

## ORGANIZING TEAM

### CHIEF PATRON

**Padma Shri. Dr. P. R. Krishnakumar**  
Chancellor

Avinashilingam Institute for Home Science and Higher  
Education for Women, Coimbatore

### PATRON

**Dr.(Mrs.) Premavathy Vijayan**  
Vice Chancellor

Avinashilingam Institute for Home Science and Higher  
Education for Women, Coimbatore

### HONORARY CONVENOR

**Dr. (Mrs.) S. Kowsalya**  
Registrar

Avinashilingam Institute for Home Science and Higher  
Education for Women, Coimbatore

### CONVENOR

**Dr.(Mrs.) S. Annapurani**  
Professor and Head

Department of Biochemistry, Biotechnology &  
Bioinformatics

### ORGANISING SECRETARIES

**Dr.(Mrs.) N. Santhi**

Assistant Professor

Department of Biochemistry, Biotechnology &  
Bioinformatics

**Dr.(Mrs.) R. Nirmala Devi**

Assistant Professor

Department of Biochemistry, Biotechnology &  
Bioinformatics

## EXECUTIVE COMMITTEE MEMBERS

**Dr. B. Suganthi**

**Dr. V. Bhuvaneshwari**

**Dr. Sivagami Srinivasan**

**Dr. K. Usha**

**Dr. A. Pushpa**

**Dr. P.R. Padma**

**Dr. AnithaSubash**

**Dr. S. Gayathri Devi**

**Dr.T. Angayarkanni**

**Dr. K.Kalaiselvi**

**Dr. S. Sumathi**

**Mrs. S. Velvizhi**

**Dr. A. Shobana**

**Dr. D. Kavitha**

**Dr. M.Rajeswari**

### For further details

**Dr.N. Santhi & Dr. R. Nirmala Devi**

Department of Biochemistry,  
Biotechnology and Bioinformatics  
Avinashilingam Institute for Home  
Science and Higher Education for Women,  
Coimbatore- 641 043

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## Diamond Jubilee Celebrations

### One-day National Seminar on Current Approaches in Proteomics

**December 20, 2017**



Organized by

**Department of Biochemistry,  
Biotechnology & Bioinformatics**  
Avinashilingam Institute for Home Science and  
Higher Education for Women  
Coimbatore – 641 043  
Tamil Nadu  
India

### About the Institution

The Avinashilingam Institute for Home Science and Higher Education for Women was established by the great patriot and educationist Dr. T.S. Avinashilingam under the auspices of the Avinashilingam Education Trust in 1957. The Institute follows the educational ideals of Sri Ramakrishna, Holi Mother Sri Sarathamani Devi, Swami Vivekananda and Mahatma Gandhi and upholds a life of purity, discipline and service. The Institute offers undergraduate, postgraduate and research programmes in seven disciplines, namely, Home Science, Science, Humanities, Education, Business Administration, Engineering and Community Education also inculcating Indian culture, moral and spiritual values, a way to uplift and empower women with quality education.

### About the Department

The Department was established in 1969, with the introduction of M.Sc. Biochemistry. It is presently offering undergraduate, postgraduate and research programmes (M.Phil. and Ph.D.) in Biochemistry and Biotechnology majors and post-graduate and M.Phil programme in Bioinformatics. Additionally, the Department is also offering an add-on certificate course in Bioinformatics and Computational Biology for the undergraduates. A team of highly qualified, well trained and dedicated professionals are available to provide quality training and excellent research. The laboratories are equipped with the state-of-the-art equipments for training and research.

### About the Seminar

As we are in omics era, proteomics is one such field in omics tools which is the study of proteins on a genome-wide scale. It is the next logical step after genomics in understanding life processes at the molecular level. Proteomics will be fundamental to understand when and where the encoded proteins are expressed, and to generate an interconnected pathway, network and molecular systems that, taken together, control the workings of all cells, tissues, organs and organisms. Successful unraveling of the human proteome will improve our understanding at the cellular level and lay the foundations for improved diagnostic, prognostic, therapeutic and preventive medical outcomes. The seminar on Current approaches in proteomics is the unique opportunity for the researchers and scientists to present and exchange their innovative ideas. The main focus is on recent advances in isolation, purification, structure determination techniques, computational aspects of protein structure and function, protein folding and misfolding,

assembly, evolution, high-throughput data analysis and related fields in understanding the way the proteins shape biology.

### Call for papers

We cordially invite research papers / review papers from academicians, scholars and students for oral and poster presentations. The topics include:

- Protein separation and identification
- Protein structure and function
- Metabolic pathways, interactions
- Applications (including drug discovery, diagnosis)
- Informatics (modeling, database, analysis software)
- Clinical proteomics
- Related fields

Research papers intended for oral presentations are welcome with complete details not more than three pages.

Selected posters will be invited for short talks

The selected papers after peer-review shall be recommended for publications in the proceedings.

All papers should be submitted to the mail id capseminar2017@gmail.com

### Important Dates

Registration and submission opens : October 19, 2017

Submission closes : November 15, 2017

Registration closes : December 10, 2017

Publication Proceedings : January 20, 2018

### Registration Fee

Participants will have to pay a registration fee in the form of Demand Draft drawn in favour of **TheRegistrar, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore – 641 043.** or online transfer.

**Students/ Scholars : Rs. 300**

**Faculty members : Rs. 500**

## REGISTRATION FORM

Name: \_\_\_\_\_

Gender: \_\_\_\_\_ Age: \_\_\_\_\_

Educational Qualifications: \_\_\_\_\_

Designation: \_\_\_\_\_

Department/Division: \_\_\_\_\_

Area of Teaching/Research: \_\_\_\_\_

Official Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Cell No : \_\_\_\_\_

### REGISTRATION FEES

DD number: \_\_\_\_\_ Amount: \_\_\_\_\_

Bank: \_\_\_\_\_

Money transfer details

Signature