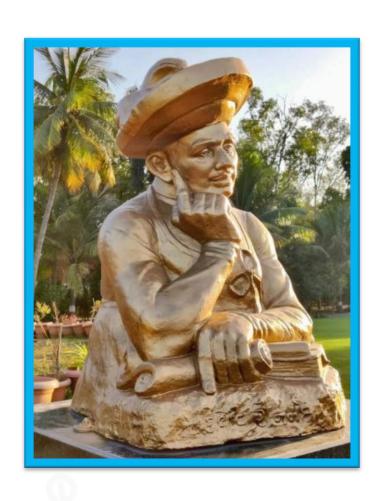


dsthakrar@vnsgu.ac.in



7801944212

## CONTACT US



#### **Address**

Department of Biotechnology, Veer Narmad South Gujarat University, Udhana-Magdalla Road, Vesu, Surat - 395 007. GUJARAT. INDIA.

E-Mail office.dbt@vnsgu.ac.in hod.dbt@vnsgu.ac.in



0261-2203088, 2203148







