



# ST. ALOYSIUS COLLEGE(AUTONOMOUS), JABALPUR

Reaccredited 'A+' Grade by NAAC(CGPA:3.68/4.00)

College with Potential for Excellence by UGC

DST-FIST Supported & STAR College Scheme by DBT

## Faculty of Bio Sciences

### Program Outcomes

### Bachelor of Science (B.Sc.)

After successfully completing B. Sc. (Bio science) Programme students will be able to:

PO1: *Develop scientific temper and research culture to address national and global environmental and sustainability issues.*

PO2. *Conduct basic scientific research and provide inputs for societal benefits.* Communicate scientific information through effective formal and informal methods generally used in sciences

PO3. Develop competence in basic sciences and in the content of the specific courses that constitute the principal knowledge of their degree.

PO4. As Bioscience is an interdisciplinary course, empower the students to acquire technological knowledge by connecting disciplinary and interdisciplinary aspects of Bioscience

PO5. *To cultivate a profound practical understanding among bioscience students tailored to our local region's requirements, empowering them for effective utilization in both industry and research endeavors.*

PO6. Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.

PO7. Understand and be aware of relevant theories, paradigms, concepts and principles of Bioscience.

PO8. *Fostering an understanding of local evolutionary strategies to identify and study indigenous flora and fauna, instilling a passion for biodiversity conservation tailored to our regional context.*

.PO9. Develop an understanding of various aspects of physical chemistry, structural properties of organic and inorganic forms, elucidation of electronic configuration and their applications.

PO10. Conceptual learning of microbial world and microbiological techniques , industrially important microorganisms , structure and functions of biomolecules and basic knowledge of immune system and immunological techniques.





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