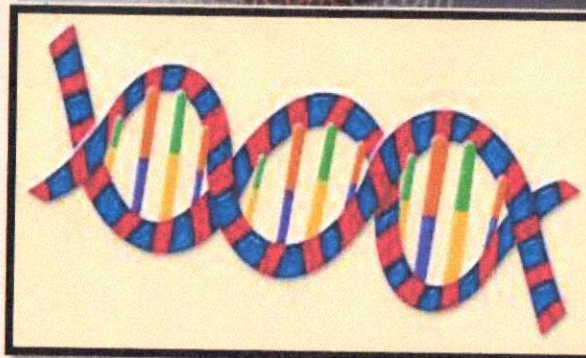
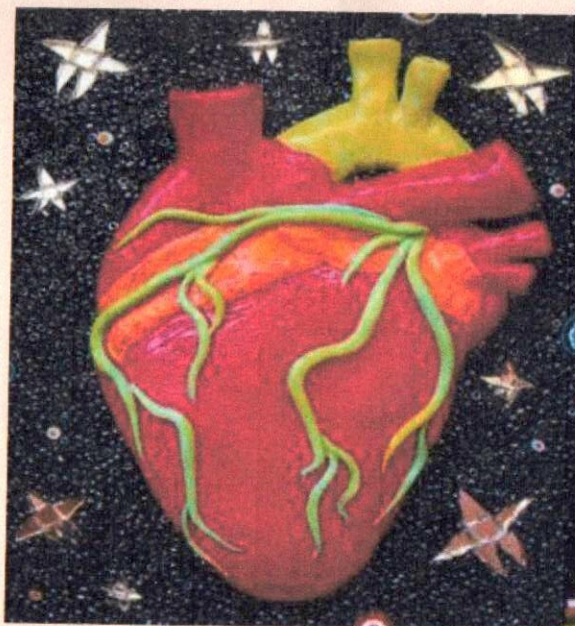


Patrons

Dr. M.R. Jayaram, Chairman, GEF
Sri M.R. Janikiram, Director, GEF Sri
M.R. Kodandaram, Director, GEF
Sri B.S. Ramaprasad, Chief Executive, GEF (E&GS)
Sri G. Ramachandra, chief of Finance, GEF (E&GS)
Dr. A. Nagarathna, Professor and Principal, MSRCASC

Organizing committee

Dr. Channarayappa, Professor and Head
Dr. Jayashree, DR, Associate Professor
Dr. Lakshmikanth, RN, Assistant Professor Dr.
Ramakrishnaiah, TN, 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.
Beulah Angel, Assistant Professor
Dr. Pavithra Kumari H.G., Assistant Professor
Dr. Muktha H., Assistant Professor
Dr. Savitha, Assistant Professor
Dr. Pramod Desai, Assistant Professor



School Science Project: Model Building for Better Understanding

Environmental Committee

Venue:

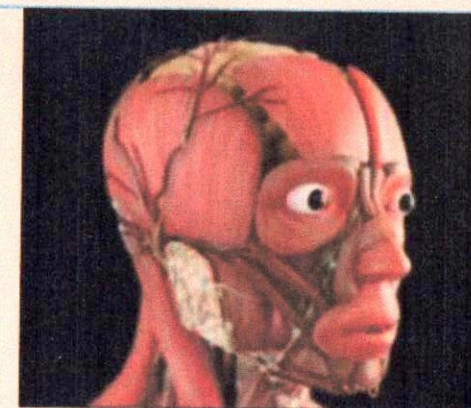
**BLOSSOMS SCHOOL
BAGALGUNTE MAIN W NO 14
BENGALURU NORTH**

Organized by

Department of Biotechnology and Genetics
M S Ramaiah College of Arts, Science and
Commerce Bengaluru – 560054

Important Dates

Date of Event & Activity : 14-02-2022



About the 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 (f) & 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 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 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 opportunities by conducting various curricular and extracurricular activities.

