

### Chief Patrons

**Tmt. Thilagavathy Ravindran**  
President

**Tmt. Aruna Ashok**  
Secretary

### Patron

**Dr. (Mrs.) R. Sudha Periathai**  
Principal

### Convenor

**Dr. (Mrs.) B. Deepa**  
Head and Associate Professor  
PG and Research Department of Botany

### Co-ordinators

**Dr. U. Umadevi**, Asst. Prof. of Botany  
**Dr. A.P. Gowsalya Devi**, Asst. Prof. of Botany

### Committee members

**Dr. K. Geetha**, Asst. Prof. of Botany  
**Dr. K. Mydeen Fathima Begam**, Asst. Prof. of Botany  
**Dr. P. Uma Maheswari**, Asst. Prof. of Botany  
**Dr. A. Asha**, Asst. Prof. of Botany  
**Ms. M. Sathiyabama**, Asst. Prof. of Botany



### Resource Persons

**Dr. Amaladoss Anburaj**  
Senior Scientist  
School of Applied science, Temasek Polytechnic,  
Singapore.  
**Topic:** Herbs in aqua culture and disease management

**Dr. T. Parimelazhagan**  
Professor & Head  
Department of Botany,  
Bharathiar University, Coimbatore.  
**Topic:** Therapeutic insights of medicinal plants:  
From Tradition to Technology

**Prof. Blassan George**  
Laser Research Centre,  
Faculty of Health Sciences,  
University of Johannesburg, South Africa.  
**Topic:** Pheophorbide-a mediated  
photodynamic therapy for cancer cells

**Dr. C. Ravinder Singh**  
Chief Scientist  
Aakash Plantations L.L.C,  
Business Bay, Dubai, U.A.E.  
**Topic:** Scope and importance of Bioresources

**Dr. S. Hemalatha**  
Professor & Dean, School of Life sciences  
B.S. Abdur Rahman Crescent Institute of Science and Technology,  
Chennai.  
**Topic:** Traditional and alternative ways to control  
communicable and non-communicable diseases

**Dr. P. Thirugnanasambantham**  
Managing Trustee and Scientist  
Eswar Health Education and Research Trust (EHEART),  
Chennai.  
**Topic:** Phytochemicals on preventive health benefits

**Dr. S. Viswanathan**  
Scientist cum Teaching Faculty  
Madras Medical College, Chennai.  
**Topic:** Flavonoid research - Past, present  
and future prospects



## **THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS), SIVAKASI**

(Affiliated to Madurai Kamaraj University, Re-accredited with  
“A+” Grade by NAAC, College with Potential for Excellence  
by UGC and Mentor Institution under UGC PARAMARSH)

**In collaboration with**  
**Eswar Health Education and  
Research Trust (EHEART),  
Chennai**

## **Organize** **INTERNATIONAL CONFERENCE ON** **“GLOBAL OPPORTUNITIES AND** **CHALLENGES IN HOLISTIC** **HERBAL MEDICINE”**

**on**  
**5<sup>th</sup> and 6<sup>th</sup> February, 2025**

**By**  
**PG and Research Department of Botany**  
**The Standard Fireworks Rajaratnam**  
**College for Women (Autonomous)**  
**Sivakasi.**

### About the College

The Standard Fireworks Rajaratnam College for Women, Sivakasi started functioning in the year 1968. As an institution of higher education for women with 56 years of expertise in education, the institution aims at instilling in rural women a thirst for knowledge, the fervor to preserve the tradition and culture of India, cherish the ethical and spiritual values and uphold a life of purity and discipline. Thus, the institution renders dedicated service to the less-privileged sections of the rural community. Vision is to emerge as a premier institution offering need-based, value-conscious and career-oriented education to empower rural women students. Mission is to develop human resources of high caliber with moral ethics and employability potentials, empower rural women with Academic Excellence, Communicative Competence, Entrepreneurial Skills, Eco-consciousness, Evolving Technologies, Promote Research Culture, produce wholesome citizens to contribute towards nation building.

