



**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 18

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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
- 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 SPECIFIC OUTCOMES

1. Biotechnology Engineer will be able to explicate the principles and applications of analytical methods involved in Biotechnology of Bio molecules & also emphasis on the molecular biology in the recombinant DNA technology to animals, plants & microbial organisms.
2. Biotechnology Engineer will be able to apply core knowledge of Biotechnology in the field of medical, microbial, environmental, agricultural, plant, animal, and forensic sciences.
3. Biotechnology Engineer will possess hands-on technical skills necessary for research activity in the field of Biotechnology.

PROGRAMME OUTCOMES

- **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

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



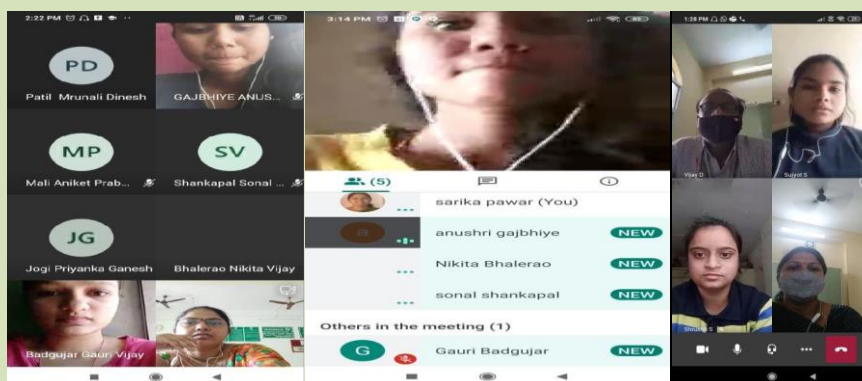
**Ms. Utkarsha Vispute (BE Biotechnology) University Topper
and Gold Medalist 2019-2020 Batch**

Placement and Higher Studies

S N	Name of Student	Name of Organisaton
1	Utkarsha Vispute	M.Tech Pune university
2	Rashmi Tayade	QA Trainee, Shivangan Food nad Pharma Company,Dondaicha
3	Arif Raien	Clinical Research Coordinator Osaiway Research,Pune
4	Deepak Kshirsagar	Clinical Research Coordinator Osaiway Research,Pune
5	Vishal Nannware	Serum Biotech. Pune
6	Nilesh Bhavsar	Executive Trainee Virchow Biotech , Hyderabad
7	Laxman Jadhav	Trainee officer , Zeiss Pharma PVT, ltd. Samba , jammu
8	Ashwini Jiskar	M.Tech Pune University.

TEACHER'S DAY

Online Teacher's day was celebrated in the Department on 5th of September 2020. All the SE, TE and BE students with faculty members have celebrated this day. On this occasion students have shared their views regarding their teachers. The Department Head Dr. V.R.Diware, Prof. Jayant Parpalliwar , Prof. Sarika Pawar and Prof. Gaurav Dilip Khodape, have also addressed the students regarding their higher studies and interaction with the department.



Academic Year 2019-20

Class	Name of Candidate	CGPA	Topper	Photo
B.E. Biotechnology	Vispute Utkarsha Dhananjay	8.85	I (KBCNMU Rank 1) Gold medalist	
	Tayade Rashmi Gokul	8.23	II (KBCNMU Rank 1)	
	Bhavsar Sakshi Nandakishor	8.14	III (KBCNMU Rank 1)	
T.E. Biotechnology	Shital Agrawal	8.48	I (KBCNMU Rank 1)	
	Manvi Ramteke	8.38	II (KBCNMU Rank 1)	
	Atharv Bhave	8.10	III (KBCNMU Rank 1)	
S.E. Biotechnology	Kurundkar Akanksha Avinash	9.58	I (KBCNMU Rank 1)	
	Lavane Vibhawari Rajendra	9.18	II (KBCNMU Rank 1)	
	Johari Aakash Sanjay	8.90	III (KBCNMU Rank 1)	



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. Nachiket Wankhede (SE), Mr. Yashashree Deshpande (T.E.), Mr. Sanket Sonawane (B.E.)
STUDENT COORDINATORS