About the Programme:

Go beyond classroom learning

School and colleges are governed by timetables, standards, assessments and curricula. Not very often are children given the opportunity to learn outside of these formal structures, try something outside of their comfort zone or come into contact with a whole new set of peers. This is a kind of thinking out of the box. The best extracurricular programs may support academic studies, but they should also deliver an experience which takes children far above and beyond the time they spend in school/college.

Hence, the current activity is designed to learn collaboration, teamwork, leadership skills and the importance of working together despite differences to reach a common goal. Practicing these skills and building relationships with non-school peers can set young people up for a lifetime of healthy and productive professional and personal relationships.

It has possible to use extended learning activities to provide balance for the students. This will benefit at both the ends (school children as well college students) to focus concentration, provide calm, quiet space, which require social interaction. Whatever the unique needs of a child we can help provide equilibrium and take care of their wellbeing.

Modelling Goals & Purposes:

- Represent and build system understanding.
- Integrate knowledge within a course, a majorly, or across an entire program of study to associate concepts.
- Explain or predict relationships among concepts, structures, or species.
- Illustrate the dynamics of a system over time.

Objectives of the Program

- To give students opportunities to engage and conceptualize discoveries in science.
- To develop an awareness and knowledge on skill learning with the scientific models.
- Popularize scientific spirit amongst the younger minds.
- Kindle the young minds to become creative

Outcome of the Program:

- Students will broaden their scientific thinking and
- increase the problem solving skills.
- Motivating the students to embark scientific path



Benefits for participation the event:

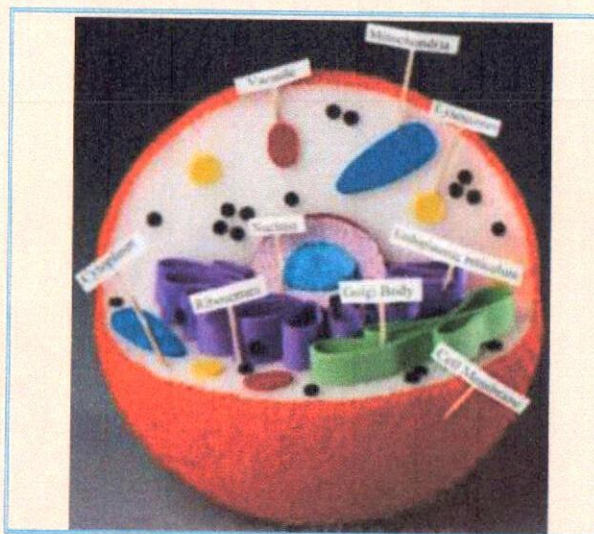
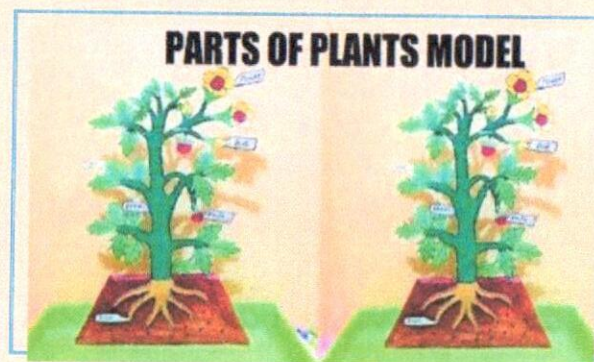
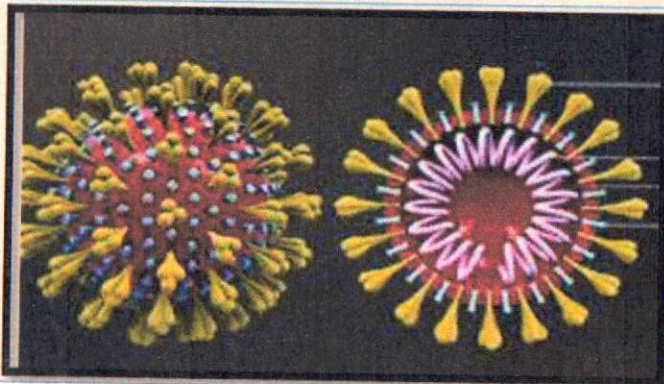
- It provides a platform to develop a real learning for the students
- It will help our students to showcase their skills and talent through model building and sharing their ideas with the school children.
- It will also improvise on the presentation skills of the students and develop team work amongst them.

