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Dr. Hanumanthappa Makkal
Assistant Professor, Dept. of
Biotechnology, Maharani
Science College For
Women's, Mysuru -05

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Director, Rajiv L. Bhaswani
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Bengaluru - 562117

Organizing Committee

Secretary

Dr. Ramakrishnaiah T.S.
Associate Professor &
IQAC Co-ordinator
Dept. of Biotechnology & Genetics
MSRCASC

Dr. Sowbhagya R.
Assistant Professor,
Dept. of Biotechnology &
Genetics,
MIRCASC

Dr. Vasanth K. Bhaskara
Assistant Professor,
Dept. of Chemistry &
Biochemistry,
MSRCASC

Faculty, Dept. of Biotechnology & Genetics and Dept. of Chemistry & Biochemistry

Registration

Seats are limited to 50 to ensure effective hands-on training
No Registration fee. Candidates will be shortlisted based on eligibility, academic and order of application.

For registration - Click the following link - <https://forms.gle/2MA5FZnYp9Wh331b5>

Target Audience

Research Scholars and Postgraduate Life Science students

For further inquiries, please contact

e-mail: icmrworkshop@msrcasc.edu.in
Phone: Dr. Ramakrishnaiah T.S - 9611828299
Dr. Sowbhagya R - 9440780228
Dr. Vasanth K Bhaskara - 9105198526
Dr. Bharath K Devedra - 9908334993

The registration link will remain open on 13th and 14th May 2026. Notifications regarding the acceptance of shortlisted candidates will be communicated through email on 15th May 2026.



**M S Ramaiah College of Arts, Science and Commerce -
Autonomous**
MSR Nagar, MSRIT Post, Mathikere, Bengaluru - 560054

**Department of Biotechnology & Genetics
&
Department of Chemistry & Biochemistry
organize**

Indian Council of Medical Research, Government of India
sponsored

A 5-Day Hands-on Workshop on

**"Translational Applications of CRISPR-Cas9 – in vitro based
techniques for Biomedical Research"**



Date: 2-6 June 2026

Venue: MSRCASC, Bengaluru

Approved Intake: 50

About the College

M.S. Ramaiah College of Arts, Science and Commerce (MSRASC), established in 1994 under the Gokula Education Foundation, is a leading autonomous institution in Bangalore known for academic excellence and holistic education. Affiliated to Bangalore City University and recognized by UGC and AICTE, the college holds an "A" grade from NAAC and is ranked 67th among top colleges in India in NIRF 2023.

MSRASC offers diverse undergraduate and postgraduate programs across Science, Commerce, Humanities, and Management, with a strong focus on interdisciplinary learning. The institution provides a dynamic academic environment supported by modern infrastructure, including advanced laboratories, digital classrooms, and a well-equipped library.

Research and innovation are key priorities, with integrated research centers in Biotechnology, Microbiology, and Commerce, along with industry collaborations such as Bioson Academy. Initiatives like the DHE STAR College Scheme further strengthen scientific research and skill development.

Beyond academics, the college promotes holistic student development through co-curricular, extra-curricular, and community engagement activities. Participation in national programs like Ustav Bharat Abhiyan fosters social responsibility and experiential learning. With strong placement support and industry exposure, MSRASC prepares students for successful careers and meaningful societal contributions.

About the Department of Biotechnology & Genetics

The Department of Biotechnology and Genetics at M.S. Ramaiah College of Arts, Science, and Commerce, established in 1999, has been a hub of academic excellence and research innovation for over two decades. The department has been recognized as PhD research center by the Dr. Mannabhai Shree Bangalore City University and focuses on hands-on training and research guidance, encouraging students to engage in projects, equipping them with essential practical and research skills, writing and publishing research articles.

About the Department of Chemistry & Biochemistry

The Department of Chemistry & Biochemistry at M.S. Ramaiah College of Arts, Science and Commerce, established in 1994, offers UG and PG programs with a focus on academic excellence, research, and industry-oriented training. The department promotes innovative teaching, practical learning, seminars, workshops, and industrial exposure. The department collaborates with Bioson Academy for postgraduate training and placement support. Alumni are placed in reputed companies such as Cipla, Boctis, and Hygene International, with many pursuing higher research studies in India and abroad.

