

OBJECTIVES

- To advance research and transfer of knowledge in all fields of biological sciences.
- To facilitate active interaction and to promote networking and collaboration among researchers.

FOCAL THEME

Pest Management For Food Security

SUB THEMES

- Acarology
- Avian biology
- Biochemistry
- Biosphere ecology
- Biosystematics
- Biotechnology
- Developmental biology
- Endocrinology
- Entomology
- Fishery biology
- Microbiology
- Molecular biology
- Toxicology

Important Dates to Remember

February 15, 2018: Abstract submission
February 15, 2018: Early registration deadline
February 25, 2018: Authors notified of acceptance
March 01, 2018: Full paper submission deadline

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GOLDEN JUBILEE NATIONAL SEMINAR

**FRONTIERS IN
BIOLOGICAL
RESEARCH**

**12 TO 14
MARCH
2018**



Organized by

**DEPARTMENT OF ZOOLOGY, UNIVERSITY OF CALICUT
CALICUT UNIVERSITY PO, KERALA 673635, INDIA
www.universityofcalicut.info**

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THE UNIVERSITY

The University of Calicut is the largest University in Kerala established in 1968. 'Nirmaya Karmana Sree' is the motto of the University with 34 post-graduate departments and 480 affiliated colleges to enlighten thousands of young people in North Kerala. The University, while celebrating its Golden Jubilee year, lays emphasis on fostering quality human resource and promoting productive research that benefits both local and scientific communities as well as the mankind as a whole.

THE DEPARTMENT

The Department of Zoology, a pioneer institute in the field of Entomology, was founded in 1963 as a centre of Kerala University and became a Department of Calicut University in 1968. Ever since its establishment, the department could fetch various externally funded research projects through departmental as well as faculty level, under various schemes of UGC, DBT, DST, MoEF, KSCSTE and so on. The Fund for Infrastructure in Science and Technology (FIST) of DST, the Selective Augmentation of Research and Development (SARD) scheme of KSCSTE and Special Assistance Programme (SAP) of UGC are remarkable in developing to its present modern research facilities. Through the SAP entitled 'Integrated and interactive digitalization and DNA barcoding of insects and mites of Western Ghats' the department could prove its potential in the advanced taxonomic practices using geometric morphometrics, a newly emerging area, exploring shape to function of organisms for various applications. Currently the Department offers M. Sc., M. Phil. and Ph. D. programmes. The research groups include Acarology, Biochemistry, Biopesticides, Biosphere Ecology, Biotechnology, Entomology, Endocrinology, Microbiology, Molecular Biology, Ornithology and Toxicology.

THE SEMINAR

Biological Sciences is a wide and exciting science which provides ample opportunities for research in many research areas including Acarology, Entomology, Molecular biology, Evolutionary biology, Biosphere ecology, Biotechnology, Microbiology, Toxicology and many more. Biology is an interesting subject that has an endless array of species, but only 1.71 million species have been discovered so far. Every creature in the universe is unique in its own way and the mystery behind the mechanism of their existence survival and evolution can be understood only through multidisciplinary research. Fundamental science of biology seeks this information from the Mother Nature and provides better understanding that how nature really works. As pest management is of prime importance for ensuring food security, the seminar explores the multifaceted approach toward this goal. The seminar will also serve as a platform for deliberations on related issues.

Registration

Registration can be done through Email along with duly filled registration form and proof for payment of registration fee. Registration fee for the seminar will be as follows:

Category	Early	Spot
Students	Rs. 800	Rs. 1000
Research Scholars	Rs. 1000	Rs. 1500
Faculty/Scientist	Rs. 2000	Rs. 2500
Accompanying person	Rs. 600	Rs. 800

Mode of Payment

Registration fee should be paid in favour of **General Convenor, Seminar/Workshop, Department of Zoology** by way of Account Transfer or Demand Draft payable at **A/c No. 67211112197** State Bank of India, Calicut University Branch (IFS Code: SBIN 0070200).

Abstract Submission:

Interested researchers are invited to submit abstracts for Oral/Poster presentation in MS Word format, not exceeding 300 words including Title, Author(s), Affiliation and Email address (Font size 12, Times New Roman) on any of the aforesaid themes. Abstracts should be sent to the Organizing Secretary through Email at zoologyseminar@uoc.ac.in on or before 15th February, 2018. Intimation of acceptance of abstract will be made in the given Email address for correspondence by 25th February, 2018.

Submission of Full Length Research Paper

Full length research paper, maximum of 10 pages in MS Word format (Font size 12, Times New Roman) should be submitted on or before 01st March, 2018 through Email at zoologyseminar@uoc.ac.in

Oral Presentation

The first author only is allowed for an oral presentation for a maximum of 10 minutes followed by 5 minutes for interaction. Power Point presentation facility will be available.

Poster Presentation

Poster should have a length of 120cm and width of 90cm. The main heading, sub heading(s), author(s) name and text should have the font size of 70, 48, 42 and 24 respectively. Non-degradable materials (plastic/flex) should be avoided.

Proceedings of the Seminar

Accepted full length research papers, on specific request from the authors, will be considered for publication with ISBN after a peer review process by duly constituted Editorial Committee. Authors consent for publication will be sought after the intimation of acceptance

