

## Vision

*Aspiring for Excellence through World Class Education, Research & Innovation in Contemporary & Prospective Sciences.*

## Mission

*To Facilitate Diverse Spectrum of Science Education Programme through Modern Pedagogical Approaches for Nurturing Quality Research of International Standards.*

## Postgraduate Courses Biotechnology



SARVAJANIK  
UNIVERSITY

INCLUSIVE | INTEGRATED | INNOVATIVE

## Faculty of Science

## Shree Ramkrishna Institute of Computer Education and Applied Sciences

## Admission Inquiry - 2021

Scan following QR Code



Reach Us At

[sarvajanikuniversity.ac.in](http://sarvajanikuniversity.ac.in)

## The Campus

MTB College Campus,  
Athwalines, Surat- 395001,  
Gujarat, India

## Contact Us

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## M.Sc. Biotechnology

### ELIGIBILITY

Bachelor's degree in physical, biological, agricultural, veterinary and fishery sciences, pharmacy, engineering/technology

OR

Bachelor's Degree (Physician assistant course)

OR

Bachelor's in Medicine (MBBS) OR BDS

### DURATION

2 years (4 semesters)

### CURRICULUM

The program focuses on areas such as:

- Agriculture Biotechnology
- Animal & Plant Cell Culture
- Aquaculture Technology
- Biopharmaceuticals
- Embryology & ART
- Molecular Biology Techniques

### SCOPE

- Agro-industries
- Aquaculture & Processing Industries
- Scientist in Animal & Diagnostic Research
- Bio-processing Industries
- Drug and Pharmaceutical Research
- Quality Controller
- Academician



## M. Sc. Genetics

### ELIGIBILITY

Bachelor's degree in physical, biological, agricultural, veterinary and fishery sciences, pharmacy, engineering/technology

OR

Bachelor's Degree (Physician assistant course)

OR

Bachelor's in Medicine (MBBS) OR BDS

### DURATION

2 years (4 semesters)

### CURRICULUM

The program focuses on areas such as:

- Gene Expression and Regulation
- Genetic Disorders and Counselling
- Genomics and Proteomics, RNA Biology
- Molecular Biology Techniques
- Molecular Diagnostics
- rDNA Technology

### SCOPE

- Plant Breeder/ Geneticist
- Genetic Scientist in Agriculture, Animal and Food Industry
- Diagnosis Kit Developer
- Genetic counselor and Diagnosis Technician
- Quality Controller
- Academician



## M. Sc. Medical Biotechnology

### ELIGIBILITY

Bachelor's degree in physical, biological, agricultural, veterinary and fishery sciences, pharmacy, engineering/technology

OR

Bachelor's Degree (Physician assistant course)

OR

Bachelor's in Medicine (MBBS) OR BDS

### DURATION

2 years (4 semesters)

### CURRICULUM

The program focuses on areas such as:

- Animal Cell Culture
- Cancer and Stem Cell Biology
- Clinical, Serological & Molecular Diagnostics
- Embryology & ART
- Genetic Disorders and Counselling
- rDNA Technology

### SCOPE

- Research Scientist
- Cancer Diagnosis and Prognosis
- Stem Cell and Cord Cell Banking
- *In vitro* fertility centres
- Hospital & Clinical Research Laboratories
- Academician

