



**SSBT's College of Engineering & Technology Bambhori, Jalgaon.
(Included under section 2(f) and 12(B) of UGC Act, 1956 with
Grade B++ (2.91) NAAC Accredited and ISO -9001-2008 Certified)**

DEPARTMENT OF BIOTECHNOLOGY

NEWS LETTER Volume 15

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BIONEERS



Smt. Pratibhatai Patil
Our Inspiration



Dr. Devisingh Shekhawat
Chairman



Shri. Raosaheb Shekhawat
Managing Trustee

ABOUT THE COLLEGE

- Lush Green 25 Acre Campus
- Virtual Class Rooms & e-learning
- Innovation & Entrepreneurship Development Center
- 40.5 Mbps Internet Facilities
- 14000 sq. ft. Air-Cooled library
- Nationalized Bank & ATM
- Hi-Tech Gym & Yoga Center
- Medical facility
- Shram Sadhana Research Promotion Scheme
- Separate Girl's & Boy's Hostel

VISION

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

MISION

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

SALIENT FEATURES OF THE DEPARTMENT

- Qualified and Experienced Faculty.
- Research Activities.
- Well Equipped Laboratories & Departmental Library.
- Emphasis on Laboratory practicals & Projects.
- Consultancy services.
- Good Result.
- Entrepreneurship Initiatives.
- Students working on funded project.

PROGRAMME EDUCATIONAL

OBJECTIVES

I. Core Knowledge

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

II. Employment/Continuing Education

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. Professional Competency

To develop professionalism and other moral values amongst students.

PROGRAMME OUTCOMES

After completion of the BE Biotechnology Programme graduates will have,

- a. an ability to apply knowledge of mathematics, science, and engineering,
- b. an ability to design and conduct experiments, as well as to analyze and interpret data,
- c. 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 .
- d. an ability to function on multidisciplinary teams,
- e. an ability to identify, formulate, and solve engineering problems,
- f. an understanding of professional and ethical responsibility,
- g. an ability to communicate effectively,
- h. the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context,
- i. a recognition of the need for, and an ability to engage in life-long learning,
- j. a knowledge of contemporary issues,
- k. an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice and
- l. 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 the Biotechnology professionals. This is the only college to offer B.E. Biotechnology programme in Kavayitri Bahinabai Chaudhari North Maharashtra University region. The department laboratories are well equipped, with modern state of the art facilities like computer controlled fermenter, lyophilizer, spectrophotometer, laminar air flow, shaker incubator, refrigerated research centrifuge etc. The department is engaged in teaching and research in Biotechnology & related area.

DEPARTMENTAL EVENTS

The Biotechnology students celebrated the woman's day on 08/03/2019 in the respect of all girls students.



Shri. Ravindra Tanwar, GM (QA and Production), Finar Limited, Mumbai delivered Lecture on Significance of Laboratory Reagent Specification, Global Harmonize system and its impact on Laboratory safety delivered the lecture on 13/03/2019 for all SE,TE ,BE Students



Final Year Student's Project Exhibition & Competition, "Shodhprakalp Pratiyogita 2019" conducted on 03/04/2019 for all BE Students.



Industrial lecture delivered by Shri. Rahul Wani on topic Operations of Petrochemical refinery on 14/03/2019 for all SE,TE ,BE Students

Industrial lecture delivered Smt.Smita Shirsale, Spectrum Electrical Components Pvt Ltd. Jalgaon delivered Lecture on HR practices in plastic industries on 18/03/2019 for all SE,TE ,BE Students

Industrial lecture conducted by Shri. Sudip Rane, Director, S P Pharmaceuticals Jalgaon delivered lecture on Pharmaceutical Biotechnology and Shri Ulhas Patil, Director, Acme Sujan Chemicals Pvt. Ltd. Jalgaon delivered lecture on Specialty chemicals manufacturing overview on 03/04/2019 for all SE,TE ,BE Students.



National Level Students Paper Presentation, Milestone 2K19 on 02/03/2019 for all FE, SE,TE ,BE Students.



Dr.K.S.Wani
Principal



Dr. V. R. Diware
Head of Biotechnology

NEWS LETTER COMMITTEE

Dr. V. R. Diware
CO-ORDINATOR

Mrs. Sarika S. Pawar
CONTENT ORGANIZER

Ms. Jitesh Bhangale (SE), Mr. Arif Raien (T.E.), Mr. Hemvanta Patil (B.E.)
STUDENT COORDINATORS

