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Department of Biochemistry and Biotechnology  
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Annamalai University



**ANNAMALAI UNIVERSITY**

(Accredited with 'A' Grade by NAAC)

On the Eve of 90<sup>th</sup> Anniversary  
(1929-2019)

National Level Hands - on Training Programme on

## **"Animal Cell Culture Techniques" (ACCT - 2019)**

3<sup>rd</sup> & 4<sup>th</sup> May- 2019



Organized by  
Department of Biochemistry and Biotechnology &  
Department of Microbiology  
Faculty of Science  
**ANNAMALAI UNIVERSITY**  
Annamalai Nagar-608 002  
Tamilnadu

In Association with



Research & Innovation PVT Ltd, Thanjavur

### 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. 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 13th 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 32nd 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 the Department of Biochemistry and Biotechnology

The Department of Biochemistry & Biotechnology was started in 1994. The Department of Biochemistry and Biotechnology is offering programmes at M.Sc., M.Phil. and Ph.D. levels and has continuously strived for excellence in both teaching and research. The syllabus is constantly updated to keep pace with modern trends and designed to impart training in theoretical and practical skills in addition to equipping students to face competitive examinations such as CSIR-NET. The dynamic and vibrant research focus of the department is reflected by publications, patents, awards, wide spectrum of global collaborations, Scopus rating, and generous funding from national and international agencies. The alumni of the department are well placed in India and abroad in universities, colleges, and R&D Organizations. The Department is actively involved in Cancer Biology, Diabetes Mellitus, Neurobiology, Toxicology, Chronobiology, Cardiovascular Biology, and Radiation Biology.

### About the Department of Microbiology

The Department of Microbiology is one of the recently emerged Department in Annamalai University. In order to impart the importance of microbes in day to day life, University started a Division of Microbiology under faculty of Science. The Division of Microbiology, then flourished in to Department in the year 2012. The Department offers two

post graduate programmes namely M.Sc. Microbiology (Integrated) and M.Sc. Microbiology (CBCS). The M.Sc (INT) MB was introduced in 2002, M.Phil & Ph.D. Programmes in 2007 and CBCS program in 2009. The curriculum and syllabus are constantly updated to equip the students to be researchers and also to face competitive examinations. The department is well equipped with laboratories to promote research activities. The faculty members have been continuously involved in initiating research in various fields like Medicinal plants, Organic farming, Bio preservatives, Antimicrobial Resistance, Fermentation technology, etc. The department has so far produced 49 Ph.Ds, and 350 Papers have been published in reputed journals. The department provides strong foundation for the Microbiologists to face the challenges in the dynamic technological world

### Objectives of the Workshop is

- To give training to understand the cell culture techniques
- To emphasis the basic and applied aspects of Cell culture
- To gain more theoretical and practical knowledge

### Topics to be covered :

- Media preparation, cell thawing and observation of cells
- Subculture of cells
- Cell seeding for MTT assay
- Cryopreservation of cells
- Resuscitation of frozen cells

### Target group:

The participants include P.G Students, Research scholars and Faculty members.

### Registration

Registration kit and working lunch will be provided to all delegates. Maximum 15 participants are permissible on first come first serve basis. Accommodation will be arranged for faculty and students on request (payment basis). Download registration form at, [www.annamalaiuniversity.ac.in](http://www.annamalaiuniversity.ac.in).

### Important Dates

**Last date for Registration**

**25.04.2019**

All the participants will have to register themselves separately. The registration form duly filled and should be send to **Dr. P.K. SETHILKUMAR**, Organizing Secretary on or before **25.04.2019**. No registration fee.

### For Details Contact:

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