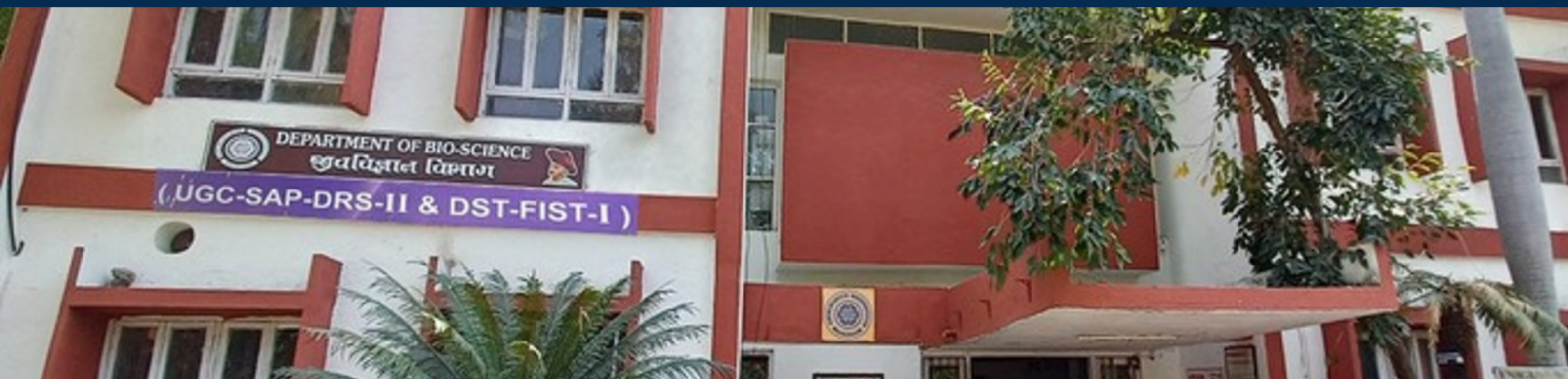




VEER NARMAD SOUTH GUJARAT UNIVERSITY



MICROBIOLOGY



BOTANY



ZOOLOGY



DEPARTMENT OF BIOSCIENCES



**MEDICAL
LABORATORY
TECHNOLOGY**



TOXICOLOGY



**HERBAL
TECHNOLOGY**



CYTOGENETICS



Department of Biosciences,
Veer Narmad South Gujarat University
Udhana-Magdalla Road,
Surat-395007, India

CONTACT US

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biosciencevnsgu@gmail.com

**ADMISSIONS
OPEN NOW**

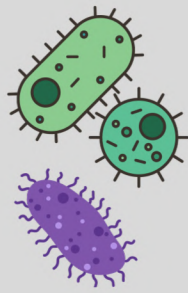
Programs Offered

Post Graduate Programs

Doctoral Programs

- **Duration:** 2 Years (4 Semesters)
- **Eligibility:** B.Sc. in Microbiology / Life Sciences
- **Key Topics:** Microbial physiology, immunology, fermentation, molecular biology
- **Practical Training:** Microbial culturing, staining, diagnostics, PCR, fermentation setup

MICROBIOLOGY



Research focus areas:

- Microbial enzymes, Bioremediation, Probiotics environmental and Agricultural microbiology,
- Microbial diversity Collaborative research with industry and other academic institutions
- Publications in high-impact journals

- **Duration:** 2 Years (4 Semesters)
- **Eligibility:** B.Sc. in Zoology / Life Sciences
- **Key Topics:** Animal physiology, ecology, evolution, entomology
- **Practical Training:** Dissections, biodiversity assessment, taxonomy, field studies

ZOOLOGY



Research focus areas:

- Wildlife, Ecology, Entomology, Marine biology, Animal behavior, Conservation biology, Environmental toxicology
- Opportunities for collaborative research with wildlife
- Organizations' Access to specialized animal research laboratories

- **Duration:** 2 Years (4 Semesters)
- **Eligibility:** B.Sc. in Botany / Plant Sciences/Biotechnology
- **Key Topics:** Plant anatomy, Physiology, Ecology, Phytochemistry
- **Practical Training:** Microscopy, Phytochemical analysis, Tissue culture

BOTANY



Research focus areas:

- Plant Anatomy, Plant Tissue Culture, Plant ecology, Ethnobotany, Phytochemical analysis, Plant molecular biology, Conservation biology, environmental science and sustainable agriculture
- Research Access to specialized plant research facilities



Programs Offered

Post Graduate Diploma Programs

Medical Laboratory Technology

Duration: 1 Year (2 Semesters)

Eligibility: B.Sc. in Allied Sciences

Focus: Clinical biochemistry, hematology, microbiology, pathology

Practical Training: Blood analysis, urine testing, microbial culturing, staining techniques

