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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 & 128 of UGC act 1956

Recognized by UGC under 2f & 128 of UGC act 1956
(National Institutional Ranking Framework, Ministry of Education, Govt of India)
Ranked 62" in NIRF India Ranking by MHRD, New Delhi
DBT Star College Scheme

REF: MSRCASC/MB/21-22/O13-B Date: 15.09.2022

Circular

Department of Microbiology

EXTENSION ACTIVITY

The students of B.Sc. and M.Sc. archereby informed that, there is an Extension activity on "Awareness on Micro-organisms" on the occasion of International Microorganisms Day- 20th September 2022, organized by the Department of Microbiology in association with NSS, under the DBT –STAR College Scheme. The event will be to educate the high school children about the study of Viruses, Bacteria, Fungi, Protozoa and Algae, of the Class of Standard-VIII, IX and X. The students are hereby informed to participate in the activity and assemble in the college premises.

Co-ordinator

DBT - STAR College scheme
Head of the Department
MICRO BIOLOGY
Ramaiah College of Arts,
Science & Commerce
Bangalore - 560 054

Principal

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

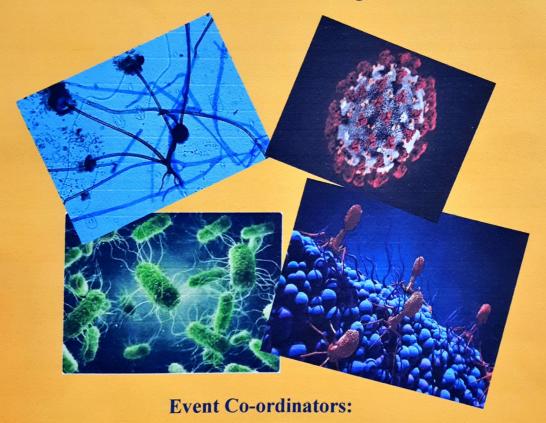


An awareness program on Microorganisms

Organized by

Department of Microbiology

Objective-To create an awareness on microorganisms to school children



Dr. Prasanna Srinivas

Associate Professor, Department of Microbiology, Contact Number: 9880126506 Dr. Yogesh D

Assistant Professor,
Department of Microbiology
Contact Number: 9964566500

Dr. Ramesha A

Assistant Professor,
Department of Microbiology
Contact Number: 9900804204



Dr. M S 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, 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.

The Department of Microbiology, established in the year 1999, offers both undergraduate and postgraduate courses. The faculty of the department are highly qualified with experience and expertise in various domains of Microbiology. The department has very good infrastructural facilities to carry out teaching and research activities. The theory and practical classes lay emphasis on 'problem based learning', knowledge content, utility value, application in real life, latest developments etc. The department is undertaking research projects in the major thrust areas of microbiology and attracted funds from various agencies. Also, the faculty of the department carry out multi-disciplinary research programs, encourage students to carryout in-house research projects, present papers, publish their research work and to participate in co-curricular and extra-curricular activities.

About the program

Microorganisms have directly or indirectly always have effects on our daily life. Microorganisms plays a vital role in our health and diseases and are found everywhere. Microbiology is the systematic study of life forms at microscopic level which includes Bacteria, Virus, Fungi, algae and protozoa mainly. It is important to create interest and awareness about microbiology and microorganisms to school children in order to spark curiosity in

In this regard Ramaiah College of Arts, Science and Commerce is keen in creating awareness and has organized an awareness program for school children for observation with live demonstration of Microscopy, specimens slides, posters and talk presentation by the PG Microbiology students.

Patrons

Dr. M. R. Jayaram, Sri. M.R. Janakiram, Sri. M. R. Kodandaram,

Sri. B. S. Ramaprasad, Sri. G Ramachandra,

Chairman-GEF **Director-GEF Director-GEF**

Chief Executive- GEF (Engg. & GS) Chief of Finance- GEF(Engg. & GS)

Organizing committee members

Dr. Vatsala G Dr. Pushpa H

Dr. Snehalatha V Dr. Vemula vani Dr. Prasanna srinivas R Mrs. Soumya S shanbhag Dr. Ashok kumar H G Dr. Yogesh D Dr. Juliya Rani Francis

Dr. Ramesha A Dr. Manikandan Dr. Bhanupriya Dr. Nimita C V Mr. Surendra A S Principal, RCASC

Vice Principal, Professor & Head, Microbiology

Associate Professor Associate Professor Assistant Professor

Assistant Professor Assistant Professor Assistant Professor



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DBT Star College Scheme

Report on

Extension activity

on

"MICROBES IN HUMAN WELFARE" ON THE OCCASION OF INTERNATIONAL MICRO ORGANISMS DAY- 17TH SEPTEMBER

Objectives: To create awareness about the diversity of micro organisms and their significance.

