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National Seminar

On

Recent Trends in Plant Systematics and Transdisciplinary Research

5th April 2022



Organized by

DEPARTMENT OF BOTANY AND RESEARCH CENTRE
NESAMONY MEMORIAL CHRISTIAN COLLEGE

(Re-Accredited with 'A' grade by NAAC)

MARTHANDAM - 629165

KANYAKUMARI DISTRICT, TAMILNADU

Email : nmccbotany2022@gmail.com

website : www.nmccresearch.in, www.nmcc.ac.in

Registration Fee for Seminar: Rs. 200/-

Bank Details for Fee Payment

Name : Principal, NMCC Marthandam
Account Number : 57051395519
Bank : State Bank of India
Branch : Marthandam
IFSC Code : SBIN0070014

Spot registration will also be done. However for the smooth organization of the seminar the participants are requested to give their conformation to the organizing Secretary on or before 31th March 2022.

Online Registration Link:

<https://forms.gle/4VR7xrgzTznb3vRu6>

Date of Seminar : 5th April 2022.

About the College

Nesamony Memorial Christian College was founded in the year 1964 to provide quality higher education for the deprived and underprivileged sections of the society. It is one of the prestigious higher education institution affiliated to Manonmaniam Sundaranar University, Tirunelveli.

The college is one of the top co-educational institutions of Tamilnadu, accredited with 'A' Grade awarded by the NAAC. The college now offers 18 UG, 13 PG, 12 M. Phil., 11 Ph. D and 11 career Oriented Programmes with the student strength of 4050. With the dedication and vision of the management, principal and faculty members, this institution has grown with unique reputation in the state of Tamilnadu. The college stands for providing opportunities to the students towards academic excellence, creativity, spiritual vitality, social relevance, discipline and for holistic development.

About the Department

The Department of Botany was established in the year 1971 with the vision of teaching and innovative research and outreach on the patterns and process of life with a focus on flora and environments. The mission is to foster an environment of excellence by attracting and supporting outstanding students to sustain the vision. The department has well developed infrastructure facilities to carryout research projects leading to M.Phil. and Ph.D., besides helping students to acquire UG and PG degrees. The department

has been receiving grants from UGC, MoES, DST and other funding agencies for research projects. The department has produced 21 Ph.D. and 85 M. Phil. scholars. The faculty members, scholars and students have published a total of 140 research papers in peer reviewed National and International Journals.

About the Seminar

Plant Systematics is a science that includes and encompasses traditional taxonomy its primary goal is to reconstruct the evolutionary history of plant life. It divides plants into taxonomic groups, using morphological, anatomical, embryological, chromosomal & chemical data.

Transdisciplinarity connotes a research strategy that crosses many disciplinary boundaries to create a holistic approach. It applies to research efforts focused on problems that cross the boundaries of two or more disciplines, such as research on effective information systems for biomedical exploration, and can refer to concepts or methods that were originally developed by one discipline, but are now used by several others, such as ethnography and a field research in anthropology. Transdisciplinary approach is enabling inputs and scoping across scientific and non-scientific stakeholder communities and facilitating a systemic way of addressing a challenge.

In particular we focus on:

- Plant systematics and phylogenetic relationships with special reference to chemotaxonomy
- Comparative analyses of plant genomes
- The role of Transdisciplinary Research to address a common problem.
- To impart basic knowledge and skill of various aspects in Plant Systematics
- To provide an intensive and indepth learning about Transdisciplinary Research

Poster Presentation

Posters should be designed in relation to theme of the topic.

Posters of the standard size of 90 cm in width and 120 cm in height shall be displayed in the seminar venue.

Best poster presentation will be awarded during valedictory function.

Participants

The participants would include Environmentalists, Scientists, Researchers, Academicians, Students and Industrialists.

Resource Persons

Dr. Mathew Dan

Principal Scientist & Head,
Plant Genetic Resources Division,
Jawaharlal Nehru Tropical Botanical Garden
and Research Institute, Palode,
Thiruvananthapuram, Kerala.

Dr. A. P. Lipton

Former Principal Scientist
CMFRI (ICAR), Cochin.