



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

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M S Ramalah College of Arts, Science and Commerce  
Re-accredited 'A' by NAAC, Permanently Affiliated to Bangalore City University,  
Approved by Government of Karnataka, Approved by AICTE, New Delhi,  
Recognized by UGC under 2f & 12B of UGC act 1956

Ref. No. MSRCASC/WS/CIR/2023-24/39

Date: 14.12.2023

## CIRCULAR

The Department of Biotechnology and Genetics is organizing **INTERCOLLEGIATE FEST "BIO-HACKATHON 2023"** under DBT STAR Scheme from 21<sup>st</sup> to 22<sup>nd</sup> December 2023. The events include **BIOBRUSH, BIOVEG CHISELLING, BIOPOT PAINTING & BIO CARTOONING**. The competitions have been organized to unleash the artistic talents of Undergraduate students and to explore their creativity. The events details are as follows:-

DATE & DAY	TIME	EVENTS	STUDENTS INCHARGE	VENUE
21/12/2023 Thursday	12.00pm-1.00pm	<b>BIO BRUSH</b> (SOLO EVENT)	MS.TEJASWINI MS.TRUPTI CONTACT:6360405491	<b>LEVEL 4</b>
	2.00pm-3.00pm	<b>BIO VEG CHISELLING</b> (MAXIMUM OF 2 IN A TEAM)	MR. VACHAN MR. RAHUL CONTACT:7204766030	<b>LEVEL 4</b>
22/12/2023 Friday	12.00am - 01.00pm	<b>BIO POT PAINTING</b> (SOLO EVENT)	MS.LAKSHMI MS.DEEPIKA CONTACT:7569994226	<b>LEVEL 4</b>
	02.00pm-03.00pm	<b>BIO CARTOONING</b> (SOLO EVENT)	MR.MADHU MR.GAURAV CONTACT:7032801659	<b>LEVEL 4</b>

Dr. Vinutha M  
Dr. Geetika Pant  
Dr. Rashmi N  
Dr. Pramod Desai

Dr. Lakshmikanth R N

Prof. Pushpa H

Dr. Vatsala G

Convener

HOD

Co-ordinator  
(DBT Star Scheme)

Principal

M S Ramalah Nagar  
MSRIT Post  
Bangalore 560 054

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+91 80 2360 6905  
F +91 80 2360 6213

E principal.msrmcasc@gmail.com  
W www.msrmcasc.edu.in

**From,**  
**The HOD**  
Department of Biotechnology & Genetics  
MSRCASC, MSRIT Post, MSR Nagar  
Bengaluru-560054.

14.12.2023

**To**  
**The Principal**  
MSRCASC, MSRIT Post, MSR Nagar  
Bengaluru-560054

Respected Madam,

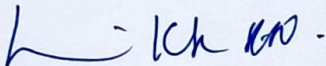
**SUB: Requesting for permission to approve venue of LEVEL 3 (for INTERCOLLEGIATE FEST "BIO-HACKATHON 2023" under DBT STAR Scheme.- Reg.**

With reference to the above cited subject, I request you to please grant us the permission to conduct the events of **INTERCOLLEGIATE FEST "BIO-HACKATHON 2023"** under **DBT STAR Scheme at LEVEL 4** from 21<sup>st</sup> and 22<sup>nd</sup> December. The events include **BIOBRUSH, BIOVEG CHISELLING, BIOPOT PAINTING & BIO CARTOONING** for your kind perusal and consideration.

Kindly consider and do the needful.

