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.

Lal Bahadur Shastri College of Arts, Science & Commerce, SATARA

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

Head
P. G. Department of Zoology
Lal Bahadur Shastri College of
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NAAC Reaccredited - Grade 'A' CGPA (3.15)

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

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

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