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Dr. Pavithra Kumari H.G., Assistant Professor
Dr. Muktha H., Assistant Professor
Dr. Savitha, Assistant Professor
Dr. Pramod Desai, Assistant Professor



Science Working Models for Problem Solving

Environmental Committee

Venue:

**Acharya Gurukula Vidyakendra
Composite PU College**

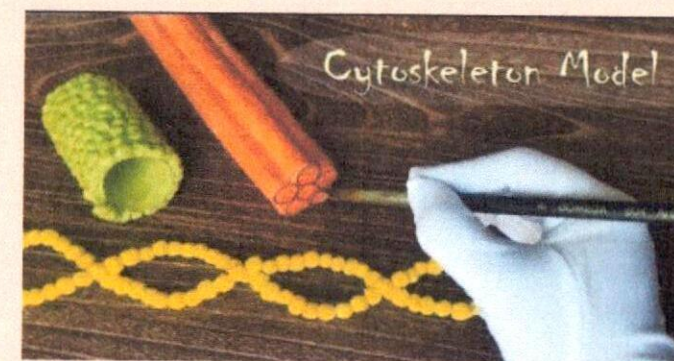
9th Cross, Bagalagunte,
Hessaragatta Main Rd. Bengaluru

Organized by

Department of Biotechnology and Genetics
M S Ramaiah College of Arts, Science and
Commerce Bengaluru – 560054

Important Dates

Date of Event & Activity : 14-02-2022



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Modelling Goals & Purposes:

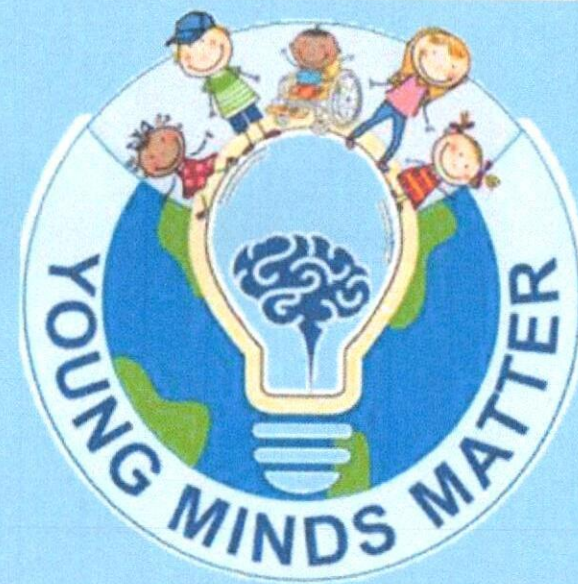
- Represent and build system understanding.
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Objectives of the Program

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Benefits for participation the event:

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RAMAIAH

College of Arts, Science &
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



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

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

DBT Star College Scheme

Ref. No. MSRCASC/EC/CIR/2021-22/13

Date: 5-02-2022

CIRCULAR

Environmental Committee Department of Biotechnology/Genetics

Department of Biotechnology/Genetics has organised Extension & Neighbourhood activity in association with Environmental Committee (IQAC initiative) an awareness for School and Junior college students of neighboring institutions in Bengaluru, on Monday, 14/02/2022.

With this regard all the faculties and students of UG are hereby informed to participate in the program.

Two Institutions to be visited

(ii) Acharya Gurukula PU college, Bagalagunte, Bengaluru.

Theme: "Skill Based Scientific Model Building"

Time: 10:00 a.m. – 1.00 p.m. (i) Blossoms School Bagalgunte Bengaluru North.

Bagalgunte, Bengaluru.

Title: School Science Project, Model Building for Better Understanding

Time: 2:00 a.m. – 5.00 p.m. (ii) Acharya Gurukula PU college, Bagalagunte, Bengaluru.

Hesragatta, Bengaluru.