Thanking you

Yours Sincerely



HOD  
(Dr. Lakshmikanth R N)



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Commerce

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**M S Ramaiah College of Arts, Science and Commerce**  
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Approved by Government of Karnataka, Approved by AICTE, New Delhi,  
Recognized by UGC under 2f & 12B of UGC act 1956

**From**  
The HOD  
Department of Biotechnology & Genetics  
MSRCASC, MSRIT Post, MSRnagar  
Bengaluru-560054.

10.10.2023

**To**  
The Principal  
MSRCASC, MSRIT Post, MSRnagar  
Bengaluru-560054

**Through**  
The DBT STAR College Coordinator  
MSRCASC, MSRIT Post, MSRnagar  
Bengaluru-560054

Respected Madam,

**SUB: Requesting for permission to conduct intercollegiate FEST (competitions) – BIOHACKATHON-2023- Reg.**

With reference to the above cited subject, we request you to please grant us the permission to organize **intercollegiate FEST (competitions) – BIOHACKATHON-2023** for Undergraduate students under **DBT STAR COLLEGE SCHEME** dated from 22.11.2023 to 23.11.2023 which includes following events.

**Event Details:-**

Date & Day	Events
22/11/2023	Bio-Brush
Wednesday	Bio-Veg Chiselling
23/11/2022	Bio-Pot Painting
Thursday	Bio cartooning

Kindly consider and do the needful.

Thanking you

Yours Sincerely

Dr. Lakshmikanth R N

*Laksh R N.*  
10/10/2023.

**Enclosures:-**

1. **Event details and Budget particulars** have been enclosed for your kind perusal and consideration.



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



Department of  
BioTechnology,  
Government  
of India

सत्यमेव जयते

**INTER COLLEGIATE FEST**

# **BIO HACKATHON**

## **2023**

**21st & 22nd DECEMBER**

**ORGANISED BY**

**DEPARTMENT OF BIOTECHNOLOGY  
AND GENETICS**

**PRINCIPAL**

**DR.VATSALA.G**

**HEAD, DEPARTMENT OF  
BIOTECHNOLOGY AND  
GENETICS**

**DR.LAKSHMI KANTH R.N**

**EVENTS WILL START FROM 12:00 PM**

**VENUE:- LEVEL 5**



# ABOUT COLLEGE

Dr. MS Ramaiah, 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, M. S. Ramaiah College of Arts, Science and Commerce (MSRCASC) was established in 1994. MSRCASC 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 (t) & 12(B) of the UGC Act 1956. The College has a legacy of organizing workshops, international and national conferences in various disciplines of Science, Commerce and Management in addition to Quality Initiatives in Higher Education.

## ABOUT THE DEPARTMENT

Department of Biotechnology and Genetics" in the M S Ramaiah College of Arts, Science and Commerce, was established in the year 2000 offering both UG and PG programs. 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 environmental management. Highly qualified and experienced faculty members deliver the lectures and conduct the practical in various subjects of as per the curriculum developed by the Bangalore 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.

## Objectives

- PROMOTING CREATIVE ENGAGEMENT WITH BIOLOGY.
- FOSTERING INNOVATION IN BIOBRUSH DESIGNING.
- ENCOURAGING ARSTISTIC EXPRESSION THROUGH BIOCARTOONING.
- SHOWCASING THE INTERSECTION OF CULINARY ARTS AND BIOLOGY THROUGH VEGETABLE CARVING.
- THESE OBJECTIVES AIM TO COMBINE EDUCATION , CREATIVITY , AND FUN WITH REALM OF BIOLOGY.

