Organizing Committee

Patron	Prof. Dr. C. Swaminathan, Hon'ble Vice-Chancellor, Periyar University
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Co-Conveners	Dr. S. Murugesh, Professor & Head in Botany, Periyar University
	Dr. K. Murugesan, Professor & Head in Environmental Sci., Periyar University
Organizing Secretary	Dr. P. Thangavel, Dept. of Environmental Science, Periyar University
Organizing Joint Secretary	Dr. A. Maruthupandian, Department of Botany, Periyar University
Organizing Joint Secretary	Dr. A. Naresh Kumar, Department of Zoology, Periyar University

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Dr. Pardha Saradhi, Department of Environmental Studies, University of Delhi, Delhi

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Dr. Bernard F. Rodrigues, Department of Botany, Goa University, Goa

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Dr. B. Anjan Kumar Prusty, Gujarat Institute of Desert Ecology (GIDE), Gujarat

Dr. C. Rajadurai, Scientist - D, Department of Science and Technology (DST), New Delhi

Dr. Muthu Arumugam, National Institute for Interdisciplinary Science and Technology (NIIST) CSIR, Trivandrum, Kerala

Dr. M. Palanisamy, Botanical Survey of India, Southern Regional Centre, Coimbatore, TN

Address for Communication

Dr. P. Thangavel

Organizing Secretary (FESA – 2016), Department of Environmental Science,
School of Life Sciences, Periyar University, Periyar Palkalai Nagar, Salem- 636 011,
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National Conference on FRONTIERS IN ECOBIOLOGICAL SCIENCES AND ITS APPLICATIONS

FESA - 2016

March 17 & 18 - 2016

PERIYAR UNIVERSITY SALEM

Wisdom Maketh the World

Organized by

SCHOOL OF LIFE SCIENCES
PERIYAR UNIVERSITY
Re-accredited with 'A' Grade by NAAC
Periyar Palkalai Nagar, Salem – 636 011, Tamil Nadu, India.
Ph: 0427-2345766 (Ext: 335) Fax: 0427-2345124
Web: www.periyaruniversity.ac.in
Email: fesals2016@gmail.com

About the University

Periyar University was established at Salem on 17th September 1997 by the Government of Tamil Nadu. The University has taken rapid strides and is emerging as one of the leading Universities. The vision of the University is to impart knowledge to the society through formal and informal modes and to contribute to nation building. Periyar University is reaccredited with 'A' grade by NAAC with a CGPA of 3.15 in a four point scale. At present, the University has five Science schools and three Arts schools comprising 24 Departments which offer 26 P.G programmes and 24 research programmes. Besides, the University offers 35 diploma, 16 P.G. diploma, 8 certificate and 15 professional programmes. Besides the departments, the University has established exclusive centres for Biodiversity and Forest Studies, Geoinformatics and Planetary Science, Instrumentation and Maintenance Facility, Nanoscience, Tamil Computing, Women and Vivekanandha Studies. Currently, 92 colleges are affiliated to Periyar University from the districts of Salem, Namakkal, Dharmapuri and Krishnagiri which caters to the needs of students from rural areas and downtrodden sections of society. More than 1.5 lakh students have enrolled for various undergraduate and postgraduate programmes offered by Periyar University and their affiliated colleges.

About the School

The School of Life Sciences contains the Department of Botany, Environmental Science and Zoology. These Departments were established in the year 2011-2012. The School was armed with well qualified, dedicated and experienced faculty members. Several Conferences, Workshops, special lecture programmes, industrial visits and brainstorming sessions have been conducted periodically pertaining to various aspects of plant, animal and environmental sciences. The aim of the School of Life Sciences is to promote quality and value based education by motivating the practical skills of students and creating awareness on the recent advances in basic and applied science and research fields worldwide, which will make each student as a renovator to seek remedy for the future with a mission and a vision.

About the Conference

The interactions and feedbacks among plants, animals, microbes, human, and the environment ultimately form the world in which we live. This world is now facing challenges from a growing and increasingly affluent human population whose numbers and lifestyles are driving ever greater energy demand and impacting climate. As environmental and biological systems respond to climate change, new populations could begin to dominate communities, or important species could be lost, potentially leading to unanticipated consequences on the delicate balance of ecosystems. Despite these severe challenges, there is optimism that deeper understanding of our environment will enable us to mitigate detrimental effects, while also harnessing biological and climate systems to ensure a sustainable energy in future. The emerging research in Ecobiological Sciences deals with the broad challenges and interactions between natural and social science to ensure that natural resources, ecosystem services, and economic opportunities are globally available to future generations. Research also needs to address not only technical, scientific issues and constraints, but also the degree to which solutions are implemented and the subsequent consequences.

