

### REGISTRATION FEE

#### Indian delegates

Academicians/Scientists/Professionals : Rs.1500.00/person  
Research Scholars/students : Rs.1000.00/person  
Accompanying person (without conference kit) : Rs.1000.00/person

#### Foreign delegates

Delegates : US\$ 100.00/person  
Accompanying person (without conference kit) : US\$ 75.00/person

Registration fee in the form of D.D. drawn in favour of **"The Registrar, Annamalai University"**, payable at Annamalai Nagar/Chidambaram, Tamil Nadu along with filled in registration form should reach the workshop head quarters on or before 20<sup>th</sup> of January, 2019.

### DATE TO REMEMBER (Last Date)

Registration : **20<sup>th</sup> of January, 2019**  
Submission of abstracts : **20<sup>th</sup> of January, 2019**  
Submission of full length papers : **20<sup>th</sup> of January, 2019**  
Request for accommodation : **20<sup>th</sup> of January, 2019**

### ACCOMMODATION TARIFF RANGE

Non A/C : Rs. 500.00 to Rs. 1500.00 / day  
A/C : Rs. 800.00 to Rs. 3500.00/day

(Rate per person can be lower in case of shared accommodation, for assistance contact conference headquarters)

Address for communication:

**Dr.V.I.Paul / Dr. M.Muthulingam**

**Dr. A.Elangovan / Dr.J.Nelson Samuel Jebastin**

Organising Secretaries, RIBER-2019  
Department of Zoology, Annamalai University  
Annamalai Nagar -608002, Tamil Nadu, India.  
Mob: +91 8667236659, +91 9843629002,  
+91 9942399942, +91 9942779951  
E-mail: [riber2019@gmail.com](mailto:riber2019@gmail.com)

### Bank details for online transfer / NEFT of Registration Fee

Bank Name : ICICI Bank  
Branch : Annamalai Nagar  
A/C No. : 621201156619  
IFS Code : ICIC0006212  
MICR : 608229009  
In favour of : **The Registrar, Annamalai University**  
Payable at : Annamalai Nagar

Online transacting participants are requested to forward the payment transaction ID & details to [riber2019@gmail.com](mailto:riber2019@gmail.com)  
Conference E-mail: [riber2019@gmail.com](mailto:riber2019@gmail.com)

All post registration correspondence will be through E-mail only.

### Local Hospitality

Conference kit (except for accompanying persons), working lunch, tea and snacks will be provided to all the registered participants and registered accompanying persons. For foreign delegates, local transport for conference purpose within Tamil Nadu is also included in the registration fee. Limited number of shared accommodation (A/C & Non A/C) on payment basis is available in the University Campus. On campus accommodation will be arranged on prior request at [riber2019@gmail.com](mailto:riber2019@gmail.com) on first come first serve basis. Hotel accommodation can be arranged on prior request and payment of advance towards rent.



### PLACES OF INTEREST



Nataraja Temple, Chidambaram  
An eleventh century sculpture rich fascinating Saivite temple



Pichavaram Mangrove Forest  
World famous mangrove forest with scenic spots and varied tourism resources.



Poompuhar Beach  
Once biggest port of East coast, now an exquisite beauty of tourism.



Puducherry (Pondicherry)  
The tourist town of East Coast.

# ANNAMALAI UNIVERSITY



(Accredited with "A" Grade by NAAC)

## INTERNATIONAL CONFERENCE ON

# RECENT INNOVATIONS IN BIOSUSTAINABILITY AND ENVIRONMENTAL RESEARCH-2019 (RIBER-2019)

**20<sup>th</sup> to 22<sup>nd</sup> of February 2019**



Organised by

**DEPARTMENT OF ZOOLOGY**

(UGC - SAP & DST - FIST Sponsored)

**ANNAMALAI UNIVERSITY**

Annamalai Nagar-608 002, Tamil Nadu, INDIA

[www.annamalaiuniversity.ac.in](http://www.annamalaiuniversity.ac.in)

Announcement and Call for Papers





## ORGANISING COMMITTEE

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 Dr. H.P. Gurushankara, Central University of Kerala

## ABOUT THE UNIVERSITY

In the early 1920s Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi college, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929).