### About the Department of Botany

The Department of Botany has been functioning since 1979 and the Department has started Post Graduate course in Botany during 2010-2011. In **January 2025**, the department has been upgraded as Research Centre. It has a well-equipped Lab with sophisticated instruments. Latest Books and International Journals are available in the Department library. The students have secured 145 university ranks including 13 First Ranks when it was under Madurai Kamaraj University and the Department has been consistently maintaining a high rate of academic success. The department excels in research work too and has undertaken research in the field of Plant Diversity, Environmental Biology, Medicinal Botany, Physiology, Plant Anatomy and Histochemistry, Taxonomy, Immunology and Nanobiotechnology.

### About the Conference

Traditional system of medicine is the sum of knowledge, skills, and practices based on theories, beliefs and experiences that are indigenous to various cultures. It is used to maintain health, as well as to

prevent, diagnose, improve or treat physical and mental conditions. Till now, the majority of the population in several regions of the globe continues to rely on traditional medicine to cover their primary health care needs. Over the last few decades, traditional medicine has grown in popularity all across the world. Herb authentication is a quality control procedure that assures the correct plant species and plant parts are utilized as raw materials in herbal medications. The safety and efficacy of herbal medications are dependent on the correct identification of herbal raw materials. Concerning the above said aspects, conference is planned with the following themes to focus widely to decipher the knowledge of cultivation, conservation and utilization of herbal medicine.

### Themes of the conference

- Modern Pharmacognosy
- Analytical pharmacognosy
- Prospects of Marine pharmacognosy
- Phytopharmaceuticals studies
- Medicinal plants used in Cosmetic and Aromatherapy
- Biological screening of Herbal drugs
- Medicinal chemistry
- Drug Herb Interaction
- Role of medicinal plants in national economy
- Pharmaceutical Botany
- Plant micromorphology
- Medical ethnobotany
- Ethnopharmacological approach of drug discovery
- Zoo pharmacognosy
- Pharmacognosy and Phytochemistry of Medicinal Plants
- PhytoNanomedicine
- Complementary and Alternative Medicine
- Ayurveda & Physiotherapy
- Folk Medicine
- Yoga & Mindfulness
- Ethnoveterinary

### Target Audience

This call for abstracts is open to all students, research scholars and faculty members

### Guidelines for Abstract Submission

Original research abstracts focusing on the conference's theme and its other related fields are invited. Abstracts will be published in the conference proceeding with ISBN. Participation/presentation certificates will be issued, and the best oral and poster presentation will be awarded.

Title: Times New Roman, 14pts, Bold  
Authors: Times New Roman, 12pts, Bold  
Author's Institution: Times New Roman, 12pts  
Abstract: Times New Roman, 12pts, about 250 words, line spacing 1.5, Keywords 4-6 in italics.

Soft copy of the abstract file with author affiliation should be emailed to [botdept-gwstle@sfrcollege.edu.in](mailto:botdept-gwstle@sfrcollege.edu.in) in word format on or before 18.01.2025.

**Poster Presentation** – Size of the poster should be 3 feet X 2 feet with abstract, objectives, methodology, result and conclusion.

### Registration fee

Students	: <b>Rs.500/-</b>
Research Scholars & Faculty	: <b>Rs. 750/-</b>
Spot Registration	: <b>Rs. 250/- additional</b>
Bank Details	: <b>TMB, Sivakasi</b>
Account number	: <b>003100050335480</b>
IFSC Code	: <b>TMBL0000003</b>

### Registration link

<https://forms.gle/eQ4xTYdmCxZyhvK19>

### Important dates

Deadline for Abstract submission: **18.01.2025**  
Last Date for Registration: **20.01.2025**

### For any Queries

**Dr. U.Umadevi – 89407 03987**  
**Dr. A.P. Gowsalya Devi – 94431 19605**

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