

About the Institution:
Avinashilingam Institute for Home Science and Higher Education for Women (Deemed to be University under category “A” by MHRD estd. u/s of UGC Act 1956) was established as an aided college by the great patriot and educationalist **Padmabhushan Dr.T.S.Avinshilingam** under the auspices of the Avinshilingam Education Trust in 1957. The growth of the Institution has been carefully nurtured to its current heights by the world renowned educationist and nutritionist, the Former Chancellor of the University, **Dr.Rajammal P. Devadas**. It is now a prime institution in the country for imparting quality education to women at all levels. The Institution follows the ideals and principles of Sri Ramakrishna, Holy Mother Sri Saradamani Devi, Swami Vivekananda and Mahatma Gandhi and upholds a life of purity, discipline and service. The Institute operates under seven Schools, namely, Home Science, Physical Sciences & Computational Sciences, Biosciences, Arts & Social Sciences, Commerce & Management, Education and Engineering.

About Advanced Research Laboratory:
ARL was established with **high end state of the art equipment** - to promote high quality research in various disciplines by providing facilities and technical expertise in support of basic and advanced research activities. The laboratory promotes scientific thinking and experimental exposure for the faculty and students as well.

About the Workshop:
This workshop will focus on the basic techniques in biological science research demonstrating colorimetry, spectrophotometry, chromatographic and electrophoretic separation of biomolecules with along imparting the troubleshooting tips and critical problem solving skills. This will enable the research scholars to acquire basic analytical skills necessary to carry out quality research work.

Chief Patron
Dr.T.S.K.Meenakshisundaram
Chancellor

Patrons
Dr.V.Bharathi Harishankar
Vice Chancellor

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Dean, School of Biosciences

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Dr.S.Gayathri Devi
Professor and Head
Department of Biochemistry, Biotechnology and Bioinformatics

Coordinator
Dr.R.Nirmaladevi
Associate Professors
Department of Biochemistry, Biotechnology and Bioinformatics



Avinashilingam Institute for Home Science and Higher Education for Women
Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD (now MoE)
Re-accredited with ‘A++’ Grade by NAAC CGPA 3.65/4, Category 1 by UGC
Coimbatore - 641 043, Tamil Nadu, India

ADVANCED RESEARCH LABORATORY

Cordially invites you to the
One – Day workshop on
Advanced Techniques in Bioscience Research

Contact: arl_avinuty.ac.in

Organised by
Advanced Research Laboratory
in association with

**Department of Biochemistry,
Biotechnology and Bioinformatics**

Venue: ARL Lab



ADVANCED
TECHNIQUES IN
BIOSCIENCE RESEARCH

Conducted every year 2 times

- HPTLC - Analysis of Secondary metabolites
- Flow Cytometry- Cancer cell line studies
- Gel Electrophoresis (PAGE)- Protein/DNA
- ELISA reader- Cell viability assays and Antioxidant assays