**REGISTRATION LINK :-** <https://forms.gle/yUTSurZFWMWzUkPv5>

**NOTE - PARTICIPANTS FROM OTHER COLLEGES WILL BE CHARGED A NOMINAL FEE OF 50RS/- PER EVENT**

MS RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE BANGALORE

BIOHACKATHON-2023

BIO CARTOONING

	Name	Points	Remark
1.	Yashaswini C R	BSc - BT-MB V SEM Bsec	Yashaswini C.R
2.	Nivedita A	BSc - BT/MB V SEM B' SEC 7022086460	Nivedita
3.	Isha Raj	BSc - BT/MB V SEM 'A' SEC 7225979425	Isha Raj
4.	Dhanushree N k	BSc - BT/MB V SEM 'A' - 8867743471	Dhanushree
5.	Gowthami M	BSc - BT/MB V SEM 'A' - 6361227942	Gowthami M
6.	Lakshmi sravya	BSc - BT/MB - III SEM - 'A' 7188875975	Lakshmi sravya
7.	Varada sri Lakshmi Kruti	B.Sc. BT/BC - V SEM - 9347830363	Varada
8.	Varsha K V	B.Sc. BT/chem - V SEM 6364707689	Varsha
9.	Tejaswini K S	B.Sc. BT/chem V SEM 9620796086	Tejaswini K S
10.	Junaid khan	BSc BT/chem V SEM 7892698870	Junaid
11.	Sanjana N Raj	BSc. MB/chem. V SEM 8431778337	Sanjana N. Raj
12.	Megha Kedia (No)		
13.	Likith H V		
14.	Kirthana		
15.	Kavya M (Extra No)		
16.	Ayushi Indla	BSc BT/MB V SEM 9704643352	Ayushi Indla
17.	Sarah sheikh	BSc BT (MB V SEM) 8880575707	Sarah
18.	Gurpreet Kaur	BSc BT 9835736505	Gurpreet
19.	K Greeshma		
20.	Ayana Bhattacharya	Bsc Biotech 9874055248	Ayana
21.	Chahat singh	BSc 5th Sem MB/BT 7321001422	Chahat Singh

22.	Anjali shibu	BSc 5 <sup>th</sup> Sem MB/BT 8296093299	<u>Anjali</u>
23.	Akshita E		
24.	Yashwant P	BSc ITSEM BT/CHEM 9591498282	<u>Yash</u>
25.	Shifra Satish		
26.	Akshay		
27.	Sneha-G	BSc MB/Genetics 9686406947	<u>S.G.</u>
28.	Swaraj S		
29.	Ria raghu	BSc MB/BT 7975923598	<u>Ri</u>
30.	Darshini G		
31.	Kruti N Sharma		
32.	Emani Akhila		
33.	Abhikya <u>Abhikhyaa</u>	BSc MB/GENETICS 7543959924	<u>Abhi</u>
34.	Gokul Krishna	BSc BT/CHEM 7994410749	<u>Gokul</u>
35.	Sheetal K	BSc MB/BT 8431012963	<u>Sheetal K</u>
36.	Roopashree G	B.Sc MB/BT 9845442975	<u>Roopashree G</u>
37.	Sushma N	B.Sc MB/BT 9353192676	<u>Sushma.N</u>
38.	Sakshi Sunil advitote		
39.	Subhayu Ganguly	BSc. BT/MB 9064443950	<u>Subhayu</u>
40.	Poorvitha R	BSc. Genetics/MB 6363079950	<u>Poorvitha R.</u>
41.	Ayaan Rehman		
42.	Deblina Tarafdar (MSc)		

43. Savitha R

Maharani

- 9380179575

Savitha R.

V sem Psychology

44. Keesthana R

STR Womens  
College V sem

- 6363236216

Keesthana R

45. Sidharth.

- V sem BT-MB.

- 7994166429 -

m  
m  
m

- |                       |            |            |                     |
|-----------------------|------------|------------|---------------------|
| 47. Praloknithi -     | Bsec 2sem  | 9611737869 | - Praloknithi       |
| 48. Niharika.T.       | Bsec 2sem  | 9008723836 | - T. Niharika       |
| 49. Suchita -         | Bsc 2sem   | 8544100587 | - Suchita<br>Kannan |
| 50. Ujjwal -          | Bsc 2sem   | 8970740494 | - Ujjwal            |
| 51. Dhanya<br>Reddy - | Bsc 2sem   | 9739412209 | - Dhanya Reddy      |
| 52. PRAJWAL.M -       | BSC-IV Sem | 6366064313 | - Prajwal.M         |
| 53) Varsha.S.R -      | Bsc-IV sem | 9902906092 | - Varsha.S.R        |
| 54) Sufyan Ahmed.k -  | Bsc Isem   | 8431779114 | - Sufyan            |



