



SVKM'S MITHIBAI COLLEGE OF ARTS, CHAUHAN INSTITUTE OF SCIENCE &
AMRUTBEN JIVANLAL COLLEGE OF COMMERCE AND ECONOMICS
(AUTONOMOUS)



NAAC Reaccredited 'A' Grade, CGPA: 3.57 (Feb 2016)
Granted under RUSA, FIST-DST & Star College Scheme of DBT, Govt. of India



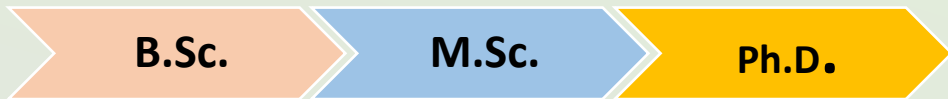
DEPARTMENT OF BIOTECHNOLOGY

MASTERS IN BIOTECHNOLOGY

ABOUT THE DEPARTMENT

Biotechnology Department was established in 2002, the Post graduate course was started in 2007. It is a recognized center for Ph.D. The Department offers a transitive educational experience that emphasizes curiosity, creativity and collaboration, helping students to reach their professional goals.

COURSES OFFERED



SALIENT FEATURES:

- Qualified, skilled and experienced Faculty members winning awards in their thrust areas with multidisciplinary domain knowledge and research experience.
- 9 minor and 01 major research projects worth 53.5 Lakh and more than 85 publications by faculty in reputed journals
- State of the Art Laboratory facilities for research, Hands on workshops for students
- Winner of first Chancellor Challenge of five lakh rupees for innovative ideas. Emphasis on Hands on research projects and participation in conferences and seminars

COURSE OVERVIEW AND CURRICULUM

Admission Procedure: The students will be admitted in this course based on their score in M.Sc. entrance examination, interview and marks obtained in T.Y.B.Sc.

Requirement: The student must have cleared BSc. Biotechnology from any recognized institute with minimum 60% marks in aggregate.

Duration: 2 Years (Four Semesters)

- Globally Competent, interdisciplinary & industry oriented
- Syllabi revised after every three years keeping the recent developments in the subject
- Core subject and elective papers with relevant practicals.
- Mandatory research project as a part of the curriculum

THRUST AREAS

- Cell Biology
- Molecular Biology
- Microbial Biotechnology
- Nanotechnology
- Food technology
- Biostatistics
- Bioinformatics
- Genetic Engineering
- Plant Biotechnology
- Biochemistry
- Animal Biotechnology
- Immunology
- Environment Biotechnology

CAREERS IN BIOTECH

Food Industry
Genetics & Molecular Biology
Pharma & Health care Industry
Scientific writing
Bioinformatics
QA-QC, Intellectual Property
Environmental Science
Food, Dairy & Agriculture
Academics
Animal Sciences,
Plant Sciences,
rDNA Technology
Genetic Counselling
Drug & vaccine development

DEPARTMENTAL ACTIVITIES



Workshops,
Industrial Visits



Seminar,
Outreach Activity



PLACEMENT OF STUDENTS

ThermoFisher Scientific Ltd. Yashraj Biotech., MEDGENOME, TATA Memorial Center, Metropolis Healthcare, HCG Cancer Center, Merieux Nutrigenomics, Kelloggs Foods, Sentiss Pharma, Newberg Genetics, CAGE Bio Inc. IIT Delhi, NIRRH, Argus Media, Cipla, Dr. Reddy's Lab. Infosys.

HIGHER STUDIES

John Hopkins University, University of Queensland Northeastern University, Boston, University of Oxford, University of Edinburgh, Imperial College of London, Virginia Tech, University of Queensland, IIM Ahmedabad, DBT-ICT Center of energy life sciences, ICT, Mumbai, University of Tubingen, RIKEN Center for Biosystems Dynamics Research, Kobe, IISC, Bangalore