

**ANNAMALAI UNIVERSITY**



(Accredited with "A" Grade by NAAC)

**Centre of Advanced Study in  
Marine Biology**

**DST - PURSE sponsored**

**International Conference  
on  
Changing Contours of Blue Economy  
- Promises and Challenges  
(ICBE-2019)**

**First Announcement**

**February 6 - 8, 2019**

**Venue:**

**Centre of Advanced Study in Marine Biology  
Parangipettai**

**Organizing Committee**

**Dr. S.T. Somasundaram**

**Dr. P. Anantharaman**

**Dr. P. Murugesan**

**Dr. A. Gopalakrishnan**

**Mr. T.M. Vasanthan**

Centre of Advanced Study in Marine Biology

**Faculty of Marine Sciences  
Parangipettai - 608 502  
Tamil Nadu, India**

**ABOUT THE ANNAMALAI 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 Annamalai Chettiar agreed with the local Government to handover the above said institutions 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). With the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013, this University has become a state University.

Annamalai University is accredited with "A" Grade by NAAC in 2014. "The NIRF-2017" by the Ministry of Human Resource Development (MHRD) has ranked the University as 20<sup>th</sup> in Tamil Nadu and 92<sup>nd</sup> in India in the Overall category. In the University category ranking is 14<sup>th</sup> in Tamil Nadu and 56<sup>th</sup> in India. In the Pharmacy category the ranking is 2<sup>nd</sup> in Tamil Nadu and 13<sup>th</sup> in India. "The Times Higher Education World University Ranking – 2018" has ranked Annamalai University in 801–1000 for Overall category and 401–500 for Life Sciences category. "The CWTS Leiden Ranking 2017", on scientific impact of Universities and on Universities' involvement in scientific collaboration & scientific performance, has ranked the University at 14<sup>th</sup> based on the number of publications and 3<sup>rd</sup> based on the proportion of publications that, compared with other publications in the same field and in the same year, belonging to the top 10% of most frequently cited. "The Nielsen – India Today Ranking" (2017) has ranked Annamalai University 11<sup>th</sup> among the top 30 Universities in India. Among the top 100 institutions for Higher Education in India the "Scimago Institutional Ranking" has ranked Annamalai University as 4<sup>th</sup> in Tamil Nadu and 20<sup>th</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 for 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 quite laudable.

**ABOUT THE CENTRE**

The Centre of Advanced Study (CAS) in Marine Biology is a reputed marine institute in India which is actively engaged in teaching, research and extension activities with an ideal location and easy access to

different biotopes such as estuaries, mangroves, backwaters and coastal waters. It has made rapid strides in various facets of marine science. Research contributions over the years to marine science pertaining to the tropical environment by this Centre resulted in the establishment of exchange programmes with research institutions of the United Kingdom, and the United States of America besides various other countries. The major thrust areas identified for the Centre by the experts of the UGC are Biological, Physical and Chemical Oceanography, Physiology, Biochemistry, Marine Microbiology, Pharmacology, Fishery Science, Ecology, Aquaculture and Marine Biotechnology. The Ministry of Environment, Forest and Climate Change, Government of India recognizing the expertise available here has established an Environmental Information System (ENVIS) Centre which has database on biodiversity of mangroves, estuaries, corals and lagoons. The Ministry of Science and Technology, New Delhi has also identified the Centre for support under the FIST programme of DST in 2000. The Department of Biotechnology has identified our Centre and funded to start a Post Graduate course on Marine Biotechnology in 2002. The Ministry of Science and Technology has declared our Centre as the Centre of Excellence in 2004. Recently, our Centre has been recognized by University Grants Commission as Centre of Excellence in Marine Biodiversity. Our Centre has been elevated to a level of Faculty of Marine Sciences from 2010 onwards.

