



**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 17

Jan 2020 – July 2020

# **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***

Department organized International Conference on Global Trends in Science, Technology, Humanities, Commerce & Management 2019 (ICGTSTHCM 2019). The conference will be held during, December 28-30, 2019 at Jalgaon, India. ICGTSTHCM 2019 is being organized by SSBT'S COLLEGE OF ENGINEERING AND TECHNOLOGY, BAMBHORI, JALGAON, INDIA. The conference is based on the theme “Navigating the Future”.



Two days Entrepreneurship Awareness Camp (EAC) is organized by Shram Sadhana Innovation and Entrepreneurship Development Center (SSIEDC) of our college from 7<sup>th</sup> to 8<sup>th</sup> March 2020 for TE & BE students. **Speakers:** Shri. Anand Kothari, Director, Anand Publications, Jalgaon, Dr. P.T. Chaudhari, Head, Department of Commerce, M.J. College, Jalgaon, Mr. Kalyan Dani, Director, Yippee Technology, Jalgaon, Shri. Vijay Patil, Director, VB Engineers, Nashik.



Department was organized add on course on the topic “ Characterization and Analysis of Solid and Liquid waste by using various lab scale Methods” from 01/02/2020 to 15/02/2020 for all SE,TE students.



**A MEGA EVENT GENE-IOUS AND NATIONAL LEVEL STUDENTS LEVEL STUDENTS PAPER PRESENTATION “MILESTONE 2K20” ORGANIZED ON 07/03/2020.**



# PHOTO GALLERY



**F**



**Dr.K.S.Wani**  
Principal



**Dr. V. R. Diware**  
Head of Biotechnology

***NEWS LETTER COMMITTEE***

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