Title: Science Working Models for problem Solving

Faculties Incharge: Dr. Jayashree D.R. & Dr. Pramod Prakash Desai


Convener


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

M S Ramaiah Nagar
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+91 80 2360 6905
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E principal.msrmasc@gmail.com
W www.msrmasc.edu.in

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

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DBT Star College Scheme

EXTENTION ACTIVITY**Department of Biotechnology/Genetics****Programme Schedule**

14/07/2022

- 10 : 00 am : Departure to the Destination
- 11 : 00 am : Blossoms School, Bagalgunte, Bengaluru North
(Explicate and demonstration of Scientific Model)
- 12:30 pm : Interaction with the Students
- 1 : 00 pm : Lunch
- 2 : 00 pm : Acharya Gurukula PU college, Bagalagunte, Bengaluru
(Explicate and demonstration of Scientific Model)
- 3 :30 pm : Interaction with the Students
- 4 : 30 pm : Arrival to MSRCASC

Faculties Incharge:

- 1) *Dayashree*
- 2) *Dani*

HoD**Dr Channarayappa**

Prof. and HOD

Dept. of Biotechnology and Genetics

Ramaiah College of Arts, Science and Commerce

Bangalore-560 054.

Principal

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

M S Ramaiah 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

Report on Extension & Neighbourhood activity, an awareness Program Best Practice of Department

Department of Biotechnology/Genetics organised Extension & Neighbourhood activity in association with Environmental Committee (IQAC initiative) an awareness on, "Skill based Scientific Model Building", for School and Junior college students of neighboring institutions in Bengaluru, on Monday, 14/02/2022.

Two Institutions were visited (i) Blossoms School Bagalgunte Bengaluru North.

(ii) Acharya Gurukula PU college, Bagalagunte, Bengaluru.

No. of Participants: 31 students

About the Programme:

To go beyond classroom learning

The activity was designed to learn collaboration, teamwork, leadership skills and the importance of working together despite differences to reach a common goal. Practicing these skills and building relationships with non-school peers can set young people up for a lifetime of healthy and productive professional and personal relationships. It's possible to use extended learning activities to provide balance for the students. This will benefit at both the ends (school children as well college students) to focus concentration, provide calm, quiet space, which require social interaction. Whatever the unique needs of a child we can help provide equilibrium and take care of their wellbeing.

Objectives of the Program

To give students opportunities to engage and conceptualize discoveries in science.

To develop an awareness and knowledge on skill learning with the scientific models


Popularize scientific spirit amongst the younger minds

Outcome of the Program:

- Students will broaden their scientific thinking and increase the problem solving skills.
- Motivating the students to take up their career in science

Benefits of participation to students:

- It provides a platform to develop a real learning for the students


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M.S. Ramaiah College of Arts, Science & Commerce
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Bangalore - 560 054

