



**MCC - MRF**  
INNOVATION PARK  
Madras Christian College



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Member, Expert Committee on Access and Benefit sharing, National Biodiversity Authority; National Evaluation Committee for PBRs.

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Retd. Prof, Dept. of Bioinformatics, Bharathidasan University.

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## Contact Us

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# Natura Prospecta'25

A Two-Day National Conference on  
**Bioprospecting of Natural  
Products for Sustainable  
Environment and Health**

March 6 & 7, 2025

**HYBRID  
MODE**

*Organized by*

**Department of Microbiology &  
Centre for Computational Informatics,  
MCC- MRF Innovation Park,  
Madras Christian College (Autonomous)  
&  
Society for Conservation and Resource  
Development of Medicinal Plants**

## Speakers

### Dr. Govind Pratap Rao

Editor in Chief, Medicinal Plants

ICAR-Emeritus Scientist, Secretary, Society for Conservation and Resource Development of Medicinal Plants, New Delhi.

### Dr. Ramesh Kumar Srivastava

Principal Scientist & Head (Business Development Group) CSIR-Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow

### Dr. Parimelazhagan Thangaraj

Professor in Botany, Bharathiar University, Coimbatore.

### Dr. K. Rajamani

Professor & Head, Department of Floriculture, Tamil Nadu Agricultural University, Coimbatore.

### Dr. Muthu Dhanraj

Managing Director. Primas Bioscience Pvt. Ltd, Chennai.

### Dr. Ashwani Kumar

Patanjali Herbal Research Department

Patanjali Research Institute, Haridwar 249405, India

## Patron

### Dr. P. Wilson

Principal & Secretary, MCC

## Convenor

### Dr. J. Jannet Vennila

Vice-Principal (SFS)

## Organizing Secretaries

### Dr. V. Mahalakshmi

Associate Professor & Head, Department of Microbiology

### Dr. M. Beutline Malgija

Bioinformatics Analyst, MCC-MRF Innovation Park

## Madras Christian College:

Madras Christian College (MCC), is one of India's premier educational institutions, founded by Scottish missionaries in 1837. Over the years, it has evolved into an institution committed to academic excellence, spiritual vitality and social relevance. In the year 2018, MCC was re-accredited by NAAC with an 'A' grade. It ranks 14th in the NIRF ranking, reflecting its high academic standards, robust research output, and unwavering dedication to quality education. The Center for Computational Informatics is a research hub dedicated to advancing the frontiers of computational science with a mission to drive innovation through cutting-edge research, impactful collaborations, and hands-on training. The college started the Institution's Innovation Council in the year 2020, and the MCC-MRF Innovation Park (MMIP) in the year 2021 for fostering advanced research and innovation start-ups and nurturing entrepreneurs. MMIP helps in fostering advanced research and innovation start-ups and nurturing entrepreneurs.

### Department of Microbiology

The Department of Microbiology in MCC started functioning from the year 2002. Since its inception, it is known for its academic standing, leadership building, and commitment to research and social relevance. The curriculum is designed with unique courses that upgrade the skills of the students to explore new avenues in the field of Microbiology and to make them research- and industry-ready. The Department is a full-fledged research unit offering Ph.D. programmes in the area of Microbiology and Applied Microbiology since 2018. Research in all disciplines of Microbiology including the relevant conference thematic areas is currently being carried out. The Department is known for its industry academia collaborations, faculty- and student-driven innovations, and its patenting culture.

### Society for Conservation and Resource Development of Medicinal Plants

Society for Conservation and Resource Development of Medicinal Plants was established in 2005 with aim and objectives to constitute a forum at international and national level for bringing together individuals and organizations involved in medicinal crops. It strives to develop international research/development linkages and disseminate up to date technologies in the field of medicinal plants, to explore new areas to medicinal crop cultivation technologies, development activity and logistic management, to focus on the utilization of devices in herbal industry for medicinal plants products processing, including extraction of active ingredients and products of medicinal importance. They also aim to offer recognition and awards to professional groups and individuals for attainment of excellence in the field of medicinal crops and related industries. and to interact with government agencies,

scientific organization and NGOs to promote and protect interests of medicinal crop growers and producers. They have been organizing symposia, seminars and workshops and bring out timely publication(s) to meet the objectives of the research foundation.

### About the Conference

Bioprospecting, also known as Biodiversity prospecting is the investigation of obtaining novel natural products from traditionally available natural resources such as medicinal plants and other bioresources, thus finding applications in the field of food, medicine and agriculture. For their sustainable use, these natural resources should be conserved and impartial sharing of the welfare reaped by the usage of these genetic resources has to be taken care of. Since the National Education Policy 2020 emphasizes on **Indian Knowledge System** (IKS), bioprospecting is the need of the hour to explore novel, natural products from indigenous medicinal plants for improving human health, nutrition and safeguarding the environment from further degradation using eco-friendly products. The last three/four decades have seen a tremendous revolution in medicine and agriculture since most of the anti-cancer agents are derived from natural resources and increased crop productivity is made feasible using disease resistant varieties. However, these natural resources including medicinal plants are confined to unique environmental niches needed for their cultivation. Therefore, these ecological niches have to be conserved. In addition, the financial gain obtained from the utility of these natural products should be returned back for conservation of these dwindling natural resources to prevent biopiracy in addition to enforcing strict legislation. In the above context, this conference is organized to explore the avenues for utilizing natural resources through cutting-edge research and innovation.

### Important dates:

Last date for submission of Abstract : **Feb 14, 2025**

Intimation of Acceptance of the Abstract: **Feb 18, 2025**

Last date for submission of Full paper: **March 3, 2025**

Selected papers will be published in the Scopus-Indexed Journal: **Medicinal Plants - International Journal of Phytomedicines and Related Industries** after peer review.

## Thematic Areas

- **Phyto/herbal medicine for sustainable health**
- **Efficacy and safety of novel pharmaceuticals from herbal and other bioresources**
- **Pharmacognosy**
- **Nutraceuticals as sustainable foods**
- **Medicinal plants and natural products for environmental sustainability**
- **Medicinal plants and natural products in health and disease prevention**
- **Conservation and cultivation of medicinal plants**
- **Ethnobotany and ethno medicines**
- **Marine bioprospecting for pharmaceuticals**
- **Computational Biology in traditional medicine.**

## Call for papers:

We invite original and unpublished research articles from Academicians, Professionals, Industry practitioners, Research scholars on the theme and sub-themes of the seminar or any related topics.

## Best paper and poster award:

Best Paper and poster award will be presented for each technical sessions based on the quality of the research paper and presentation. The presentation will be in **hybrid mode**.

## Registration details:

- UG/PG students: **Rs. 500/-**
- Research Scholars: **Rs. 750/-**
- Faculty: **Rs. 1000/-**

**An additional amount of Rs. 250/- under each Category for Online Participants.**



To Register



To Pay

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