



**NAVRACHANA  
UNIVERSITY**  
*a UGC recognized University*

**Center for  
PROFESSIONAL  
EDUCATION**

**School of Science**

Where  
**Biology and  
Technology**  
Intersect

**Postgraduate  
Diploma in**

**BIOINFORMATICS**

**Applications in Genomics, Proteomics,  
Transcriptomics, Drug Discovery and more**



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# Postgraduate Diploma in **BIOINFORMATICS**

The PGD Program is 1 year long program designed to develop an expert manpower to help bioinformatics industry, healthcare industry, academia and thereby society. This program will cover protein structure prediction, gene prediction methods, drug designing and discovery. The participants will be able to contribute in health informatics and developing approaches to better public health

## Program Details

Duration : 12 Months

Program Fees : Rs. 35,000

Batch Size : 30

Class Timings : In the evening or  
on weekends

Starting : August, 2021

- **Flexibility in time and delivery mode as per the requirement of the batch**
- **Learning support with NUV – Learning Management System – Accessible from anywhere via internet**





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## Who Should Join?

- Post BSc / MSc / MSc (ongoing) –  
Specialization in Biotechnology / Microbiology /  
Biochemistry / LifeScience / Botany / Zoology / BTech /  
MTech / BPharm / MPharm / MBBS / Health professionals

## Navrachana University

Established through the Gujarat Private Universities Act, 2009 with the intent to offer superior education that befits the high educational standards of the Navrachana Educational Society in Vadodara. Navrachana University comprises five schools offering variety of Under-Graduate and Post-Graduate Programs.

- School of Business and Law
- School of Engineering and Technology
- School of Environmental Design and Architecture
- School of Science
- School of Liberal Studies and Education





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## School of Science

The School of Science focuses on disciplinary and interdisciplinary courses to broaden students' perspectives. The courses are conducted by qualified teachers along with the guest faculty members from the industry, subject experts and independent researchers. The school also collaborates with the industry for R&D on real life projects.

Working in close association with industrial and academic experts, the School offers several unique under-graduate and post-graduate programs in the field of Science, with degrees in BSc, BMS and MSc.

### Program Structure :

Trimester	Course Name
I	<i>Bioinformatics Overview</i>
	<i>Biological Databases</i>
	<i>Analysis of Biological Sequences</i>
	<i>Bioinformatics Lab I</i>
II	<i>Coding for Biologists – Bio Programming</i>
	<i>Biostatistics and Structural Bioinformatics</i>
	<i>Omics in Biology</i>
	<i>Bioinformatics Lab II</i>
III	<i>Bioinformatics in Drug Designing</i>
	<i>Next Generation Sequencing Informatics</i>
	<i>Health Informatics</i>
	<i>Bioinformatics Lab III</i>
IV	<i>Short-term Research Project</i>





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## Pedagogy

- Well-structured classroom sessions, and personal interaction with faculty
- Short class-room activities in various areas
- Laboratory exercises
- Programmed self-learning and group learning
- Research project work

## Faculty

[CLICK HERE](#)

- **Dr. Darshee Baxi**  
*(Associate Professor, School of Science, Navrachana University, Vadodara)*
- **Dr. M. Rajlakshmi**  
*(Head, Department of Biotechnology & Bioinformatics, Holy Cross College - Trichy)*
- **Prof. Mohan Tanniru**  
*(Emeritus Professor of MIS, Oakland University)*
- **Dr. Parth Pandya**  
*(Assistant Professor, School of Science, Navrachana University, Vadodara)*

## Admission

- Any graduates / post graduates from BSc/MSc/ MSc (ongoing) from a recognized university
- Selection will be based on Personal Interview / Statement of Purpose (SoP)

## Fees Payment

- Registration Fees – Rs. 5000
- Balance Fees – Rs. 30,000 (In two installments)





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**TO APPLY**

**CLICK HERE**

**FOR MORE DETAILS CONTACT**

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