



RAMAIAH
College of Arts, Science &
Commerce

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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 & 2B of UGC act 1956



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

Ranked 55th in NIRF India Ranking by MHRD, New Delhi

DBT Star College Scheme

Date:27/07/22

From,

The principal,

Ramaiah College of arts Science and commerce,

Bengaluru-54

To,

Head master,

M S Ramaiah High school,

M S R Nagar,

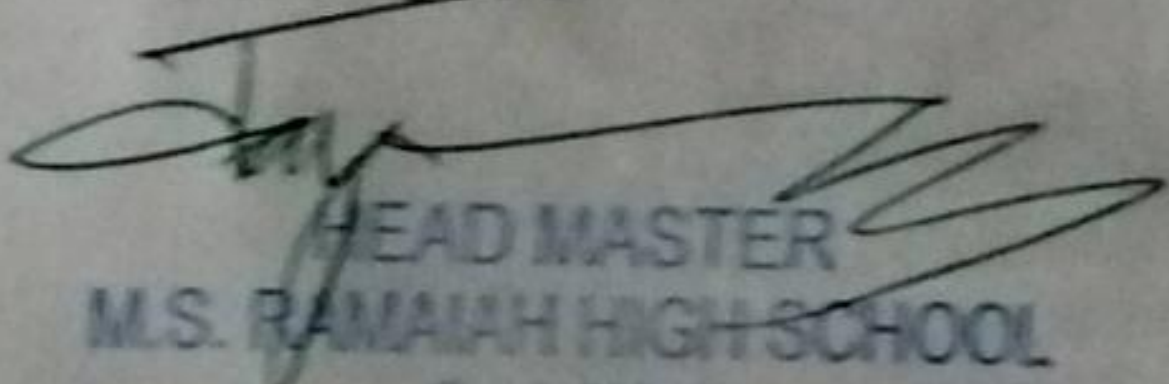
Bangalore -560054

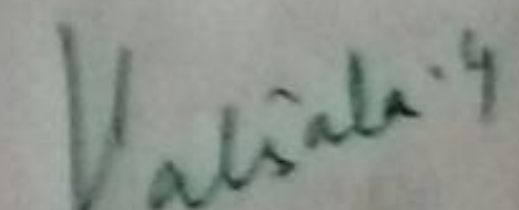
Respected sir/madam,

Sub: Requisition for the approval to do outreach Programme.

With respect to the above, our staff and students are planning to organize the outreach activity on 3rd and 4th August 2022 in your school. During this Programme, they will brief about Importance of basic science in daily life and different aspects of chemistry in day today life and also demonstrate the experiments which is there in the 9th and 10th std syllabus. I am requesting you kindly to permit for the same.

Thanking you


HEAD MASTER
M.S. RAMAIAH HIGH SCHOOL
Govt. Aided
M.S.R.I.T. Post, Bangalore - 560 054.


Yours faithfully
Principal,

M.S. Ramaiah College of Arts, Science & Commerce
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Ref.No: MSRCASC/CHEM-BIOCHEM/2021 - 22/31

Date: 13/07/2022

CIRCULAR

Department of Chemistry / Biochemistry

Dept. of Chemistry and Biochemistry is organizing an outreach (Extension activity) on 03/08/2022 and 04/08/2022 at M S Ramaiah High School, MSR Nagar, Bangalore-54. The activity will educate the high school students about Importance of Basic science in daily life and different aspects of chemistry and Biochemistry come across in day-to-day life and also demonstration of the science experiments which are there in the 9th and 10th std syllabus. Interested students are here by informed to register your names in department of chemistry.

Event Coordinators:

1. **Mr. Surendra A S**
Assistant Professor
Dept. of Chemistry/Biochemistry
2. **Mrs. Usharani S R**
Assistant Professor
Dept. of Chemistry/Biochemistry

S. G. Prof
HEAD OF THE DEPARTMENT
Head of the Department
CHEMISTRY / BIO-CHEMISTRY
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Valsala

PRINCIPAL
Principal,

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DEPARTMENT OF CHEMISTRY/BIOCHEMISTRY

REPORT ON EXTENSION ACTIVITY/OUTREACH ACTIVITY

Event Date: 03/08/2022 and 04/08/2022

Place: M S Ramaiah High School, MSR Nagar, Bangalore-54

Event Coordinators: Mrs. Usharani S R and Mr. Surendra A S
Department of Chemistry/Biochemistry

Number of Student Representatives: 17

Number of Students Benefited: 96

Program Objective: To educate the high school students about Importance of Basic science in daily life and different aspects of chemistry and Biochemistry come across in day-to-day life and also demonstration of the science experiments which are there in the 9th and 10th std syllabus.

Department of Chemistry and Biochemistry, Ramaiah College of Arts, Science and Commerce, organized an outreach program/Extension activity on 3rd August 2022 and 4th August 2022 to educate the high school students about Importance of Basic science in daily life and different aspects of chemistry and Biochemistry come across in day-to-day life and also demonstration of the science experiments which are there in the 9th and 10th std syllabus at M S Ramaiah High School, MSR Nagar, Bangalore-54.

