



SSBT's College of Engineering & Technology Bambhori, Jalgaon.
(Included under section 2(f) and 12(B) of UGC Act, 1956
With NBA Accredited courses and ISO -9001-2008 Certified)

DEPARTMENT OF BIOTECHNOLOGY

NEWS LETTER Volume I, Issue II

July 2014–December 2014

BIONEERS

ABOUT THE COLLEGE



Smt. Pratibhatai Patil
Our Inspiration

- | | |
|---|--|
| <ul style="list-style-type: none"> • Lush Green 25 Acre Campus. • Virtual Class Rooms & e-learning. • Innovation & Entrepreneurship Development Centre. • 40.5 Mbps Internet Facilities. • 14000Sq.ft. AC library. | <ul style="list-style-type: none"> • Nationalized Bank & ATM. • Hi-Tech Gym & Yoga Center. • Medical facility. • Shram Sadhana Research Promotion Scheme. • Separate Girl's & Boy's Hostel. |
|---|--|



Dr. Devisingh Shekhawat
Chairman

VISION

To achieve the highest accolade in the field of Biotechnology by brightening the flame of quality education, knowledge and progressive technology for societal welfare .

MISSION

To prepare Proficient Biotechnologists to solve wide array of problems in life sciences and fulfill the global requirement by creating green and clean technology.

SALIENT FEATURES OF THE DEPARTMENT



Shri. Raosaheb Shekhawat
Managing Trustee

- | | |
|---|---|
| <ul style="list-style-type: none"> • Qualified and Experienced Faculty. • Research Activities. • Co-ordination, Integrity and Dedication of Faculty and Staff. • Well Equipped Laboratories & Departmental Library . • Computer Facilities and Internet. | <ul style="list-style-type: none"> • Emphasis on Laboratory Practicals and Projects. • Hands on training of ASPEN HYSYS Software. • Consultancy Services. • Good Results. |
|---|---|

**PROGRAMME EDUCATIONAL
OBJECTIVES**

I.

To provide students a necessary background in Mathematics, Life Sciences, Engineering and technology to develop a strong foundation in the arena of Biotechnology.

II.

To develop proficiency in the principles and methods essential in Biotechnology to succeed in entry level engineering positions at various industries as well as for continuing education.

III.

To develop professionalism and other moral values amongst students.

PROGRAMME OUTCOMES

After completion of the BE Biotechnology Programme graduates will have,

- An ability to apply knowledge of mathematics, science, and engineering.
- an ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multidisciplinary teams,
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- a recognition of the need for, and an ability to engage in life-long learning.
- a knowledge of contemporary issues.
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- an ability to apply the knowledge of engineering principles to living entities for societal welfare.

ABOUT THE DEPARTMENT

Department of Biotechnology came into existence in 2006 - 07 with starting of B.E.in Biotechnology to meet the demand of Biotechnology professionals. The department is accredited by the NBA. This is the only college to offer B.E. Biotechnology programme in North Maharashtra University region. The department laboratories are spacious, well equipped, with modern state of art facilities like computer controlled fermenter, lyophilizer, spectrophotometer, laminar air flow, incubator shaker, refrigerated research centrifuge etc. Department provides hands on training on Aspen HYSYS and software's related to Bioinformatics. The department is engaged in teaching and research in Biotechnology & related area.

DEPARTMENTAL EVENTS

FRESHER'S PARTY

Fresher's Party "AARAMBH" was organized under BESA on 20th Sep 2014. All the students from FE to BE were present for this function. On this occasion Department welcomed to the FE students and the prizes were distributed Toppers in university examination from department fund and sponsored by H.O.D. for motivation of students.



TEACHER'S DAY CELEBRATION

Teacher's Day celebrated on 5th September every year to honor the teachers for their contributions made in a particular field. It is the birthday of Dr. **Sarvapalli Radhakrishnan**, who was a strong believer of education, philosopher, president of India and above all a great teacher, who has received national and international recognition for



GUEST LECTURE



Dr.P. R. Puranik, Associate Professor, School of Life science, NMU, Jalgaon Delivered the Guest Lecture on “Newer Application of most ancient prokaryotes cynobacteria” on 13th Sept 2014 . During his talk he discussed about the various applications of the Cynobacteria . He also discussed about what are current research going on the cynobacteria. He motivated students by telling the success stories of his lab. He shares his experience with faculty and students.

Engineers Day Celebration



Engineers Day was celebrated on “”under the BESA activity. Engineers day is celebrated On this event Dr. I.D. Patil, HOD Biotech. Guided students. He spoke about the values and importance of an engineers. During this event the alumni of the Department Mr. Prabhakar Pujari Shared his thoughts on engineers. He share his experience of working in the biotech industry.

PHOTO GALLERY



Dr.K.S.Wani
Principal



Prof. S.P.Shekhawat
Director of Academics



Dr. I.D.Patil
Head of Biotechnology

PUBLICATION COMMITTEE

Dr. I.D. Patil

Coordinator

Mr. Vikas Dongardive

Content Organizer