

**REGISTRATION FORM**

**IQAC workshop/STTP**

**Skill enhancement Practices (Cryo-section techniques of animal tissues) two days Programme**

(IQAC Sponsored)

Date: 05 - 06, November, 2019

Venue: CAS IN MARINE BIOLOGY

Name:.....

Sex:.....

Designation:.....

Department / Institute:.....

Area of Research / Job details:.....

Address for communication .....

Fax: ..... E-mail: .....

Details of Registration fee:

Amount Rs.....DD.No.....

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

Signature of the candidate

Signature of the Head/Supervisor

Office seal

Date:

Place :

**ORGANIZING COMMITTEE**

**Patron**

**Prof. V. MURUGESAN**

Vice-Chancellor  
Annamalai University

**Co-Patron**

**Prof. N. KRISHNA MOHAN**

Registrar i/c  
Annamalai University

**President**

**Prof. M. SRINIVASAN**

Director & Dean  
CAS in Marine Biology  
Faculty of Marine Sciences

**Co-ordinator & Organizing Secretary**

**Dr. B. DEIVASIGAMANI**

Associate Professor & UGC Research Awardee  
CAS in Marine Biology

**Co-organizing secretaries**

**Dr. S. BRAGADEESWARAN**

Associate Professor

**Dr. S. KUMARESAN**

Assistant Professor

**Dr. H. ANN SUJI**

Assistant Professor  
CAS in Marine Biology



**ANNAMALAI UNIVERSITY**

(Accredited with 'A' Grade by NAAC)

CELEBRATING 90 YEARS (1929 - 2019)

**CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY**

GOVERNMENT OF INDIA, NEW DELHI

**IQAC WORKSHOP / STTP SPONSORED TWO DAY SKILL  
ENHANCEMENT PRACTICES PROGRAM ON  
"CRYO-SECTION TECHNIQUES OF ANIMAL TISSUES"**

Venue: CAS in Marine Biology

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**President**

**Prof. Dr. M. SRINIVASAN**

Director & Dean  
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**Dr. B. DEIVASIGAMANI**

Associate Professor & UGC Research Awardee  
DST-SERB Young Scientist Awardee

**Organized by**

**CENTRE OF ADVANCED STUDY IN MARINE BIOLOGY**

**FACULTY OF MARINE SCIENCES**

**ANNAMALAI UNIVERSITY**

**PARANGIPETTAI - 608502**

## 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-2019" 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 12<sup>th</sup> in India. In the Medical Category the ranking is 25<sup>th</sup>. "The Times Higher Education World University Ranking-2019" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2019, the University is ranked in the band of 501-600 for Life Sciences and Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences subject. "The QS World University Ranking-2019" has ranked Annamalai University in the band of 291 -300 in Asia Ranking, 174 in the BRICS Ranking and 43 in India Ranking. "The CWTS Leiden Ranking 2018", 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.

## ABOUT OUR CENTRE

The Centre of Advanced Study (CAS) in Marine Biology, a reputed Marine Institute in India is actively engaged in research and teaching in Marine Sciences. Its ideal location and easy accessibility to different biotopes such as estuary, mangrove, backwaters and coastal waters has helped in progress of various facets of Marine Science, Marine Technology and Oceanography. Though the centre was established as a field laboratory for the Department of Zoology in the year 1957 by the eminent scientist (Late) Prof. R.V. Seshaiya, it attained the status of a separate department in 1961. In 1963, UGC recognized this department as the Centre of Advanced Study in Marine Biology for its excellent research contributions. In recognition of the academic accomplishments achieved, the University elevated this Centre as a separate FACULTY from the academic year 2010-2011. The centre offers 7 post graduate courses and 5 research degrees apart from 3 post - graduate diploma courses through distance education and 01 B.F.sc., professional course.

Till date the centre had produced 2,725 postgraduates and 532 students have been awarded with M.Phil. Degree, 628 with Doctoral degree and 3 D.Sc., degree. The centre has successfully completed 200 research projects with potent outputs and has 77 ongoing research projects funded by various national and international agencies. The Centre's faculty members and students have visited various international and national institutions for training and research rather than merely participating in seminars and symposia. The centre has also organized a number of seminars, symposia and workshops at both national and international levels that enlightens the knowledge of students in various aspects.

An excellent display and reference collections of authentically identified specimens of the flora and fauna components of this area are maintained in the museum and there is also a classified catalogue consisting the species of marine invertebrates and vertebrates.

## ABOUT THE WORKSHOP

The cryosection (frozen section) procedure is a pathological laboratory procedure to perform rapid microscopic analysis of a specimen. The frozen section is mainly used for rapid diagnosis of the lesion for intraoperative management, to know the extent of the lesion, to do enzyme immunocytochemistry and immunofluorescence study and also to stain lipid and certain carbohydrate in the tissue. In this regard, This workshop will provide National and International researchers, clinicians, and public specialists with an up-to-date view

on the rapidly expanding knowledge in the field of Histopathology / Histology / Immuno-histochemistry etc.

## Objective

1. To enhancement of skill development techniques (Cryosection of animal tissues)
2. To develop microtome techniques and uses

## Course Content/Coverage:

1. Histology techniques
2. Anatomy of animal tissues(Fish)
3. Cryosection of fish samples
4. Methods of sample collection
5. Preservation of animals tissues and
6. Staining techniques (Cryostat microtome)

## Registration fee

Delegates	Before 25 <sup>th</sup> October 2019	Spot Registration
Academicians/Scientists/Faculty	Rs.500	Rs.600
Research scholars/Students	Rs.200	Rs.300

(Accommodation will be arranged in advance on request in the university guest house/hostel at nominal rates).

All faculty/students will have to register themselves separately. The registration form duly filled in should be sent to the Co-ordinator along with DD in favour of The Registrar, Annamalai University payable at Annamalai Nagar/ Chidambaram branch on or before 30<sup>th</sup> October 2019

**Last date for registration form submission before 30.10.2019**

## Address for correspondence

**Dr. B. DEIVASIGAMANI, M.Sc., M.Phil., Ph.D.,**

Associate Professor & UGC Research Awardee  
Co-ordinator & Organizing Secretary  
Centre of Advanced Study in Marine Biology  
Faculty of Marine Sciences  
Annamalai University  
Parangipettai – 608 502, Tamil Nadu, India  
Mobile: 9443880023 & 8072866107  
E-mail: b.deivasigamani@gmail.com;  
immunoworld2019@gmail.com