

# SCIENCE ACADEMIES' LECTURE WORKSHOP

ON

## "Recent Trends in Plant Taxonomy, Conservation Biology and Ethnobotany"

13<sup>th</sup> and 14<sup>th</sup> July, 2018

Sponsored & Supported by



Indian Academy of Sciences  
Bangalore



Indian National Science Academy  
New Delhi



The National Academy of Sciences  
Allahabad

Organized by



**Department of Botany**

**Mount Carmel College (Autonomous) Bengaluru**

58, Palace Road, Vasanth Nagar, Bengaluru -560052

Convener

**Dr. R.R. Rao**

INSA Honorary Scientist,  
Bengaluru

Co-ordinator

**Ms. Jayanthi. D**

Assistant Professor,  
Dept. of Botany, MCC



## **About the academy**

The Indian Academy of Sciences was founded in 1934 by Professor Sir C. V. Raman to promote the progress and uphold the cause of science, both in pure and applied branches. The main activities of the Academy are publication of scientific journals, identifying and recognizing scientific talents, holding scientific meetings and symposia, improving the state of science education in universities and colleges and to look into issues concerning women scientists in the country. Organizing lecture workshops, like the present one, is an important programme of the Science education panel of the Academy. Other programmes of the panel include awarding summer research fellowships to students and teachers to work with distinguished scientists and organizing refresher courses for teachers.

## **About Mount Carmel College, Bengaluru**

Mount Carmel College is a premier institution for women's education in India. Established in 1948, it is run by the sisters of the CSST order. The institution has stood the test of time which is reflected in its dynamism and energy. Mount Carmel has always been the forerunner of constructive changes in academics to help generations enrich their knowledge and enhance skills to meet the challenges of a rapidly evolving world.

Mount Carmel College, Bengaluru, envisions a life-oriented education that empowers the students through a humanizing and liberative process, to be agents of transformation and development at different levels of life. Enabled and empowered, they respond proactively to concerns and conflicts inherent in today's reality, especially those of women and persons who are unable to exercise their freedom to be human and work for the integrity of creation. The thrust is in the light of a "Civilization of love", the Kingdom of God, as envisaged and promoted by the Foundress, Mother Teresa of St. Rose of Lima.

## **About the workshop**

### **Objective**

The workshop will provide better insights to the students, researchers, faculty working in Botany, Environmental Science and Life science Departments, on the latest developments as well as the future outlook of all related aspects of Plant Taxonomy, Conservation Biology and Medicinal Plants.



## Theme

- The workshop aims to bring both, classical taxonomists and techno savvy followers of newer techniques related to taxonomy, on a common platform, for sharing their respective views with the gathering, and offer authentic guidance to the next generation of budding scientists.
- It will bring fellows of national academies, faculty and students of Bengaluru on to a common platform to discuss latest developments on plant taxonomy and biodiversity Conservation.
- To provide a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Taxonomy and Biodiversity conservation for a better tomorrow.
- It will also enlighten knowledge on Medicinal Plants and their uses in Primary Health Care and to encourage the cultivation, production, processing and storage of medicinal plants.
- To motivate graduate students to pursue plant science as career option.
- With all this it would provide best update to faculty on latest developments in Plant Taxonomy, Medicinal Plants and Conservation Biology.

## Resource Persons

**Dr. R.R. Rao**, FBS, FES, FIAAT, FNRS, FLS, FNASc., FASc., FNA

INSA Honorary Scientist

**Formerly** :Associate Professor, NEHU, Shillong, Joint Director, BSI, Dehra Dun & Kolkata Director Grade Scientist, NBRI Lucknow, CIMAP, Bangalore. Pitambar Pant National Environment Fellow, Chairman, Karnataka State Environment Appraisal Committee. CSIR Emeritus Scientist, Bangalore INSA Honorary Scientist, Bangalore

**Dr. K.R. Shivanna**, FNA, FASc, FNAAS, FNASc,

INSA Honorary Scientist Ashoka Trust for Research in Ecology & the Environment, Srirampura, Jakkur

**Dr. M. Sanjappa**, FASc, FNASc, FIAAT, FBS

Emiritus Scientist University of Agricultural Sciences, Bangalore, UAS · Botanical Garden

**Dr. Prof. K.V. Krishnamurthy**

Emeritus Scientist, Department of Plant Science, Bharathidasan University, Tamil Nadu & FRLHT, Bangalore Consultant, R & D Samy Lab, Bangalore.

## PROGRAMME SCHEDULE – 13<sup>th</sup>&14<sup>th</sup> July, 2018

DAY 1, 13 <sup>TH</sup> July 2018, Friday		DAY 2, 14 <sup>TH</sup>	
8.00 – 9.00 am	Registration	9.30 -10.45 am	<b>Dr. R. R. Rao</b> <i>“Plant Taxonomy, Biodiversity and Bioprospection”</i>
9.00 – 10.00 am	Inauguration followed by Keynote address by <b>Dr. R. R. Rao</b>	10.45 – 11.00 am	Tea Break
10.00–11.15 am	<b>Dr. R. R. Rao</b> <i>“Plant Nomenclature”</i>	11.00 – 12.15 am	<b>Dr. M. Sanjappa</b> <i>Carnivorous plants</i>
11.15 – 11.30 am	Tea Break	12.15 – 1.15 pm	Lunch Break
11.30 - 12.45 pm	<b>Dr. K. R. Shivanna</b> <i>“Human-induced environmental changes and their impact on the diversity of flowering plants”</i>	1.15 - 2.30 pm	<b>Dr. K.V. Krishnamurthy</b> <i>“Indian Ethno botanical knowledge and its possible Pharmacology and Reverse</i>
12.45 – 1.45 pm	Lunch Break	2.30 – 3.45 pm	<b>Dr. K.V. Krishnamurthy</b> <i>“Ancient Biodiversity in Modern Science</i>
1.45 – 3.00 pm	<b>Dr. M. Sanjappa</b> <i>“Flowering Plant Diversity in Western Ghats”</i>	3.45 – 4.15 pm	Discussion & Valedictory
3.00 – 4.15 pm	<b>Dr. K. R. Shivanna</b> <i>“Wild relatives of crop species are important bioresources for genes needed for crop improvement in the coming decades”</i>	4.15 – 4.30 pm	Tea Break

### **Participants**

Faculty members from academic institutions, Research Scholars, PG students of Botany, Life Science and Environmental Science and the people who are interested to take up research or pursuing research in the field of Botany.

### **Note**

- ☼ No Registration fee for the participants.
- ☼ Participants are kindly requested to confirm their participation with all details through email at the earlier, as there is limited number for intake

### **For Details & Registration Contact :**

#### **Ms. Jayanthi D.**

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