

**Science Academies Lecture Workshop on  
“Modern Trends and Innovations in Biological Sciences 2017”  
(MTIBS - 2017)**

5<sup>th</sup> and 6<sup>th</sup> October 2017

Sponsored and Supported by



Indian National Science Academy  
New Delhi



Indian Academy of Sciences  
Bangalore



Indian National Academy of Science  
Allahabad

**Organized by  
Department of Biotechnology  
School of Science and Humanities**



**Sri Ramakrishna College of Arts and Science  
(Autonomous)**

(Formerly SNR and Sons College)

NAAC 'A' Grade (3<sup>rd</sup> Cycle) & DSIR – SIRO

Recognized College

Avinashi Road, Nava India, Coimbatore-641006.

T: +91 422 2562788 E: [karthikeyan@srcas.ac.in](mailto:karthikeyan@srcas.ac.in)

W: [www.srcas.ac.in](http://www.srcas.ac.in)



Dear Students

We take great pleasure and honor in inviting you to participate in Science Academies Lecture workshop on “Modern Trends and Innovations in Biological Sciences 2017” (MTIBS - 2017) to be held on 5<sup>th</sup> and 6<sup>th</sup> October 2017.

### About the Institution

Sri Ramakrishna College of Arts and Science, (Formerly known as SNR Sons College - Autonomous) is one among the most renowned Arts and Science Educational Institutions in the country, where excellence is a tradition. Sri Ramakrishna College of Arts and Science (SR-CAS), though affiliated to Bharathiar University, became Autonomous in 2004. It is autonomous, in the sense that it is empowered to frame its own course of studies and adopt innovative methods of teaching and evaluation. The Institution is a noble venture by the SNR Sons Charitable Trust, one of the leading Pioneer Philanthropists of Coimbatore. Sri Ramakrishna College of Arts and Science is situated at the heart of the Coimbatore city and has a beautiful scenic campus sprawling over an area of 16 acres with numerous imposing buildings surrounded by lush green garden and coconut grove. The college has as its backbone excellent infrastructure; the teaching laboratories and general facilities are amongst the best in the University.

### Department of Biotechnology

Department of Biotechnology, Sri Ramakrishna College of Arts and Science (Formerly SNR Sons College - Autonomous), Coimbatore, Tamil Nadu, India offering B.Sc., M.Sc., M.Phil., and Ph.D., programme in Biotechnology has been established in the year 2006 and provides the launching pad for tomorrow’s scientific beacons with the state-of-the-art techniques. The Department committed to knowledge transfer and engages in technology transfer and economic development activities and benefit local, regional, National and International constituents. The focal theme of the Department is to develop interdisciplinary approaches to increasingly complex problems dealing with the biological sciences. The Department of Biotechnology have come an agreement to improve the relationship between research centre and academic institution and to develop advanced research in Life science courses. **The Institution is recognized by DSIR (SIRO), New Delhi from March 2017 onwards for a period of five years.**

### Science Academies

Indian Academy of Sciences (IAS), Bangalore founded in 1943 by Sir C.V.Raman, aims at promoting the progress and upholding the cause of science in pure and applied branches. Its major activities include publication and scientific journals and special volumes, recognition of scientific talent and improvement of science education. As part

of the science education programmes, the Indian Academy of Sciences in Bangalore in association with Indian National Science Academy (INSA), New Delhi and Indian National Academy of Sciences (INAS), Allahabad organizes programmes for the improvement of science education in the Universities and colleges throughout the country.

The Department of Biotechnology of Sri Ramakrishna College of Arts and Science (Formerly SNR Sons College - Autonomous), Coimbatore, Tamil Nadu, India is pleased to organize and host a two days Science Academies Lecture Workshop on “Modern Trends and Innovations in Biological Sciences 2017” (MTIBS - 2017) on 5<sup>th</sup> and 6<sup>th</sup> October 2017. This lecture workshop is meant to inspire the younger generation to undertake research in modern and frontier areas of biological sciences.

### **About the Lecture Workshop**

Knowledge obtained in the field of biological science has revolutionized the area of healthcare, agriculture and environment as a result of its spectacular discoveries and development. The purpose of the workshop is to make an objective appraisal of the current status of biological research in India against the background of tremendous progress made in the field of biological sciences. It also aims to bring together scientist, academics and students at a common platform to share the recent novel developments in the field of biological science and to undertake basic and translational research in modern trends in biology. Experts from different fields will deliver the lectures on the present scenario and future of the respective fields, which will inspire the student and teaching community to upgrade their teaching and research career.

