



**RAMAIAH**  
College of Arts, Science &  
Commerce



**MS RAMAIAH COLLEGE OF  
ARTS, SCIENCE AND COMMERCE**  
MSRIT Post, MSR Nagar,  
Bengaluru-560054



**Value Added Program  
on  
Applications and Advantages  
of  
Plant Tissue Culture Research**

**(An IQAC Initiative)  
Organized by**

**Department of  
Biotechnology & Genetics  
(Under DBT STAR)**

**Day/Date: Friday, 04 August 2023  
Time: 10.30 am -12:00pm**

### **About Plant Tissue Culture:**

Plant tissue culture is a practice used to propagate plants under sterile conditions, often to produce clones of a plant. Different techniques in plant tissue culture may offer advantages over traditional methods of propagation.

The program is designed to provide the same through theory sessions and lab exercises. Topics included in the value added program are Principles and applications of various facets of plant tissue culture

### **Objective of the program:**

- It is intended to learn basic tissue culture techniques.
- For Demonstrations and Hands-on lab experiments

### **About College:**

M. S. Ramaiah College of Arts, Science and Commerce was established in 1994 by our founder Late Dr. M S Ramaiah offering both undergraduate and post graduate degrees affiliated to Bangalore University, in Arts, Science and Commerce and Management streams. The college is approved by AICTE, New Delhi, recognized by the Government of Karnataka. The college is also recognized by UGC under 2 (f) and 12 B of UGC Act 1956, re-accredited "A" grade by NAAC. The college offers 8 UG and 6 PG courses in Arts, Science, and Commerce, to around 2700 students

### **About Department:**

Department of Biotechnology /Genetics is the application of the principles of Engineering and Biological Sciences to create new products from raw materials of biological origin.

It uses living organisms or their products to modify or improve human health, environment and entire ecosystem. Study of biotechnology is essential to enhance the skill set of students and to harness the living systems for the benefit of mankind and to address the issues of human and environment. Start of “Department of biotechnology and Applied Genetics” in the MSRCASC, established in the year 1999 offering both UG and PG programs.

#### RESOURCE PERSON:

**Dr. Madhusudhan**  
Manager Production (Ornamentals)  
Indo American Hybrid Seeds,  
Bengaluru, Karnataka.

#### CONVENOR:

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*“A Cell is regarded as the true biological atom”*

*George Henry Lewes*



#### PROGRAM PLATFORM DETAILS

**Friday, 04 August 2023**  
**10.30am – 12:00pm**  
**VENUE: Vishweswaraiah Auditorium**

#### PATRONS

**Dr. M R Jayaram, Chairman, GEF**  
**Sri MR. Janakiram, Director, GEF**  
**Sri MR. Kodandaram, CE, GEF**  
**Sri B.S. Ramaprasad, CE, GEF**  
**Sri G. Ramachandra, COF, GEF**  
**Dr. Vatsala G, Principal, MSRCASC**  
**Prof. Jayarama B.S., Vice Principal**  
**Prof. Pushpa H, Vice Principal**

#### ORGANIZING COMMITTEE MEMBERS

**Dr. Lakshmi Kanth R.N. HOD**  
**Dr. Chennarayappa Professor**  
**Dr. Jayashree D.R. Professor**  
**Dr. Ramakrishnaiah T.N, Assistant Professor**  
**Dr. Sowbhagya R., Assistant Professor**  
**Dr. Radha Dayanidhi, Assistant Professor**  
**Dr. Geethika Pant, Assistant Professor**  
**Dr. Vinutha M., Assistant Professor**  
**Dr. Rashmi Nagesh, Assistant Professor**  
**Ms. Beauila Angel, Assistant Professor**  
**Dr. Prasad Prakash Desai, Assistant Professor**  
**Dr. Pavithra Kumari H.G., Assistant Professor**  
**Dr. Muktha H., Assistant Professor**  
**Dr. Satish Babu., Assistant Professor**  
**Dr. Ramesha N., Assistant Professor**  
**Dr. Vijayalakshmi T. N Assistant Professor**  
**Dr. Savitha., Professor.**