MS RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE BANGALORE

BIO HACKATHON-2023

BIO POT PAINTING

	Name	Points	Remark
1.	Charitha P	BT-MB V <sup>th</sup> sem 7619453618	<u>Charitha P</u>
2.	Aathira - NO		
3.	Sahana M - NO		
4.	Kavya M	BT-MB V <sup>th</sup> sem 8867180001	<u>Kavya M</u>
5.	Alaina Khan - NO		
6.	Gurpreet kaur	MB-BT V Sem 9835736505	<u>G. Kaur</u>
7.	Mohammadi Tamanna		
8.	Angel sosa george - NO		
9.	Shifrah Satish		
10.	Akshay		
11.	Keerthi S V ✓	BT/MB I sem 9743844863	<u>Keerthi S V</u>
12.	Emani Akhila -	BT/MB V <sup>th</sup> Sem 6363936254	<u>Khila</u>
13.	J Shiki Harika	BT-MB V <sup>th</sup> sem 9353735723	<u>J Shiki</u>
14.	Deepthi J Kethari	MB-Chem I sem 866045456	<u>Deepthi</u>
15.	Poorvitha R X - NO		
16.	Vasavi H	Gen-Mb V Sem 9902348037	<u>vasavi</u>
17.	Gagana K	BT-MB V <sup>th</sup> Sem 9844436798	<u>Gagana</u>

18. Aayushi Indla BT-Mb V sem 9704673352 Aayushi

19. Sneha . S . SJR Womens College 8861092734 Sneha

20. Parinitha . G BT-chem 8296874298 Parinitha

MS RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE BANGALORE  
BIO HACKATHON-2023

## BIO BRUSH

	Name	(Points) Course & Sem	(Remark) Ph no :-	Sign
1.	Aathira	Bt - MB $\bar{V}$ Sem	9148087680	<u>Aathira</u>
2.	Varsha S R	Bt - MB $\bar{V}$ Sem	9902906092	
3.	Ujjwal	Bt - MB $\bar{V}$ Sem	8970740494	<u>Ujjwal</u>
4.	Isha Raj	Bt - MB $\bar{V}$ Sem	7225979425	<u>Isha Raj</u>
5.	Lakshmi sravya	Bt - MB $\bar{III}$ Sem	7093639252	<u>Lakshmi</u>
6.	Sahana M	Bt - Chem $\bar{V}$ Sem	9110602886	<u>Sahana M.</u>
7.	Megha kedia	Bt - Chem $\bar{V}$ Sem	9583905599	<u>Megha</u>
8.	Vaibhav G P	Bt - Chem $\bar{V}$ Sem	9606302369	<u>Vaibhav</u>
9.	Kavya M	Bt - Mb $\bar{V}$ Sem	8867180001	<u>Kavya</u>
10.	Arshiya Fatima	Bt - Mb $\bar{V}$ Sem	9019075277	<u>Arshiya</u>
11.	Akshitha E	Bt - Mb $\bar{V}$ Sem	9019388983	<u>Akshitha</u>
12.	Parinitha G	Bt - Mb $\bar{I}$ Sem	8296874298	<u>Parinitha</u>
13.	Ananya S	Bt - Mb $\bar{III}$ Sem	9632399892	<u>Ananya</u>
14.	Deepthi J Kethari	Mb - Chem $\bar{I}$ sem	8660454566	<u>Deepthi</u>
15.	Keerthi S V	Bt - Mb $\bar{I}$ Sem	9743844863	<u>Keerthi</u>
16.	Kruthi N Sharma	Bt - Mb $\bar{V}$ Sem	9632503062	
17.	Lekhana V	Bt - Mb $\bar{V}$ Sem	8495838988	<u>Lekhana V.</u>
18.	Deeptangi	Bt - Mb $\bar{V}$ Sem	9902866622	
19.	Prajwal M	Bt - Mb $\bar{V}$ Sem	6366064313	
20.	Gokul Krishna	Bt - Chem $\bar{V}$ Sem	7994410749	<u>Gokul</u>
21.	Syed Jaffer Raza	Bt - Mb $\bar{V}$ Sem	8546550545	