One of the most significant developments is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013. Annamalai University is accredited with 'A' Grade by NAAC in 2014. "The NIRF-2018" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 20<sup>th</sup> in India. In the Medical Category the ranking is 24<sup>th</sup>. "The Times Higher Education World University Ranking -2019" has ranked Annamalai University in 1000+ for Overall category. "The CWTS Leiden Ranking2018", on scientific impact of universities and on universities' involvement in scientific collaboration & scientific performance, has ranked the University at 20<sup>th</sup> based on the number of publications and 4<sup>th</sup> based on the proportion of publications that, compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. "The MDRA - India Today Ranking" (2018) has ranked Annamalai University 13<sup>th</sup> among the best Government Universities in India. Among the top 197

ranked institutions for Higher Education in India the "SCImago Institutional Ranking (2018)" has ranked Annamalai University as 7<sup>th</sup> in Tamil Nadu and 32<sup>nd</sup> in India.

Annamalai University is one of the largest unitary, teaching, and residential Universities in Southern Asia comprising of 10 Faculties and 49 departments of study. This University has played a pivotal role in providing access to higher education to thousands of youth cutting across the social spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

### Host Department

The Department of Zoology was established in the year 1931 to disseminate the knowledge in animal science. The Department through its outstanding performance in teaching and research activities has attained the status of UGC-SAP and DST- FIST sponsored Department. The Department offers M.Sc. Zoology (CBCS), M.Sc., Environmental Biotechnology, M.Sc. Integrated Zoology and M.Sc. Integrated Bioinformatics programmes in addition to M.Phil. and Ph.D. programmes in the respective fields.

### Conference Announcement

Growing evidences and real-world changes convincingly show that humanity is driving the global environmental change and pushing the world in to the widely claimed new geological epoch, the "Anthropocene" and trigger the anthropogenic Biodiversity crisis across the globe. In fact we are in the middle of environmental, economic and social crises having enormous repercussions on "Biosustainability" through unparalleled Biodiversity loss due to various

destructive phenomena such as environmental contamination through dumping of pollutants, rapid rise in green house impact, climate change, stratospheric ozone depletion, ocean acidification, declining global freshwater reserve, interferences with biogeochemical cycles, change in land use pattern, loading of atmosphere with aerosol, hitherto unknown health issues and many other detrimental tools of mass destruction. Such detrimental forces have gifted us multitudes of Biosustainability crises from sub-molecular to organism and community levels across the globe and having the potential to drive the biosphere to mass extinction.

In this context, Department of Zoology, Annamalai University has designed this three days international conference keeping in mind the needs of the society in general and target audience in particular. The proposed international conference would pay particular attention to global climate change as well as to the effects and mitigation of emerging contaminants at various levels of Biological organisation. Addressing the impacts across different levels of biological organisation shall pave the way to identify sensitive organisms, potential biomarkers, and also to elucidate the action mechanism of drivers of threats to Biosustainability that ultimately could contribute to Biosustainability risk assessment.

In this background, the conference would provide a common platform of interaction for a cross section of stakeholders such as leading scientists, technical experts, academicians, researchers, representatives from industries, students and general public. Facilitating such scientific interactions among and between various stakeholders are fundamental not only for multidisciplinary and collaborative research but also for the involvement of the public in the social implications of research, as well as for a better understanding of the underlying scientific process towards conservation of Biodiversity and maintenance of Biosustainability under the ongoing global environmental emergency.

### Focal Areas of the Conference

- ❖ Biodiversity issues, mitigation & conservation.
- ❖ Bioinformatics & eco-friendly green technologies (Biotech., Microbial., Nanotech.)
- ❖ Biosustainability crisis & management.
- ❖ Eco-friendly pest & weed management.
- ❖ EIA, pollution control and bioremediation.
- ❖ Environmental contamination & toxicology.
- ❖ Environmental economics & rural management.
- ❖ Environmental education, management & engineering.
- ❖ Environmental health issues & stress physiology.
- ❖ Global climate change, greenhouse effect & ocean acidification.
- ❖ Habitat modifications, wildlife management, animal-plant & animal-human interactions.
- ❖ Natural products, ethno-biology & phytochemistry.
- ❖ Natural resources, sustainable development & ecosystem analysis.
- ❖ Pollution monitoring, bioindicators & biomarkers
- ❖ Sustainable agriculture, animal husbandry & fisheries management.