Toxicology

Duration: 1 Year (2 Semesters)

Eligibility: B.Sc. in allied Sciences

Focus: Environmental toxicants, industrial toxicology, forensic and regulatory toxicology

Practical Training: Toxicity assays, dose-response studies, case studies

Cytogenetics

Duration: 1 Year (2 Semesters)

Eligibility: B.Sc. in allied Sciences

Focus: Chromosome structure, karyotyping, genetic disorders, cancer cytogenetics

Practical Training: Chromosome preparation, staining, microscopy, Dissertation and Internship

Herbal Technology and Integrated Wellness

Duration: 1 Year (2 Semesters)

Eligibility: B.Sc. in Botany / Life Sciences / Ayurveda / Pharmacy / related fields

Focus: Medicinal plants, herbal formulations, Ayurveda principles, wellness techniques
Practical Training: Herbal drug preparation, phytochemical screening, yoga, nutrition,, Dissertation and Internship.

Faculty Profile



Dr. Kailash Patel
Professor & Head

Botany



Dr. Rajesh Patel
Professor

Microbiology



Dr. Jigna Desai
Associate Professor

Zoology



Dr. Farzin Parabia
Associate Professor

Botany



Dr. Jagruti Barot
Assistant Professor

Zoology



Dr. Pravin Dudhagara
Assistant Professor

Microbiology



Dr. Dhara Gamit
Assistant Professor

Microbiology



Dr. Rajeshree Patel
TAP
Botany



Dr. Brijal Mistry
TAP
Zoology



Dr. Deenali Patel
TAP
PGDMLT
Microbiology



Dr. Vishal Makwana
TAP
Zoology



Dr. Amrit Bharti
TAP
Botany



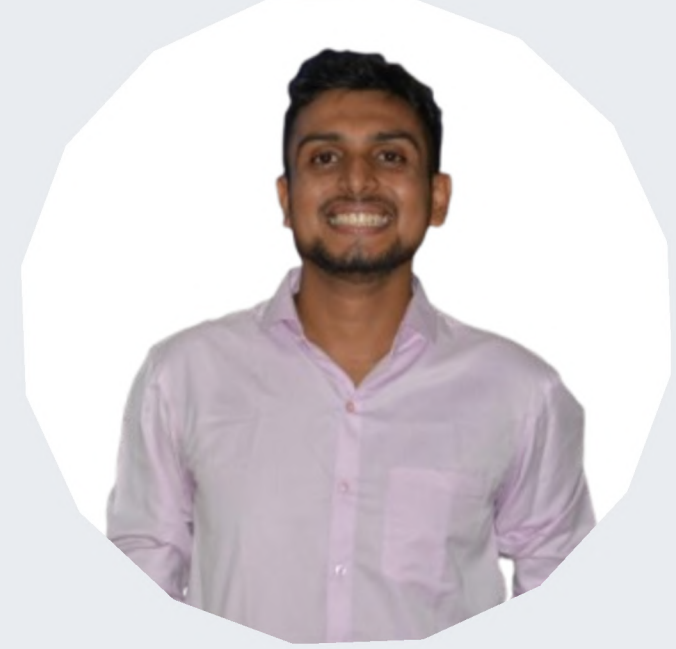
Dr. Rucha Raval
TAP
Microbiology



Ms. Kruti Patel
TAP
Botany



Ms. Dina Mistry
TAP
PGDMLT
Microbiology



Mr. Rajdip Pavagadhi
TAP
Microbiology



Ms. Krishna Gadhvi
TAP
Botany



Mr. Arpit Chaudhari
TAP
Zoology



Ms. Vedanshi Rai
TAP
Microbiology



Departmental Facilities

- **Next-Generation Sequencing**
- **Gas Chromatography-Mass Spectrometry**
- **Reverse Transcription Polymerase Chain Reaction**
- **High-Performance Liquid Chromatography**
- **High-Performance Thin-Layer Chromatography**
- **Bio Fragment Analyzer**
- **Axioscope Microscope**
- **LED Microscope**
- **Visible Spectrophotometer**
- **Double Beam UV-Vis Spectrophotometer**
- **UV-Vis Spectrophotometer**
- **Polymerase Chain Reaction**
- **Micro Plate Reader**
- **SDS-PAGE**
- **Haematology Analyzer**
- **Biostat Fermentor**
- **Rotary Evaporator**

Infrastructure Facilities

- **Central Instrument facilities**
- **Laboratory**
- **Seminar Hall**
- **Library**
- **Botanical Garden**
- **Meeting Room**
- **Computer Laboratory**
- **Supercomputer Facility (Param Shavak)**
- **Shree Bapalal Vaidh Research Center**
- **Museum**
- **Greenhouse**
- **Animal Welfare House**

