



RAMAIAH
College of Arts, Science &
Commerce



REF: MSRCASC/DBT-SCS/21-22/Cir-01

DATE: 09-06-2022

CIRCULAR

DEPARTMENT OF BIOTECHNOLOGY AND GENETICS (Sponsored by DBT, Govt of India under STAR College Scheme)

This is to inform that all the non-teaching staff (laboratory assistants and attenders and housekeeping staff) of life science departments are requested to participate in the program "**Biosafety and Occupational risk: Likelihood and Consequences in laboratories**" compulsorily. This program is organized by the Department of Biotechnology and Genetics, under the DBT star college scheme. This program will be held on June 15, 2022.

All the non-teaching staff of life science departments have to register on or before June 11, 2022, for further arrangements.

Resource Persons: **Dr. Shalini Naik, Associate Professor; Dr. Sandeep T, Assistant Professor, Department of Microbiology, Ramaiah Medical College & Hospital, Bengaluru.**

Venue & Time: Biotechnology Laboratory (10.30am-12.30pm)

HEAD OF THE DEPARTMENT

PRINCIPAL

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About the College

Dr. M S Ramiah, a visionary and philanthropist established "Gokula Education Foundation (GEF)", in the year 1962, to deliver education and healthcare for the betterment of mankind. Under the tutelage of GEF, Ramaiah College of Arts, Science and Commerce (RCASC) was established in 1994. RCASC is Re-accredited with "A" Grade by NAAC, Permanently affiliated to Bengaluru City University (BCU), and approved by AICTE. It is also recognized under section 2(f) & 12(B) of the UGC Act 1956. It has produced several rank holders and has alumni in distinguished institutions all over the world. The College has a legacy of organizing National Conferences and workshops in various disciplines of Science, Commerce and Management in addition to Quality Initiatives in Higher Education.

Department of Biotechnology

Department of Biotechnology & Genetics was established in the year 2000 offering both UG and PG programs in M S Ramaiah College of Arts, Science & Commerce. The main objective of the programs is to provide conducive learning environment for the students and to mitigate the shortage of Biotechnologists in the field of food, agriculture, medicine and environment. Highly qualified and experienced faculty members deliver the lectures and conduct the practical in various subjects of as per the curriculum developed by the Bengaluru City University. The department focuses mainly on teaching the basics, applications and hands-on training in a state -of-the-art classroom and laboratory environment. It also facilitates students to broaden their knowledge for multitasking.

About the Program

Objectives:

- Create awareness in non-teaching staff and laboratory attenders on occupational exposure of biohazards/pathogens
- SOP of disposal and biosafety measures while handling the bio-hazards/ pathogens
- Precautions and emergency care

Target group:

Laboratory assistants and attenders, non-teaching and house-keeping staff

PATRONS

Dr. M.R. Jayaram Chairman, GEF
Mr. M.R. Janakiram, Director, GEF
Sri M.L. Kondandaram, Director, GEF
Sr. B.S. Ramaprasad, Chief Executive, GEF
Sri G. Ramachandra, Chief of Finance, GEF

ORGANIZING COMMITTEE MEMBERS

Dr. A. Nagarathna, Principal
Dr. Channarayappa, Professor & Head
Dr. D R Jayashree, Professor
Dr. Lakshminkanth. R N, Associate Professor
Dr. Ramakrishnaiah T N, Assistant Professor
Dr Sowbhagya R, Assistant Professor
Dr. Radha Dayanidhi, Assistant Professor
Dr. Geetika Pant, Assistant Professor
Dr. Vinutha M, Assistant Professor
Dr. Prashanthi R, Assistant Professor
Dr. Rashmi Nagesh, Assistant Professor
Mrs. Beaulah Angel, Assistant Professor
Dr. Pavithra Kumari H G, Assistant Professor
Dr. Muktha H, Assistant Professor
Dr. Savitha G, Assistant Professor
Dr. Pramod Desai, Assistant Professor

DBT STAR SCHEME COORDINATOR

Dr. Pushpa, Professor & Head,
Dept. of Microbiology

RESOURCE PERSONS

Dr. Shalini Nalk, Associate Professor
Dr. Sandeep T, Assistant Professor
Dept. of Microbiology, Ramaiah Medical College & Hospital,
Bengaluru

EVENT COORDINATORS

Dr. Radha Dayanidhi
Dr. Geetika Pant
Assistant Professors, Dept. of Biotechnology & Genetics,
MS Ramaiah College of Arts, Science & Commerce, Bengaluru



RAMAIAH
College of Arts, Science
& Commerce



Training on

BIOSAFETY AND OCCUPATIONAL RISK: LIKELIHOOD & CONSEQUENCES IN LABORATORIES

(UNDER DBT STAR COLLEGE SCHEME)



Organized by

Department of Biotechnology & Genetics
MS Ramaiah College of Arts, Science & Commerce

Date for registration : June 11, 2022

Date: June 15, 2022

Time: 10:30 am to 12.30 pm

Venue: Biotechnology laboratory



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M S Ramaiah College of Arts, Science and Commerce

Re-accredited 'A' by NAAC. Permanently Affiliated to Bengaluru City University.

