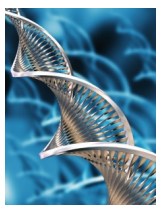


*“Biotechnology is creating a new industrial revolution based on biology instead of petroleum. As biotech processes replace old rust-belt technologies, they are enabling a transformation from a petroleum-based economy to a bio-based economy .”— Brent Erickson*



Biotechnology is the science of manipulating living organisms - be it human beings, animals, plants or micro-organisms, to alter their traits or yield products. It deals with techniques, including genetic engineering to get the desired results. It encompasses subjects like biology, chemistry, physics, mathematics, and engineering. Modern biotechnology is primarily focused on manipulating the DNA and finds its application in various fields from farming to pharmaceuticals.

Biotechnology has evolved as an important branch of science from merely being a part of baking and brewing. Recognizing the importance of it, the Department of Bio-Technology was established in 2005. Since then the department has been striving continuously to achieve excellence.

### **Courses offered:**

**Under Graduation:** B.Sc. (Bio-Technology).Duration: 6 Semesters

### **Faculty:**

- Dr.(Mrs.) Renuka Malhotra, M.Sc.(Hons), Ph.D., Head
- Dr. (Mrs.) Sumiti Kalia, M.Sc. (Hons), Ph.D.
- Dr. Sanjay Sharma, M.Sc., M.Phil, Ph.D.

### **Distinctions of the Department:**

- The Department has an exciting roster of teachers who are updated, skilled, result oriented, dedicated and are easily accessible.

- The Department has its own library.
- Well-equipped labs with latest inverted Microscope, Spectrophotometer, Fermentor, Microtome, Electrophoresis unit etc.

- The Department organizes various seminars, Symposium, National Conferences, Educational trips, to refresh the students about the latest developments in the field.
- Under the aegis of star College Scheme, DBT, New Delhi has granted rupees nine lacs to the department.

### **Seminars / Conferences / Workshops organized:**

#### **a) National**

- UGC & DBT sponsored one Day National Conference on “Medical Biotechnology” organised on February 2, 2013.
- DBT sponsored one day workshop on “Fermentation Technology”, organized on February 22, 2012.
- DBT sponsored one day workshop on “Drug Designing and Bio-Informatics”, organized on February 15, 2010.

#### **b) International**

- International Colloquium in Biotechnology, organized on November 27-28, 2009, sponsored jointly by CSIR, DBT, and UGC.

### **Glorious Results**

**Name**

**Course**

**Position in University**

**Year**

Poonam

Mehta

B.Sc.-II

Second

2012

Shivani

B.Sc.-I

First

2011