ACTIVITIES

Interactive Seminar & Technical Workshop



Campus Greening Initiative



Blood for Life Campaign



Academic Tour

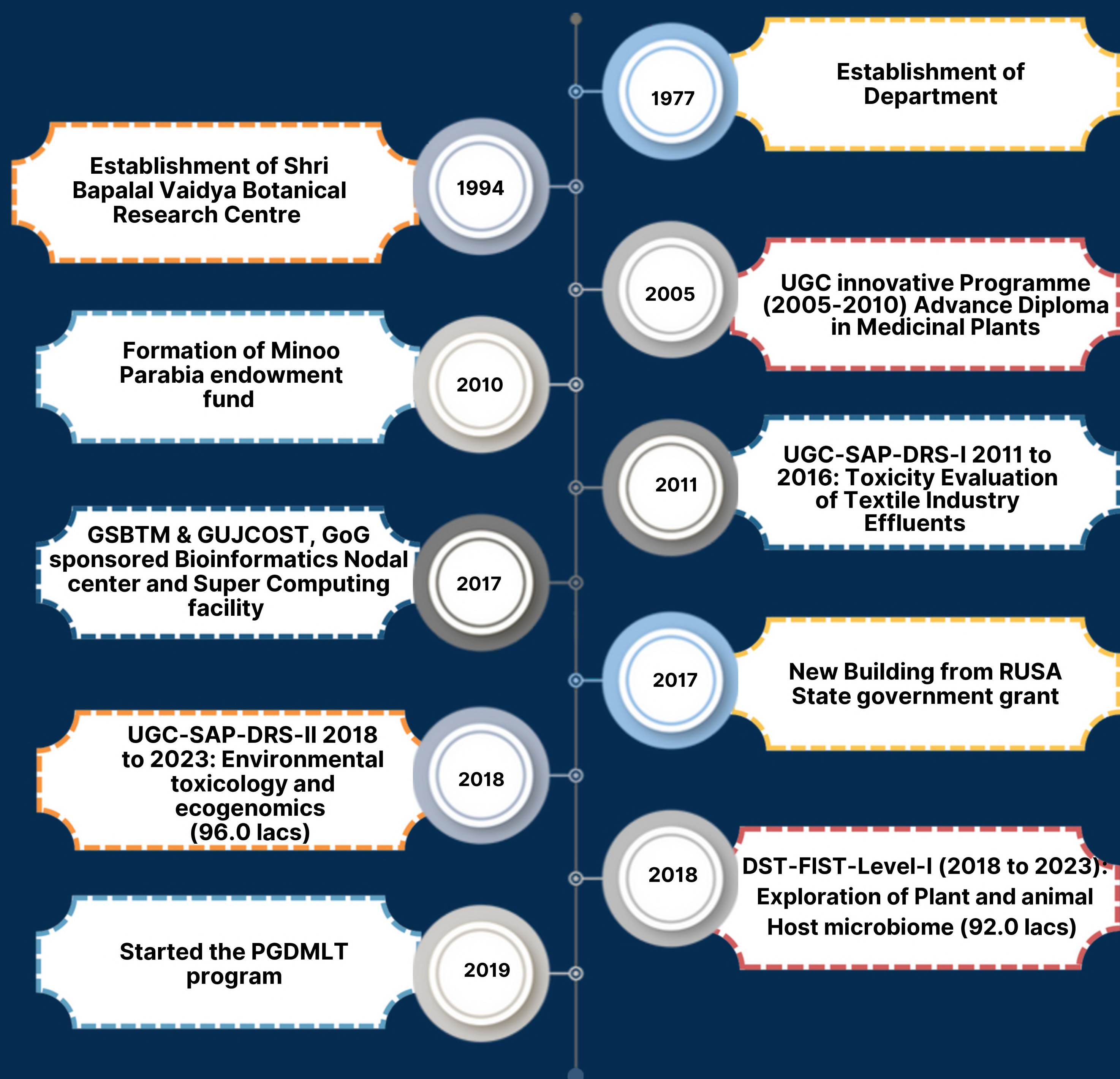




Past and Present Collaboration

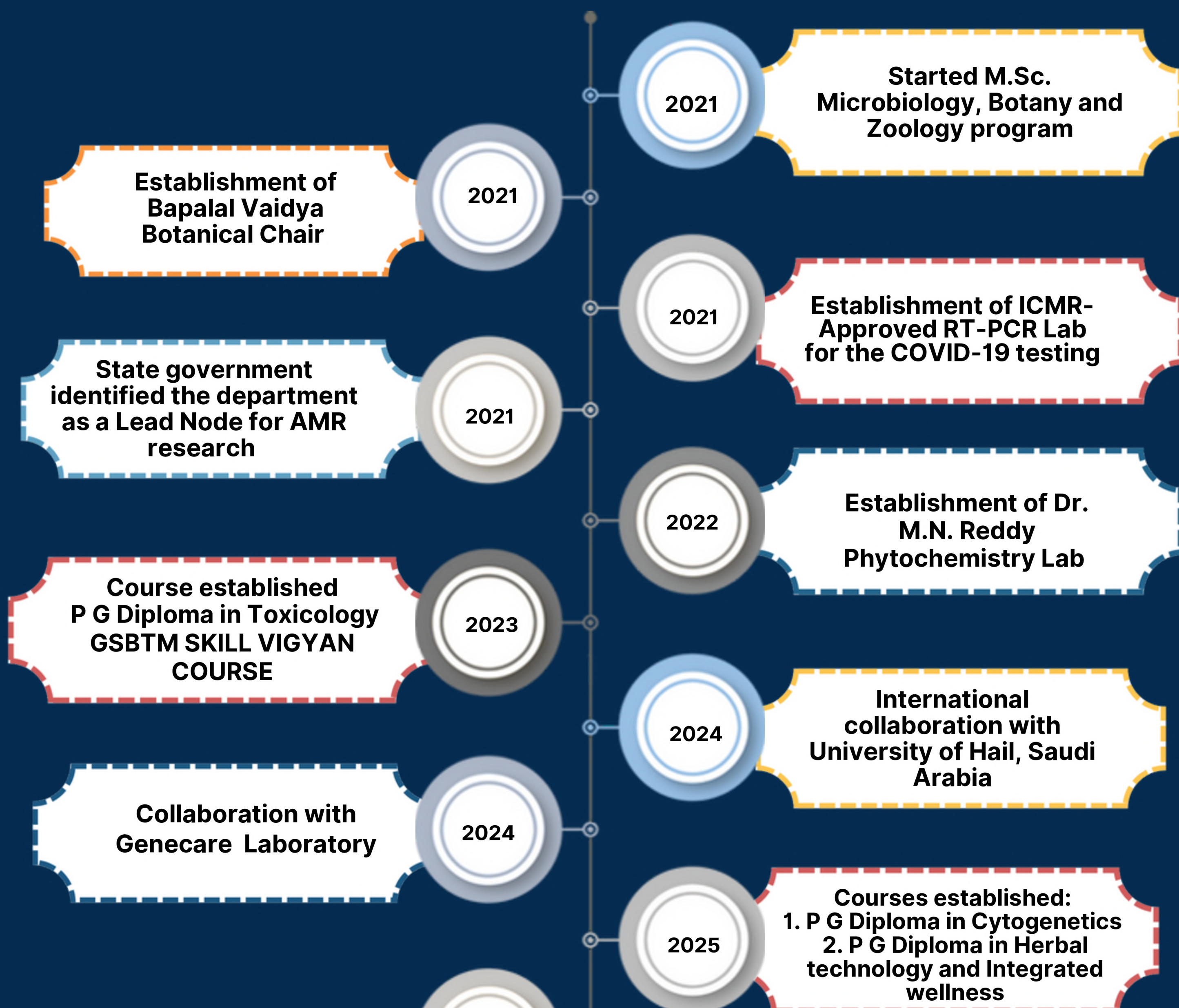
Timeline

What & When



Timeline

What & When



Why Choose US?

- **Distinguished Faculty:** Learn from experienced researchers and passionate educators with notable academic and industry expertise.
- **Cutting-Edge Research:** Get involved in innovative research addressing real-world biological, environmental, and health-related challenges.
- It has Shri Bapalal Vaidya Botanical Research Centre, a part of Biosciences Department which was established in 1994 with donations from the public to conduct research in medicinal plants.
- **State-of-the-Art Infrastructure:**
Access our sophisticated laboratory facilities equipped with :
 1. RT-PCR Lab for advanced genetic and molecular diagnostics
 2. Next-Generation Sequencing (NGS) for high-throughput genomic research
 3. GC-MS for chemical profiling and metabolomic studies
 4. HPLC for precision compound separation and analysis

Career Opportunities

Our graduates thrive in multiple domains including:

- Pharmaceutical industries
- Academia and scientific teaching roles
- Environmental science and sustainability sectors
- Regulatory and public health agencies
- Education, science writing, and communication
- Innovation hubs, entrepreneurship, and healthcare startups



ADMISSION INFORMATION

- **Eligibility:** Bachelor's degree in relevant science discipline.
- **Selection Process:** Merit based admission through GCAS
- **Scholarships:** Available as per Government Schemes and University Norms

CONTACT US



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Surat-395007, India**



**For location,
scan QR**



Website



**Department of Biosciences,
Veer Narmad South Gujarat University**