Today, Biological and Environmental Research continues to develop at the leading edge of scientific arena essential to achieving a sustainable future for energy, climate, and the environment. Using the power of genomics and systems biology, Ecobiological Sciences is exploring how microbes and plants can provide new options for energy production and carbon biosequestration. The proposed National Conference on "Frontiers in Ecobiological Sciences and its Applications (FESA – 2016)" focus on biological and environmental research and its technological advancements which will help to ensure environmental sustainability as a seventh goal of MDGs proposed by United Nations. It also serves as a good platform for the young students and researchers' academicians, industrialists and delegates to discuss their views in a wide range of disciplines of Life Sciences.

Themes

- Biodiversity and Conservation
- Bioinformatics, Cheminformatics, Ecoinformatics and Geoinformatics
- Environmental Toxicology and Risk Assessment
- Genetic Engineering
- Global Environmental Issues
- Microbial Ecology
- Nanomaterial from Bioresources
- Plant and Animal Taxonomy
- "Omics" Approaches in Ecobiological Research
- Oncology and Nanomedicine
- Remediation Technologies
- Remote Sensing and GIS
- Renewable Energy
- Soil Ecology
- Sustainable Agriculture and Forestry

Abstract Submission

An abstract in MS word, Times New Roman (font size 12, line space 1.5) highlighting the results of the work not exceeding 250 words should be in the following format: Title (Capital and bold with font size 14, Authors Name (bold with font size 12), and Affiliation (Address of the institution with e-mail ID of corresponding author). Presenting author should be indicated with an asterisk symbol(*). Title, author's name and affiliation should be centre aligned. Key words (italic with font size 10) should be limited to 5 words. Text should be justified (spacing 1.5, margin: L 2", R 1"). The abstract should be submitted by e-mail to fesals2016@gmail.com on or before March 13, 2016.

Oral/Poster presentation

Authors are requested to indicate their choice for oral/poster presentation. The scientific committee will decide on the suitability of paper for oral or poster presentation. The poster should clearly present the title, the author (s) name (s), affiliation (s) and address. The size of the poster should be with a dimension of 1m (height) x 1 m (width). The content of the poster should be easily readable from a distance of 2-3 meters. Poster should be in one piece either in flex or laminated sheet. Each oral presentation by the participants is restricted to 10 minutes including discussion. Awards will be presented for the meritorious oral and poster presentations. Selected full-length research papers will be published in a book with ISBN from renowned publisher.

Registration

The duly filled registration form may be sent along with the registration fee by non-refundable Demand Draft (DD) in favour of Organizing Secretary, FESA - 2016, School of Life Sciences, Periyar University payable at Salem, Tamil Nadu or Direct Bank Transfer to Organizing Secretary, FESA - 2016, School of Life Sciences, Periyar University A/c No. 8450101004188, IFSC Code: CNRB0008450, CANARA BANK

Participant	Registration fee	Date
Faculties, Scientists & Delegates	Rs. 600/-	March 15, 2016
Students & Research scholars	Rs. 400/-	

Organizing Committee Members

Dr. K. Selvam, Associate Professor in Botany, Periyar University
Dr. P. Thiruchenthilnathan, Associate Professor in Zoology, Periyar University
Dr. S. Venkatesan, Associate Professor in Environmental Sci., Periyar University
Dr. L. Sivakumar, Assistant Professor in Environmental Sci., Periyar University
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Dr. N. Kayalvizhi, Assistant Professor in Zoology, Periyar University
Dr. D. Arulbalachandran, Assistant Professor in Botany, Periyar University
Dr. S. Lalitha, Assistant Professor in Botany, Periyar University
Dr. R. Maheswaran, Assistant Professor in Zoology, Periyar University
Dr. P. Jayanthi, Assistant Professor in Environmental Sci., Periyar University

Registration Form

National Conference
on

FRONTIERS IN ECOBIOLOGICAL SCIENCES AND ITS APPLICATIONS (FESA - 2016)

School of Life Sciences

Periyar University

Re-accredited with 'A' Grade by NAAC

Periyar Palkalai Nagar, Salem – 636 011, Tamil Nadu, India.

March 17 & 18 - 2016

Name : .....

Designation : .....

Organization / Company : .....

Address : .....

1 .....

2 .....

Telephone/Mobile : .....

E–mail : .....

Registration fee details

Amount (₹) : .....

DD / DBT-NEFT Number : .....

Name of the Bank : .....

Date : .....

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Date: Signature

For further information – fesals2016@gmail.com

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(Photocopies of Registration forms are also accepted)