Approved by Government of Karnataka. Approved by AICTE, New Delhi,

Recognized by UGC under 2f & 12B of UGC act 1956



(National Institutional Ranking Framework, Ministry of Education, Govt of India)

Ranked 62nd in NIRF India Ranking by MHRD, New Delhi

DBT Star College Scheme

DEPARTMENT OF BIOTECHNOLOGY AND GENETICS

Report on

Training on Biosafety and occupational risk: Likelihood & Consequences in laboratories

Date: June 15, 2022

Event Co-ordinators:

- Dr. Radha Dayanidhi
- Dr. Geetika Pant

Resource Persons:

Dr. Shalini Naik, Associate Professor &

Dr. Sandeep T, Assistant Professor,

Dept. of Microbiology, Ramaiah Medical College & Hospital, Bengaluru

Venue: *Biotechnology lab and Room # 407*

Total number of participants: 25

Department of Biotechnology and Genetics organised training on “**Biosafety and occupational risk: Likelihood & Consequences in laboratories**” (under DBT STAR COLLEGE SCHEME) for laboratory assistants and attenders, non-teaching and house-keeping staff.

Objectives:

- Create awareness in non-teaching staff and laboratory attenders on occupational exposure of biohazards/pathogens
- SOP of disposal and biosafety measures while handling the biohazards/ pathogens
- Precautions and emergency care

The training was started with welcome address to the resource persons, Dr. Shalini Naik, Dr. Sandeep T and Mr. Parthibhan, Heads of Life Science departments, faculty members, laboratory assistants and attenders, non-teaching and house-keeping staff belonging to M.S. Ramaiah College of Arts, Science and Commerce, by Dr. Radha Dayanidhi, Assistant Professor, Dept. of Biotechnology and Genetics with a brief introduction of Dr. Shalini Naik. Following Dr. Geetika Pant introduced Dr. Sandeep, the resource person with their academic



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and research accomplishments to audience and requested speakers, Dr. Shalini Naik and Dr. Sandeep to take over the session.

A two-hour training session was conducted by Dr Shalini Naik & Dr Sandeep T for laboratory assistants and attenders, non-teaching and house-keeping staff on June 15, 2022. The trainees were made aware of various safety practices that should be employed in the laboratory to avoid the transmission of infectious agents. The components & importance of the use of Personal protective equipment was discussed in detail. There was a live demonstration of the correct method of Donning & Doffing of PPE. The trainees were given hands on experience with respect to correct practice of hand hygiene and the indications of use of soaps & sanitizers. They were also taught about safety practices with respect to equipment maintenance & chemical handling including the Material safety data sheet. Segregation of biomedical waste generated in the laboratory was included in the session along with methods for final disposal. A comprehensive briefing was given on fire safety, dry ice shipping and storing in liquid nitrogen. Overall the audience was very enthusiastic and interactive & showed an eagerness to learn and adapt correct practices in order to protect themselves & their colleagues in the workplace.

The resource persons interacted with the participants by answering to their queries. The session was concluded with the vote of thanks by Dr. Channarayappa, HOD, Dept. of Biotechnology and Genetics. He expressed the gratitude to the management, DBT star scheme entire team and to all the resource persons for spending time and sharing their knowledge with the participants in conducting the workshop smoothly.



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1. Welcome and introduction of Dr Shalini Naik by Dr. Radha Dayanidhi
2. Introduction of Dr. Sandeep by Dr. Geetika Pant
3. Mr. Parthibhan- Live demo to wear PPE kit
4. Dr. Shalini Naik's delivering lecture
5. Dr. Sandeep delivering lecture
6. Dr. Shalini Naik's lecture

Dr Channarayappa
Prof. and HOD
Dept. of Biotechnology and Genetics
Ramaiah College of Arts, Science and Commerce
Bangalore-560 054.

Principal,
M.S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore - 560 054

DEPARTMENT OF BIOTECHNOLOGY AND GENETICS

Training on Biosafety and Occupational Risk: Likelihood and Consequences in Laboratories (Under DBT Star College Scheme)

LIST OF PARTICIPANTS

June 15, 2022

Sl. No.	Name of the Participants	Department	Signature
1)	G. MADHAVI	BT	G. Madhavi
2)	అంజలి పాల్	BT	అంజలి పాల్
3)	LAKSHMAMMA	BT	LAKSHMAMMA
4)	BIVIMACHA	Electronics	BIVIMACHA
5)	Latha	B.B.M.	Latha
6)	SAYAMMA	Chemistry	SAYAMMA
7)	గౌరవ	Chemistry	గౌరవ
8)	Pullari	Chemistry	Pullari
9)	G. NAGISHA	Chemistry	G. NAGISHA
10)	O.S.	B.B.M.B	O.S.
11)	వి. చంద్ర		వి. చంద్ర
12)	Sainulu	B.T	Sainulu
13)	Mukhyamma	M.A MSc	Mukhyamma
14)	Pravikumar	M.B	Pravikumar
15)	Jnyamma	M.B.	Jnyamma
16)	పావల		పావల
17)	Subramanyam	office	Subramanyam



18	Latha	B.B.A	Latha
19	Arun-S	chemistry	Arun-S
20	Shiva Kumar. S	chemistry	Shiva
21	Shresh	chemstry	Shresh
22	ಶ್ರೀಮತಿ	B.CA	ಶ್ರೀಮತಿ
23	Gowdamma	of	Gowdamma
24	Shanthamma	of	Shanthamma
25	Bharathi. M.	B.COM	Bharathi

(Signature)
Dr Channarayappa
Prof. and HOD
Dept. of Biotechnology and Genetics
Ramaiah College of Arts, Science and Commerce
Bangalore-560 054.

(Signature)
Principal,
S. Ramaiah College of Arts, Science & Commerce
MSRIT Post, MSR Nagar
Bangalore - 560 054