### Call for conference presentation & full length papers.

#### Abstracts

Abstracts of original research findings are invited for presentation in the conference and should be prepared in the sequence of title, name and institutional address of author(s) and key words and should not

exceed 200 words. It should be double spaced with normal margins (1"x 4sides) typed in MS word format and Times New roman 12 font size. Soft copy of the abstract should be submitted as E-mail attachment to the conference E-mail ID.

#### Full length articles

Full length articles of presentations for consideration of publication in the conference proceedings/ edited volume should be prepared strictly adhering to the instructions. The article should not exceed eight printed pages (A4 size) including abstract, tables, figures and references. Article should be double spaced throughout, typed in MS Word format and Times New roman 12 font size in British English with normal margins, spell checked and grammar corrected and should be arranged into title, abstract, introduction, materials and methods, results and discussion (combined), acknowledgment (if necessary) and references. Figures should be in JPEG format. Soft copy of the article should be submitted as E-mail attachment to the conference E-mail ID. References should be alphabetically arranged under references section, citation model is as follows.

#### Intext

Single author (Harwood 2000); Two authors (McQueen & Knussen, 2006); More than two authors (Vaughen et al., 2005).

#### In references

- ❖ (Book) Greig A Taylor J MacKay T 2013. Doing research with children: A practical guide London Sage P.200.
- ❖ (Edited volume) Harwood JL 2000. Plant lipid metabolism In PM Dey JB Harbolene (Eds.) Plant Biochemistry (pp.17-45) Academic Press New York.
- ❖ (Journal article) Vaughan RL Reed S Korfiatis G Meng K 2005. Removal of arsenic from water by zero-valent iron J Hazard Mater 121: 61-67.
- ❖ (Web page) Johnson KA Becker JA 2006. The whole brain atlas. Retrieved from <http://www.med.harvard.edu/AANLIB/>  
 Only one abstract and/or full-length paper will be accepted from one set of authors based on peer review/revision and the lead author of the group should have registered for the conference. Acceptance of the abstract and/or article is purely the discretion of reviewers/editorial board and organisers of the conference. Selection of article for the edited volume will be the discretion of the editorial board.

#### Awards

**Young Scientist Awards** (one each for oral & poster) will be given to the best presenters among the research scholars. Similarly **Budding Scientist Awards** (one each for oral & poster) will be given to the best presenters among students.

#### Arriving at Annamalai University

The nearest airports are Chennai and Tiruchirappalli international airports in Tamilnadu. Chidambaram is located 240 km South of Chennai and 170 km East of Tiruchirappalli. It is on the Chennai Egmore-Tiruchirappalli main line of railway. It is well connected by rail and road to both the cities. Nearest railway stations are Chidambaram (on main line) and Vridhachalam (on chord line). The road connection from Chennai is from Koyambedu bus terminal via Pondicherry and Cuddalore. Enough number of State Government buses as well as luxury coaches runs from Koyambedu to Chidambaram.





**ANNAMALAI UNIVERSITY**

**DEPARTMENT OF ZOOLOGY**

Annamalainagar 608 002, Tamilnadu, India



**INTERNATIONAL CONFERENCE ON**

# **Recent Innovations in Biosustainability and Environmental Research-2019**

**(RIBER - 2019)**

*20<sup>th</sup> to 22<sup>nd</sup> of February 2018*

## **REGISTRATION FORM**

Abstract alone/Abstract & full length paper / Participation / Accompanying person / Veg. / Non veg. /  
**Oral / Poster**

Name : .....

Male / Female : .....

Designation : .....

Postal Address : .....

.....Postal Code.....

\*Phone No. with country code: .....

\*Email : .....

Title of paper : .....

Author (s) : .....

Registration fee : ..... D.D.No. / Online ID.....

Bank : ..... Date : .....

Date: ..... Signature of the Participant

Details of accompanying persons if any:

Accommodation assistance required: Yes/No .If required contact Conference Headquarters.

Soft copy of filled in registration form & scanned DD image should reach Conference Headquarters at **riber2019@gmail.com** on or before **20<sup>th</sup> of January, 2019**. Originals have to be send by registered post to **The Organising Secretary, RIBER-2019, Department of Zoology, Annamalai University, Annamalainagar -608002, Tamilnadu, India.**

**\*Essential**

**Photocopies of registration form may be used or download from University website. Strike out whichever in not applicable.**