		Course & Sem	Contact No.	Sign
22.	Syed Nabeel Ashraf	Bt-Mb V Sem	7602428834	<i>Nabeel</i>
23.	Suhas R	Bt-Mb V Sem	7349181480	<i>Suhas</i>
24.	Ayaan Rehman	Bt-Mb V Sem	9933214378	<i>Ayaan</i>
25.	Deblina Tarafder	Msc MB I Sem	8088583819	<i>Deblina</i>
26.	Siddarth . R	Bt-Mb V Sem	7994166429	<i>Siddarth</i>
27.	Emani Akhila	Bt-Mb V Sem	6363936254	<i>Akhila</i>

MS RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE BANGALORE  
BIO HACKATHON-2023

BIO VEG CHISELING

	Name	Points-Dpt/Sem	Remark- Phone no.
1.	Kavya.M.	}	①
2.	Lekhana.V.		
3.	Naynashree S.H.	BSc BT	9535448696
4.	Nisarga.B.	5 <sup>th</sup> sem	
5.	Anjali	}	③
6.	Chahat		
7.	Jeevitha	}	④
8.	Eshitha		
9.	Charitha	}	⑤
10.	Arshiya		
11.	Emani	}	⑥
12.	Nejuma		
13.	Chandana NL	}	⑦
14.	Poojitha R		
15.	Shravya M.V.	}	⑧
16.	Queeney Raina		
17.	Sanchita Singh	}	⑨
18.	Shalini.S		
19.	Saion Roy	}	⑩
20.	Nachiketa.S.		
21.	Pujitha.D.V.	BT MB V sem	8247236998
22.	Meghana.K.S.	"	9019683105

Sign

Nisarga

Chahat

Charitha

Emani

Nejuma

Raina

Singh

S. Roy

Pujitha

Meghana

6363097950

C - V Sem

9103234080

B - V Sem

8217082499

B - V Sem

7029131850

B - V Sem

23.	Spoorthi P?	BTMB	8296925909
24.	Nihanika } 12	5th sem	9008723836.
25.	Ria Raghun } 13	5th sem	7975923598
26.	Sarah S. } 13	BTMB	-
27.	Alaina		
28.	Ranjitha R } 14	5th sem	9663501396
		BTMB	7892183916

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**Title: Intercollegiate Fest Highlights: BIO HACKATHON 2023**

**Date: 21st and 22nd December, 2023**

The Department of Biotechnology and Genetics in collaboration with DBT Star College Scheme, MSRCASC showcased an amalgamation of creativity, innovation, and sustainable practices by conducting two days Intercollegiate fest **BIO HACKATHON 2023** between 21 to 22 Dec 2023. This momentous occasion witnessed the illumination of the festivity by DBT Star coordinator and Vice Principal Dr. Pushpa H and Vice Principal Prof. B. S Jayarama, as they ceremoniously light the lamp to signify the commencement of the event along with Head, Department of Biotechnology & Genetics Dr. Lakshmikanth R N. The Research team, Heads of various departments, Faculties and student participants from in and around Bengaluru witnessed the moment. The participants from different colleges such as SJRCW, Maharani's Cluster University, Ramaiah Applied Sciences University, REVA University, Kristu Jayanthi, Bishop Cottons College along with our college students actively participated in the events. Overall, 97 students participated in two days events. The event featured two exciting competitions, Bio Brush and Bio Veg Chiselling on the first day, followed by Bio Pot Painting and Bio Cartooning on the second day. The fest aimed to bring together students from various colleges to celebrate and explore the intersection of art and biology.

**Objectives**

- Promoting creative engagement with Biology
- Fostering innovative in bio brush designing
- Encouraging artistic expression through bio cartooning.
- Showcasing the intersection of culinary arts and biology through vegetable carving.

**Outcome:**

The above objectives aim to combine education, creativity, and fun with realm of biology. It will contribute to a more vibrant and interdisciplinary approach to biology, fostering a deeper appreciation for the subject and its intersections with various creative disciplines.