ICMR - DHR

The Indian Council of Medical Research (ICMR), functioning under the Department of Health Research, is the apex body in India responsible for the formulation, coordination, and promotion of biomedical research. It plays a vital role in addressing national health challenges through research in areas such as infectious diseases, non-communicable diseases, nutrition, and public health. DHR supports innovation, capacity building, and translation of research into healthcare solutions, while ICMR implements and funds research projects across various institutes and centers in India. Together, ICMR and DHR contribute significantly to improving healthcare outcomes and advancing medical science in the country.

Workshop Overview

This ICMR-funded workshop, organized by the Department of Biotechnology and Genetics at MSRASC, provides students, researchers, and professionals with hands-on training in CRISPR-Cas9 gene-editing techniques and their applications in biomedical research. Through theoretical sessions and practical laboratory training, participants will learn CRISPR-Cas9 fundamentals, experimental design, sgRNA design, plasmid construction, cell culture, and transfection, genomic DNA isolation, and analysis and interpretation of gene-editing results. The workshop aims to bridge the gap between theoretical knowledge and advanced laboratory applications in genome editing. Participants will gain exposure to contemporary research methodologies and emerging trends in translational biotechnology. The program also encourages scientific collaboration, innovation, and skill development essential for careers in biomedical and life science research.

Resource persons

02.06.2026

- 1. Prof. Pankaj Kumbhakar, PhD, FNA**
Visiting Professor and Chair,
Dept. of Developmental Biology and
Genetics,
Indian Institute of Science
Bangalore - 560012 and
Department Advisor,
Sri Shree Sri Cancer Hospital and
Research Centre,
Bangalore.
- 2. Dr. Mahati Hanumanthappa**
Associate Professor in Biotechnology,
Historical Sciences, College For
Women's, Mysuru-575 016.
- 3. Dr. Krishnagovinda Anjanappa,**
Assistant Professor, Post Graduate
and Research Department
of Biotechnology at Argavee Arts
College (Arts and Science),
Krishnagiri, Tamil Nadu.

04.06.2026

- 1. Dr. Shraddha S Vaidya**
Senior Assistant Professor, Molecular
Toxicology Institute of Biotechnology and
Applied Biotechnology, Biotech Park,
Electronic City Phase 1, Bangalore-560 086.
- 2. Dr. Geetha Narasimha,**
Fellow & MD, Cassava Bio Pvt Ltd,
Entrepreneur-Food editing - CRISPR,
Tuberculosis Research Scientist, Bangalore.
- 3. Dr. R.K. Manjunath**
Professor and Head,
Department of Biotechnology,
The Oxford College of Engineering,
Bangalore, India.

06.06.2026

- 1. Dr. Chetan Kumar KV**
Axis Region Lead - Quality, Safety,
Environment, CSR, Industry & Regulatory
Affairs, IIM (Class II program) - Axis Region.
- 2. Prof. Channarayana**
Professor/Dept. of Biotechnology & Genetics,
M.S. Ramaiah College of Arts, Science and
Commerce-Autonomous.

03.06.2026

- 1. Rajkeshwari Gnanaprakasam**
M.Sc. (Gen. & Phy. (Bio Cell), Canada)
Asst. Professor (Molecular Biology)
Dept. of Biotechnology & Crop Improvement
College of Horticulture, Bangalore
1105 Campus, GKVK,
Bangalore-560065.
- 2. Dr. Sushil Kumar Mittal**
Professor (Anatomy), Mahatma
Jawahar Autonomous College for
Women, Bangalore.
- 3. Dr. S. Shobana**
Associate Professor
Department of Genetic Engineering
School of Biotechnology
MSR Institute of Science and
Technology, Kattankulathur-
603201, TamilNadu.

05.06.2026

- 1. Dr. Induswathi Shrivastava**
Scientist-F, Section for Stem Cell
Science and Regenerative
Medicine (DST/ST), Bangalore, India.
- 2. Dr. Deepika Saini,**
Co-Founder, Protein Design Pvt. Ltd.,
Bangalore, India.
- 3. Dr. Vinay B. Raghavendra**
Associate Professor, Department of
Biotechnology, Jyoti Prasad College
Autonomous, Bangalore, India.

