



**ANNAMALAI UNIVERSITY**  
Accredited with "A+" Grade by NAAC)



**National Workshop on**

**"CURRENT STATUS OF IMMUNOLOGY  
AND IMMUNOTECHNOLOGY"**

*Sponsored by*

*Annamalai University in the grant of  
Rashtriya Uchchattar Shiksha Abhiyan (RUSA 2.0)  
Ministry of Education, Government of India, New Delhi*

**8<sup>th</sup> & 9<sup>th</sup> December, 2022**

**REGISTRATION FORM**

Name : .....

Gender: .....

Designation: .....

Department/Institute: .....

Area of Research: .....

Address for communication : .....

Tel. /Mobile No.: ..... E-mail: .....

Signature

**ADDRESS FOR CORRESPONDENCE**

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**ORGANIZING COMMITTEE**

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**Organizing Secretary**

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**Dr. P. Murugesan, Associate Professor**

**Dr. A. Saravanakumar, Associate Professor**

**Dr. D. Annadurai, Associate Professor**

**Dr. A. Gopalakrishnan, Assistant Professor**

**Dr. H. Ann Suji, Assistant Professor**

**PROGRAMME SCHEDULE**

**08.12.2022 - Day 1**

09.30-10.00 am : Registration

10.00 - 10.30 am : Inauguration

10.30 - 01.00 pm : Technical Session - 1

01.00 - 02.00 pm : Lunch Break

02.00 - 05.00 pm : Technical Session - 2

**09.12.2022 - Day 2**

10.00 - 01.00 pm : Technical Session - 3

01.00 - 02.00 pm : Lunch Break

02.00 - 04.00 pm : Technical Session - 4

04.00 - 5.00 pm : Feedback & Valedictory

*function*

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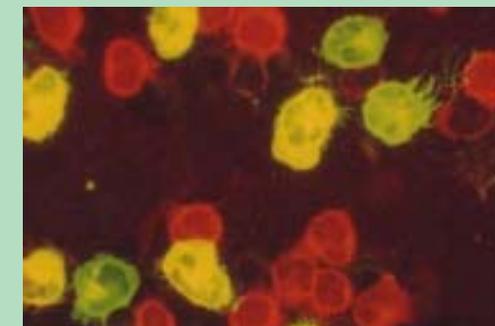
**8<sup>th</sup> & 9<sup>th</sup> December, 2022**

**Venue**

**Centre of Advanced Study in Marine Biology  
Parangipettai - 608 502**

**Organizing Secretary**

**Dr. B. Deivasigamani, Associate Professor**



**Centre of Advanced Study in Marine Biology  
Faculty of Marine Sciences  
Annamalai University  
Parangipettai - 608 502, Tamil Nadu, India**

## ABOUT OUR UNIVERSITY

In 1929, Raja Sir S.R.M. Annamalai Chettiar established the Annamalai University in agreement with the local government 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) this University has become a state University. Annamalai University is accredited with 'A+' grade by NAAC. The NIRF 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 it is 14<sup>th</sup> in Tamil Nadu and 56<sup>th</sup> in India. Annamalai University is one of the largest Universities in Southern Asia, comprising of 10 Faculties and 49 departments of various disciplines. This university has played a pivotal role in providing access to higher education to 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 OUR CENTRE

The Centre of Advanced Study in Marine Biology is one of the pioneering and reputed marine institutes in India which is actively engaged in teaching, research and extension activities. This centre is established in an ideal location with easy access to the different biotopes such as estuary, mangrove, backwaters and coastal waters. It has made rapid strides in various facets of marine science. Research contribution through the years to marine science pertaining to the tropical environment by this centre resulted in the establishment of exchange program with research institutions of the United Kingdom and the United States of America. The major thrust areas identified for the Centre by the experts of the UGC in physical oceanography,

chemical oceanography, biological oceanography, physiology, biochemistry, marine microbiology, pharmacology, fishery science, ecology, aquaculture and marine biotechnology. The Ministry of Environment and Forests, Government of India recognizing the expertise available here has established on Environmental Information Systems (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 program of DST. The Department of Biotechnology has approved our Centre and funded to start a Post Graduate course on Marine Biotechnology. The Ministry of Science and Technology has declared our Centre as the Centre of Excellence. Now our Centre has been recognized by University Grants Commission as Centre of Excellence in Marine Biodiversity and by MHRD as a Centre of Excellence in Frontier areas of Science & Technology.

## BACKGROUND OF THE WORKSHOP

The Workshop provides an intellectual platform for the academia, teacher-educators and research scholars to present their work and exchange ideas and develop a current vision for the future of the society. It helps to answer many unanswered questions which are greatly concerned to the society as a whole.

This workshop will empower the scientific community to develop lab scale products into industrially applicable products such as vaccines in animal Biotechnology. Humans and other organisms have two immune systems. The innate immune system includes such natural barriers as skin and mucosa that generate a broad-ranging attack against invading infectious agents. The adaptive immune system, by contrast, mounts a specific response against a foreign molecule or antigen (Ag). This system involves both B and T lymphocytes.

This workshop will provide National and International researchers, clinicians, and public specialists with an up-to-date view on the rapidly expanding knowledge of the immune system and its close relationship to the clinical disease occurrence, development, diagnosis, treatment and prevention, and the development and industrialization of biological technology.

We believe this workshop will be an event that promotes international academic exchanges and cooperation in the field of Fish immunology. Theory and practical on immunology and immunotechnology will be focused to develop antigen and antibody. The following chapters will be completed in this programme. Themes of Research, Tools and Technologies, Familiar Methods, Innate and Adaptive Immunity, advance Assays for Immunology etc.

## OBJECTIVE

- To explore the current status of fish immunology and fishery resources.
- To develop best practices in disease diagnosis Methods (ELISA and PCR).
- To analysis immunity enhancement Techniques

## REGISTRATION FEE

Academicians/scientists/faculty - 1000

Research scholars/students – 500

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

All authors/ delegates will have to register themselves separately. The registration form duly filled in should be sent to the organizing secretary along with DD in favour of **The Registrar, Annamalai University** payable at Annamalai Nagar/ Chidambaram branch on or before 5th December, 2022.

**Last date for Registration 05.12.2022**