Venue: Government Girls School and Pre University College, Bengaluru

Date of conduction: 20th September 2022

No. of Participants: 250- Class of Standard-VIII, IX and X

International Micro-organisms Day-17thSeptember 2022. The event was to educate the high school children about the study of Viruses, Bacteria, Fungi, Protozoa and Algae. The Under graduate students and few Post graduate students of Microbiology were involved in preparation of permanent slides of various microorganisms, charts and flash cards to help the school children in understanding the role of microorganisms and their influence on Human Welfare. The students were prepared to explain about the different forms of micro organisms, their structure, reproduction and their importance. Bangalore on24thMarch 2021(11:00 am). A total of 165 members including UG and PG students along with faculty members took active participation in the activity.

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The activity was formally started at 10.30 am, by our Respected Principal Madam Dr. Vatsala and coordinated by all the faculty members of Department of Microbiology, MSRCASC.

The students and faculty reached the school at 11am, wherein the teachers welcomed us. The session started with an invocation song by one of the 9th standard students. The UG and the PG students were assigned the two sections of Standard VIII and three sections of Standard IX.

Every session started with an introduction on various micro-organisms present, their habitat, structure, reproduction and its significance. The study of Viruses, Bacteria, Fungi, Protozoa and Algae were well explained by the students. A detailed description of each organism was done along with the focus of permanent slides of Lactobacillus, Rhizopus, Aspergillus, Penicillium, Anabaena, Amoeba and Paramoecium. The students showed lot of interests in learning more about its pathology and Control of diseases. The session was extended to the stanadard X, to know more about micro-organisms and their importance. The session ended at 1 pm with a photo session and chart distribution to class representative of standard VIII, IX and X. The students shared their experience and Ms. Yashoda, the faculty of Biology delivered the vote of thanks, The session ended with the national anthem and mutual thanks giving.

Outcome of the Activity: The school children learnt more about the various micro organismstheir structure, pathogenicity, principles of staining, prevention and control. The students interacted to know more about the benefitialmicro organisms and their significance. The charts on Carbon cycle, Nitrogen cycle and Biofertilizers were very benefitial to the student.



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M.S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE

DEPARTMENT OF MICROBIOLOGY

In association with NSS and YRC

Name of the Event- On the occasion of International Micro organisms Day-Educating High school students about the Awareness of Microbes in Human welfare

Date of Conduction - Sep 20th 2022 at Government Girls School, Bengaluru.

Student Participation and attendance

| SI.No | Name of the Student | Class and Section | Signature |
|-------|-------------------------------|-------------------|---------------|
| 1 | | MSC 2nd Sem MB | (yespikay |
| 2 | Deepika. H Akshitha. P | MSc 2nd Sem MB | Abilita |
| 3 | Shuetha. B.S | MSc 2rdsem MB | Jos. |
| 4 | Sonia. J | MSc 2nd sem MB | Sonia.7 |
| 5 | Madhulhea D | MSc 2nd Sem MB | Madle (1). |
| 6 | Sahana .H.N | MSc 2nd sem MB | Sanghetty |
| 7 | Vidya.R. | MSC 2nd Sem MB | Vidye P |
| 8 | Sunitha M CP18 EV2150059) | Msc and semmes | funitho.M |
| 9 | Karya R. Bhat (P18EV2150070) | MSC 2nd Sem MB | |
| 10 | Bharya H. A (PISKY2180074) | | |
| 11 | Sardrya. S (PI8 EV2 1 S0078) | | Earldyn |
| 12 | Naicy: K (DISEVAIS0094) | MSc 2rd Sem MB | |
| 13 | Thuski .T.A (PIBEV2150095) | Msc and sem MB | The Marrie |
| 14 | Ankana Raha (placvals0096) | MSc and Sem MB | Anilara Rahe |
| 15 | Sautha. MR. (PIBEV2150082) | | Saui-M.R |
| 16 | Anush Marbaile | MSC. 2nd sem MB | duas balli |
| 17 | Angshumita Mahanta | MSc. 2nd sem. MB | drukt |
| 18 | Sheva prasanna Bhat | MSc. 2nd sem. MB | Res |
| 19 | Sayantance Seal | MSc. 2 m Lem. MB | S. Sect |
| 20 | M. Cla Vaday | MSc 2nd Jan MB | Myadren |
| 21 | Mhalasa B. R(PISEVISOOSE) | M. Scand sem MB | Milalousa B.R |
| 22 | ManasaoH | MSC and Sem MB | MomasaH |

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