**ABOUT THE THEME**

Blue Economy refers to strategic and sustainable use of Marine Resources for the development of Economy and the well-being of humans. This expression also means meeting the aspirations of mankind. In principle blue economy is founded upon a systems approach, wherein renewable and organic inputs are fed into sustainably designed healthy systems with higher productivity to fuel blue growth. It lays emphasis on seeking potential benefits in connecting and combining seemingly disparate environmental problems with open-source scientific solutions based upon physical processes common in the natural world, to create solutions that are both environmentally beneficial and which have financial and wider social benefits. Application of the policies of blue economy here will shift society from scarcity to abundance with what is locally available, by tackling issues that cause environmental and related problems in newer dimensions. It focuses on the generation of more value, instead of blindly cutting costs. In short, it provides economic benefits via job creation, reduced energy use,

and more revenue streams from each step of the process, at the same time benefiting the communities involved.

The concept of blue economy is much broader and encompasses from maritime activities through shipping and fishing to aquaculture. India is endowed with a vast coastline and hence better placed to harness the potential of living and non-living resources of the oceans. This meet is planned to discuss about the changing contours of blue economy.

#### Themes of the meet:

- I Capture Fisheries
- II Hatchery and Nursery Management
- III Water Quality, Feed Management, Biosecurity and Disease Management
- IV Processing and Quality Assurance
- V Eco-labelling and Regulations
- VI Economic Valuation

#### Who can participate ?

Those who are currently involved in marine resources, including the academics and civil society groups (Faculty Members, Teachers, Scientists, Research Scholars, Professionals, Policy makers and Administrators from India and Abroad).

#### Submission of Abstracts

Extended abstracts with introduction of the topic, area of study, methods followed, key results and conclusion along with keywords limited to 300 words and typed using MS Word-Times New Roman with Font size 12 have to be sent to the Organizing Secretary through e-mail on or before the last date mentioned below. The theme under which it has to be listed for presentation and discussion needs to be indicated.

#### Poster Presentation

Posters for display should be 2' x 3' in glossy sheet.

#### Best Paper presentation / Best Poster Presentation awards per theme

Best papers under oral and poster presentations (in each thematic area) will be selected for the award.

#### Registration fee

Delegates are requested to send their registration fee in the form of Demand Draft drawn from any Nationalised Bank, drawn in favour of "The Registrar, Annamalai University" payable at Annamalai nagar.

Scientists and Faculty	: Rs.1500/-
Research scholars and Students	: Rs. 500/-
International participants	: US\$ 100

#### Accommodation

Accommodation will be arranged on prior request in the University guest house / hostel at nominal rates.

**Last date for submission of Abstract: January 21, 2019**

#### Patron

**Prof. Dr. V. Murugesan**

Vice-Chancellor, Annamalai University

#### Co-Patron

**Prof. Dr. M. Ravichandran**

Registrar (i/c), Annamalai University

#### Co-ordinators

**Prof. M. Srinivasan**

Director & Dean

Faculty of Marine Sciences, Annamalai University

**Prof. S. Kabilan**

Dean

Faculty of Sciences, Annamalai University

#### Address for Communication

#### The Organizing Committee

**ICBE-2019**

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Faculty of Marine Sciences

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#### Advisory Committee

##### National

Dr. B. Meena Kumari, Chairman, NBA, Chennai  
Prof. T. Balasubramanian, Vice-Chancellor, Chettinadu Univ.  
Prof. L. Kannan, Former Vice-Chancellor, Thiruvallur Univ.  
Prof. K. Kathiresan, Former Dean & Director, Honorary Prof., CAS in Marine Biology  
Prof. S. Ajmal Khan, Honorary Prof., CAS in Marine Biology  
Dr. E. Vivekanandan, Former Head, Dem. Fish. Div., CMFRI  
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Dr. R. Santhanam, Former Dean, FCRI, Tuticorin  
Mr. S. Santhana Krishnan, CEO, SK Marine Tech. (Pvt.) Ltd.  
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Mr. V.P. Dhandapani, Director of Fisheries, Chennai  
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Dr. C. Raghunathan, Joint Director, ZSI, Kolkatta  
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Dr. Anil Kumar, Scientist-D, NRC, Dehradun  
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Prof. Appadoo Chandani, Univ. of Mauritius, Mauritius  
Prof. A.N. Subramanian, Ehime University, Japan  
Dr. K.P. Sivakumaran, Scientist, Australia