### **Participants/Target Audience**

Teaching Faculty (UG and PG Life sciences), Undergraduate, Postgraduate students and Research scholars from life Sciences (Botany, Biotechnology, Biochemistry, Microbiology, Environmental Sciences, Industrial Biotechnology and related disciplines) are eligible to attend.

### **Number of participants**

As the number of participants is limited to 150, selections are purely on First-come-First-Serve basis.

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## **Registration and further details Fees**

There is no registration fee to attend this lecture workshop. Tea and lunch will be provided to the participants. Those who wish to participate in the lecture workshop should **send the filled registration form to the following address by post or courier on or before 20<sup>th</sup> September 2017.**

### **Dr. J. Karthikeyan**

Co-ordinator, Science Academies “Lecture Workshop”  
Associate Professor & Head (Biotechnology)  
Sri Ramakrishna College of Arts and Science (Autonomous)  
Avinashi Road, Nava India, Coimbatore-641006.  
Email ID: [karthikeyan@srcas.ac.in](mailto:karthikeyan@srcas.ac.in) Mobile-9486544511

**Intimation of the acceptance will be communicated through e-mail on 21<sup>st</sup> September 2017.** No TA/DA will be paid to the participants. Bonafide Certificate for the eligible participants must be obtained from the parent institution and submitted along with the filled in registration form

### **Convenor**

**Dr. R. Raghavendra Rao,**  
INSA Honorary Scientist,  
Kendriya Vihar, Yelahanka, Bangalore

### **Co - ordinator**

**Dr. J. Karthikeyan**  
Associate Professor & Head, Department of Biotechnology,  
Sri Ramakrishna College of Arts and Science (Autonomous),  
(Formerly SNR Sons College), Coimbatore.

### **Joint Co - ordinator**

**Dr. D. Jayasheela**  
Associate Professor, Department of Biotechnology,  
Sri Ramakrishna College of Arts and Science (Autonomous),  
(Formerly SNR Sons College), Coimbatore.

### **Organizing Staff Committee**

**Dr. A. Dhivya, Mrs. S. Manjukeswari, Mrs. G. Subhashini, Dr. M. Ramesh,  
Mrs. Pradeepa, Mr. S. Narendhran**

Faculty Members

Department of Biotechnology

Sri Ramakrishna College of Arts and Science (Autonomous),  
(Formerly SNR Sons College), Coimbatore.

### **Organizing Student Committee**

**III UG/ I PG/ II PG Biotechnology Students**

### **Resource Persons**

#### **1. Dr. R. Raghavendra Rao**

**INSA Honorary Scientist,**

Kendriya Vihar, Yelahanka, Bangalore

Session I - Floristic diversity in India - Conservation and Bioprospection - a priority  
agenda for 21<sup>st</sup> century

Session VII - Role of taxonomy and Ethnobotany in promoting medicinal plants research  
in India

#### **2. Dr. K. R. Shivanna,**

**INSA Honorary Scientist and Honorary Senior Fellow,**

ATREE, Bangalore

Session III - Pollination: a threatened ecoservice essential for sustenance of crop  
productivity and plant diversity

Session V - Utilization of wild relatives of crop species for improvement of the  
cultivars

#### **3. Dr. C. Kunhikannan**

**Scientist – F and Head**

Division of Biodiversity,

Institute of Forest Genetics and Tree Breeding (IFGTB), Coimbatore

Session II - Biodiversity of Western Ghats

Session IV - Biodiversity and Bioprospecting

#### **4. Dr. K. Veluthambi**

**Professor (Rtd) and UGC-BSR Fellow**

School of Biotechnology,

Madurai Kamaraj University, Madurai

Session VI - Plant genetic engineering

Session VIII - Plant functional genomics



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## **REGISTRATION FORM**

Name: .....

Age: ..... Gender: Male /Female

Address for communication: .....

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Qualification:

Designation:

Department:

Organization:

Email:

Official Address:

Mobile No/ Whatsapp No:

Signature of the Participant

Head of the Department

**Photocopies of the registration form are also accepted.**

**NOTE:** Complete the above registration form and send to the Co-ordinator - Science Academies Lecture Workshop on or before 20<sup>th</sup> September 2017.  
Selected participants will be notified through e-mail