- It will help our students to showcase their skills and talent through model building and sharing their ideas with the school children.
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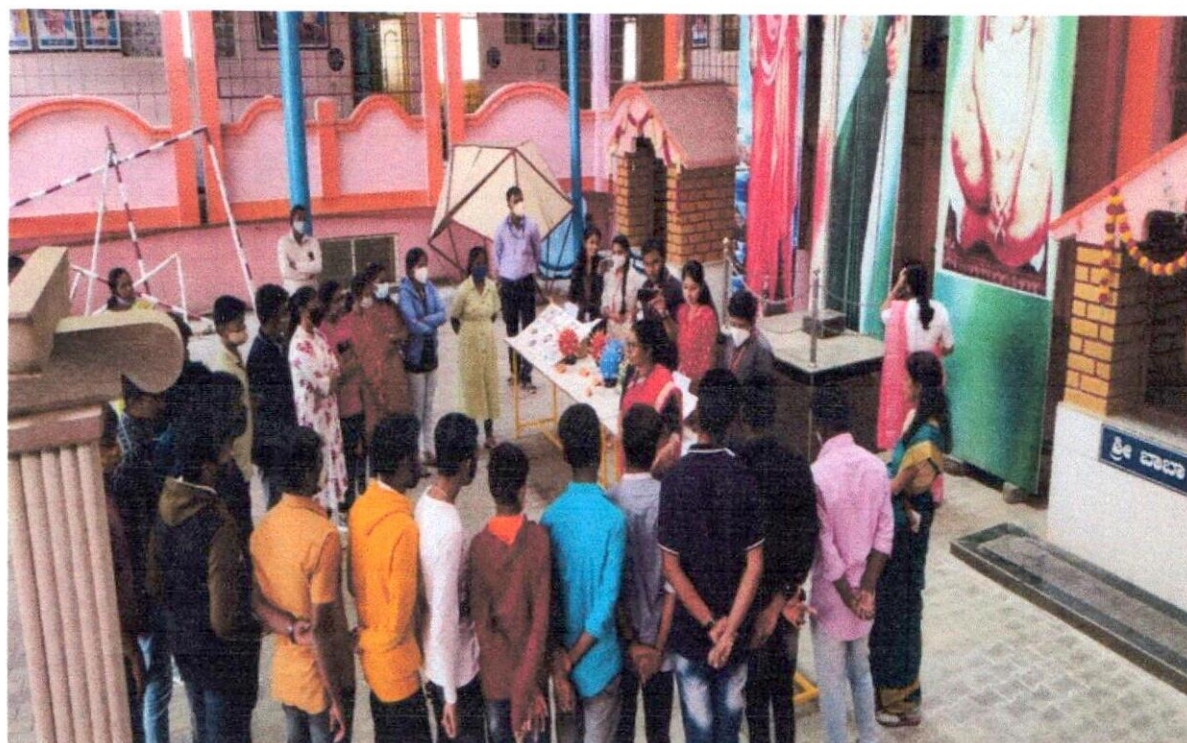
Blossom School

Working Model explanation on HIV infections - Students of M.S. Ramaiah College



Blossom School with the Management, Head Mistress Mrs. Leela, Staff & Students

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M.S.Ramaiah Staff & Student Interaction sessions on the Skill Based Models



**M.S. Ramaiah Students interaction with Acharya Gurukula PU college,
On Covid -19 Working Model**



Acharya Gurukula PU college Principal Dr. Prathiba, Staff and Students

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

**RAMAIAH**

College of Arts, Science & Commerce

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DBT Star College Scheme

**Department of Biotechnology and Genetics
Extension Activity****Skill Based Scientific Model Building"****Participants Registration List
February 14, 2022**

Sl.No	Register No.	Student Names	Phone No.	Signature
1	S2014546	NEHA . S	8904329948	
2	S2014560	Prajwal P. Hebbali	9900950756	
3	S2014588	Sayi Sudharshana	9886844670	
4	S2014612	VASHAS . V	6360115367	
5	S2014592	Sharath . S . N	8050922712	
6	S2014570	Rakshitha's Thapa	7259441182	
7	S2014579	Sri Nand	9980836651	
8	S2014580	Sakshi . N . Mural	9740618852	
9	S2014544	Narmatha . Y	9620232481	
10	S2014559	Prajwal . N . S	9901300824	
11	S2014568	Rakshitha . n	8748985352	
12	S2014552	Nithyashree . G	8431653009	
13	S2014542	Najia Banu . A	8546819453	
14	S2014563	Prithvika . R	8050098866	
15	S2014555	Pavithra . S	9535764114	
16	S2014577	Sahana . R	9740137895	
17	S2014565	Priyanka . S	7892669329	
18	S2014576	Sagnik Mukherjee	9749266709	
19	S2014572	Ravi Kuan . b	7618729393	

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20	S2014597	Shruti Ponnal	9587408420	<u>HL</u>
21	S2014595	Shaurya S Rai	9535031040	<u>Sh. S. Rai</u>
22	S2014600	Shaulgouri A	7829029416	<u>Shaulgouri A</u>
24	S2014599	Shravya B	8861645622	<u>Shravya B</u>
25	S2014584	Samyuktha A	7026729759	<u>Samyuktha A</u>
26				
27				
28				
30				
31				
32				

Teachers Incharge:

1. Shayashree
2. Poul

HOD

Dr Channarayappa

Prof. and HOD

Dept. of Biotechnology and Genetics

Ramaiah College of Arts, Science and Commerce

Bangalore - 560 054

Principal,

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MSRIT Post, MSR Nagar

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