It was led by faculty members of Chemistry/Biochemistry department, Mrs. Malini M R, Mr. Surendra A S and Mrs. Usharani S R along with the student representatives. The main aim of the program was to educate the students about the importance of Basic science and different aspect of chemistry and biochemistry come across in day-to-day life .The program started with the lecture on "Importance of Science" by Mrs. Usharani S R., she explained the importance of Science and Chemistry for the students.

Miss. Harshitha P (VI Sem BT) and Mr. Kalicharan H C K (IV sem BT) had explained the Determination of Density, Viscosity and Surface tension Experiments . they started the explanation with Definition of the terms by the demonstration of simple experiments and they explained the determination of Density, Viscosity and Surface tension using the instruments.

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Mr. Nagaraj M M (VI Sem BT) and Mr. Kedarnath K (VI Sem BT) had explained the Determination of Melting point and Boiling point. They explained the definition of the terms with the factors affecting melting point and boiling point. Later they demonstrated the experiment for the determination of melting point and boiling point.

Miss. Nagadeepthi S N (VI Sem BT) and Mr. Dhanush L Nadagouda (IV sem BT) had explained the separating the components of a Different Types of mixture. They demonstrated the separation of components of a different types of mixture using instruments. They also explained the importance of separating components from the mixture. Mr. Darshan Balaji (IV sem BT) had explained about the different types of chemical reactions. He explained the difference between the different types of chemical reactions by giving the examples. He also demonstrated few reactions.

Biochemistry students had explained the biology experiments using microscope, cells (plant, animal and bacteria) and cell division. The session was enthusiastic. Students were interactive and good. They felt very happy and interested. The staffs of the school are also felt very happy and grateful to RCASC, Chemistry Department for conducting this program.

Program Outcome: The Students of the M S Ramaiah High School, understood the importance of science and different aspect of chemistry and biochemistry come across in day-to-day life.



Ms. Harshitha P and Ms. Nagadeepthi S N explaining and demonstrating the Determination of Density and Separation of Components from the mixture

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Mr. Kedarnath K and Mr.Nagaraj M M explaining and demonstrating the Determination of Melting point and Boiling point



Mr. Darshan explaining and demonstrating the different types of Chemical reactions



Biochemistry students explaining the Biology experiments

Vatsala '19

Principal,
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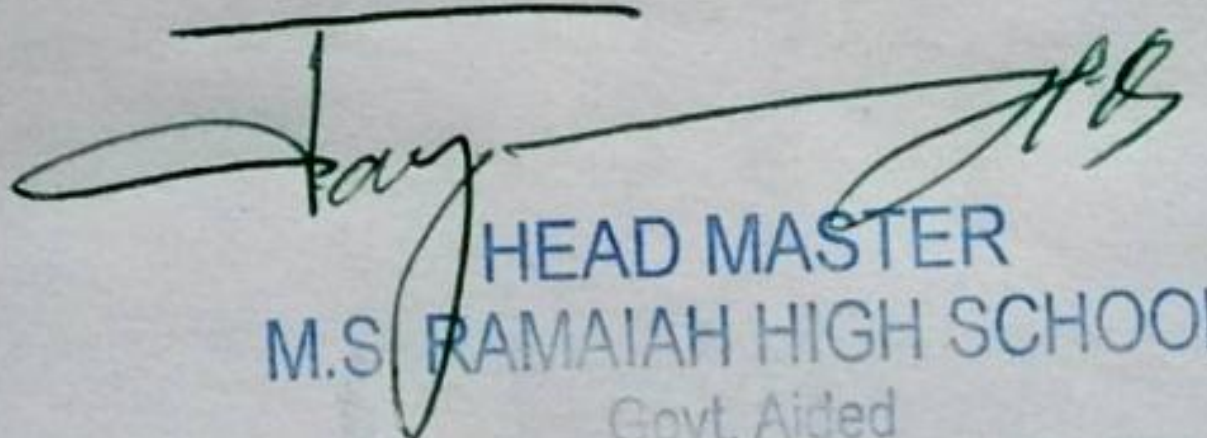
Date : 04.08.2022

Appreciation Letter

Mr. Surendra A S, Mrs. Usharani S R, Assistant professors, and Student representatives from the Department of Chemistry/Biochemistry of M S Ramaiah College of arts, science, and commerce, have visited our school on 3/8/22 and 4/8/22 as part of their extension activities.

They created awareness on the "Importance of Chemistry and Biology in day-to-day life" by demonstrating practical experiments in Chemistry and Biology for 8th, 9th, and 10th standard students of our school.

They ignited the practical interest in chemistry and biology among students. Our students were very enthusiastic. The team surely succeeded in developing an interest to study science in the future. We really appreciate their effort and we expect similar kinds of activities in the future from your Department.


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