



BIONEERS

ABOUT THE COLLEGE



Smt. Pratibhatai Patil
Our Inspiration

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| <ul style="list-style-type: none"> Lush Green 25 Acre Campus. Virtual Class Rooms & e-learning. Innovation & Entrepreneurship Development Centre. 29 Mbps Internet Facilities. 14000 Sq.ft. Air-Cooled 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. |
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Dr. Devisingh Shekhawat
Chairman

VISION

To achieve 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

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| <ul style="list-style-type: none"> Qualified and Experienced Faculty. Research Activities. Well Equipped Laboratories & Departmental Library . Students working on funded project. Entrepreneurship Initiatives. | <ul style="list-style-type: none"> Emphasis on Laboratory Practicals and Projects. Hands on training of ASPEN HYSYS Software. Consultancy Services. Good Results. |
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PROGRAMME EDUCATIONAL OBJECTIVES	PROGRAMME OUTCOMES
<p>I. Core Knowledge</p> <p>To provide students a necessary background in Mathematics, Life Sciences, Engineering and technology to develop a strong foundation in the arena of Biotechnology.</p> <p>II. Employment/Continuing Education</p> <p>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.</p> <p>III. Professional Competency</p> <p>To develop professionalism and other moral values amongst students.</p>	<p>After completion of the BE Biotechnology Programme graduates will have,</p> <ol style="list-style-type: none"> 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 course to meet the demands of Biotechnology professionals. This is the only college to offer B.E. Biotechnology programme in the North Maharashtra University region. The department laboratories are 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 areas.

DEPARTMENTAL EVENTS

FRESHER'S FUNCTION AND TEACHER'S DAY

Fresher's function "KSHAN" and Teacher's day celebration was organized under BESA on 5th Sep 2013. All the students from FE to BE were present for the function. On the occasion the GATE study material were distributed to the Toppers in university examination from department fund sponsored by the Head biotechnology department.



SKETCH COMPETITION

Sketch competition was conducted by the department on 21/9/2013 on the topic "**Biotechnology 2020**". S.E, T.E and B.E. students were present for the event. The winners of the competition were:

1. B.E –Mr. Sachin Sapkaale.
2. T.E – Mr. Lilesh Pustode
3. S.E – Ms. Snehal Bansode



DEBATE COMPETITION

Debate competition was organized by department on 05/10/2013 on the topic “**Biological warfare**”. S.E, T.E. and B.E, students participated in the competition. The winners of the competition were

1. B.E—Mr. Nadim Suryawanshi
2. T.E—Mr. Kevin Thomas
3. S.E—Ms. Priti Sonawane

GUEST LECTURE

Dr. M. Hussian, Head of Civil Department delivered a Guest Lecture on “**Spiritual Aspects of Environmental Studies**” on 12th October 2013. He threw a light on various environmental issues and spiritual aspects. He motivated students for the control of environmental pollution by giving many examples of pollution control and safety .



GUEST LECTURE

A Guest Lecture on “**Plant Tissue Culture Techniques**” by K.S. Vishwakarma was arranged on 14/10/2013. His lecture was based on the core knowledge of plant tissue culture techniques. He guided the students about the importance of tissue culture techniques, needs, various factors to be considered during development of plant tissue culture lab etc. He shared his experience of many government funded projects sanctioned under his name.





DEPARTMENTAL LEVEL WORKSHOP

Two Days Departmental Level Workshop was organized by Department of Biotechnology on **“Antimicrobial Activities of Medicinal Plants”** on 18-19th October 2013. All SE students took part in the workshop.

During the workshop two Lectures were conducted by

1. Mr. Gaurav Khodape Assistant Professor , Biotechnology Department of SSBT's COET Bambhori Jalgaon on the topic **“Techniques in microbiology and Microbial growth”** on 18th Oct 2013.

2. Hands on training was conducted by Mr. Jayant Parpallivar Assistant Professor, Biotechnology Department, SSBT's COET, Bambhori Jalgaon. In that the Detailed experimental demonstration for each practical was given.

3. Mr. Mayur Ladole Assistant Professor, Biotechnology Department, SSBT's COET Bambhori Jalgaon on the topic **“Microbial growth and Therapeutic applications”** on 19th Oct 2013.



PHOTO GALLERY



Dr.K.S.Wani
Principal



Prof. S.P.Shekhawat
Director of Academics



Dr. I.D.Patil
Head of Biotechnology

PUBLICATION COMMITTEE

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