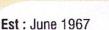
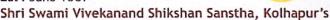






"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार" – शिक्षणमहर्षी डॉ.बापूजी साळुंखे





# Lal Bahadur Shastri College of Arts, Science & Commerce, Satara.

Affiliated to Shivaji University, Kolhapur, Maharashtra **Web:** www.lbscollegesatara.edu.in

## Program Specific Outcomes Master of Science in Zoology (NEP)

(Implemented from 2021-22)

#### Program Specific outcome (PSO):

After completion of program students will able to -

- > Understand the concept and principles of biosystematics and evolutionary process.
- > Students know about morphology and anatomy of grasshopper.
- Understand the principles of genetics and cytogenetics.
- > Students explain types of mutation, mutagenicity and carcinogenicity.
- > Students understand ethical and psychological approach in genetic counseling.
- > Students understand concept of taxonomy, kinds of classification.
- > Students understand concept of species, zoological nomenclature.
- > Studentsunderstand life cycle, morphology, infection and mode of control of parasites.
- > Students understand principles and technique in biology.
- > Students understand the principle of biochemistry.
- Students understand concept of ecology, biodiversity measurements, conservation and management.
- > Students understand physiology of reproduction and recent trends in reproductive biology.

Co-ordinator
Internal Quality Assurance Cell
Lal Bahadur Shastri College,
of Arts, Science & Commerce,
Satara.

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Lal Bahadur Shastri College, of Arts, Science & Commerce, Satara.

P. G. Department of Zoology

Cal Bahadur Shastri College of

Arts, Science & Commerce, Satara







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Est: June 1967
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

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### Program Specific Outcomes Master of Science in Zoology (CBCS)

### (Implemented from 2018-19)

### Program Specific outcome(PSO):

After completion of program students will able to -

- > Illustrate zoological science for its application in medical entomology, apiculture, aquaculture and agriculture etc.
- > Students study morphology and behavior pattern of insects and host parasite relationship. They know about small scale industries related to applied zoology as well as to develop entrepreneurship among students.
- > Develop proficiency in the experimental technique and relate comparative biology to explain evolution and success to live in varied environment.
- > Students understand important concepts of biosystematics, biodiversity.
- > Students attain knowledge of nutritional value of insects, types of insects that can be used in nutrition, revenue earning options.
- > Students understand the basis of cell-cell junctions, membrane transport, protein sorting, vesicular trafficking, cytoskeletal elements and their role in cell structure and function.
- > Students understand enzyme kinetics, industrial application and impart knowledge of enzyme classification, nomenclature.
- > Students acquire practical skill in animal cell culture and its maintenance.
- > Students explain regulations in endocrine physiology.
- > Students understand enzyme kinetics, industrial application and impart knowledge of enzyme classification, nomenclature.
- > Student understands basics of physiology and understands respiratory, excretory, circulatory, reproductive mechanisms.
- Students able to define the basic concept, morphological parts of the body and explain about normal ECG regulation.

Students give information about food toxicants and its health effects.

Co-ordinator Internal Quality Assurance Cell Lal Bahadur Shastri College, of Arts, Science & Commerce,

P. G. Department of Zoology VLal Bahadur Shastri College of Arts, Science & Commerce, Satara Principal,
Lal Bahadur Shastri College,
of Arts, Science & Commerce,
Satara.