**Bio brush and Bio Veg Chiselling (21st Dec):**

The Bio brush competition on the first day witnessed participants channelling their creativity to design various arts to connect biology with their artistic skills. Concurrently, the Bio Veg Chiselling competition challenged participants to carve intricate designs/models from vegetables, promoting the idea of science with creativity.

**Bio-Pot Painting and Bio-Cartooning (22nd Dec):**

The second day of the fest featured the Bio pot Painting competition, where participants demonstrated their artistic prowess by painting pots using paints and incorporating themes related to biodiversity and nature conservation. The vibrant and environmentally friendly

artworks not only served as a visual treat but also conveyed powerful messages about the importance of preserving the planet.

Simultaneously, the Bio cartooning competition brought humour and wit into the spotlight, as participants illustrated thought-provoking cartoons centered around biological concepts, conservation, and sustainable living. The cartoons not only entertained but also served as a medium to raise awareness about critical environmental concerns, novel technologies like CRISPR-CAS, prevailing diseases such as COVID-19, cancer, microbial infections etc.

The events were judged by 1 external and 1 internal judge on both the days. For Bio Brush and Bio veg chiselling Dr Prashanthi, from Ramaiah Applied Science University and Dr Adhishakti, from MSRCASC were external and internal judges respectively. Day 2, the external judge was invited from Ramaiah Institute of Technology Dr. Ahalya along with her Dr. Savitha from MSRCASC evaluated Bio Pot Painting and Bio Cartooning.

Towards the end of the second day, the Principal Dr. Vatsala G presided the valedictory function and addressed the gathering. The other dignitaries were DBT star Coordinator and Vice Principal Dr. Pushpa H, Heads of various departments and research team of MSRCASC graced the occasion. Winners were given away with the cash prizes and certificates along with the participation certificates to all the students participating in the event. Besides, student volunteers were awarded with the certificate of appreciation for their excellent team work. At the end, HOD, department of Biotechnology & Genetics appreciated the Event Coordinators Dr. Vinutha M, Dr. Geetika Pant, Dr. Rashmi Nagesh and Dr. Pramod Desai for the smooth conduction of the event.

### **Conclusion:**

The intercollegiate fest provided a platform for students to showcase their artistic talents while emphasizing the significance of science in art and daily life. The events successfully merged creativity with biology, fostering a deeper understanding of the interconnectedness of the two fields. The fest left participants and attendees inspired to incorporate eco-friendly practices into their artistic endeavours, promoting a more sustainable and environmentally conscious future.



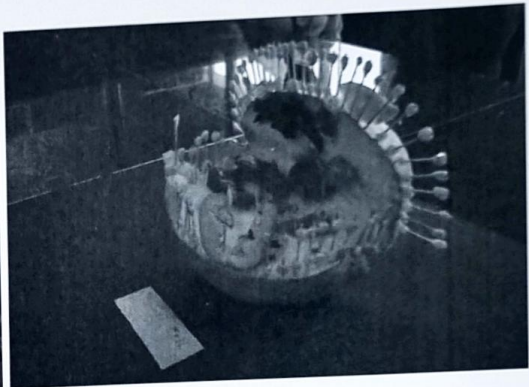
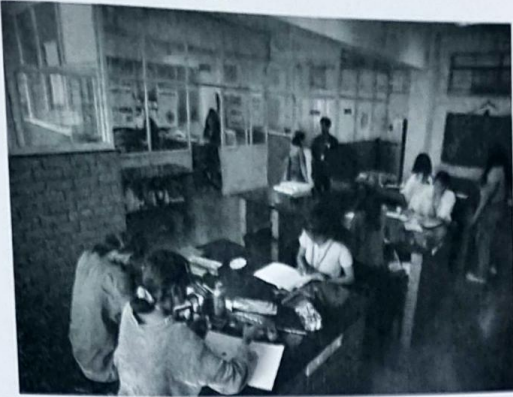


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**Bio Hackathon 2023 – Event Clippings**