



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

ಎಮ್ ಎಸ್ ರಾಮಯ್ಯ ಕಲಾ, ವಿಜ್ಞಾನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು

**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 62<sup>nd</sup> in NIRF India Ranking by MHRD, New Delhi

DBT Star College Scheme

## Orientation course Report – 2021-2022

### MSc- Microbiology

#### Objective:

To equip newly joined students to with knowledge and the confidence needed to take bigger challenges as a future Microbiologist.

#### Syllabus:

1. Entry Level Test (Dr. Vemula Vani)
2. Introduction to Basic Microbiology (Dr Pushpa H)
3. Scope and Branches of Microbiology (Dr Ashok)
4. History of Microbiology (Dr Nirmala)
5. Prokaryotic and Eukaryotic cell (Dr Ramesha A)
5. Career opportunities and application in Industries and Research (Dr Prasanna Srinivas)

#### Time Table:

Day			
15-12-2021	Introduction to the Department of Microbiology and Entry Level Test-MCQs (Dr. Pushpa H)		
16-12-2021	Discussion about QPD of Entry Level Test (Dr Snehalatha V)	Discussion about QP of Entry Level Test (Dr. Pushpa H)	Discussion about QP of Entry Level Test (Dr. Prasanna Srinivas)
17-12-2021	Dr. Ashok Kumar	Dr. Nirmala	Dr. Ramesha A
18-12-2021	Dr. Ashok Kumar	Dr. Nirmala	Dr. Ramesha A

**Outcome:** During the interaction in bridge course with faculty and their classmates, the students got confidence in the subject and students came to know the scope and career opportunities after their BSc-Microbiology.

M S Ramaiah Nagar

MSRIT Post

Bangalore 560 054

Head of the Department

MICRO BIOLOGY

Ramaiah College of Arts,

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DBT Star College Scheme

## Orientation programme Report – 2021-2022

### BSc- Microbiology

#### Objective:

To equip newly joined students to with knowledge and the confidence needed to take bigger challenges as a future Microbiologist.

#### Syllabus:

1. Entry Level Test (Dr. Soumya and Dr. Nirmala)
2. Introduction to Basic Microbiology (Dr Juliya)
3. Scope and Branches of Microbiology (Dr Ashok)
4. History of Microbiology (Dr Yogesh)
5. Prokaryotic and Eukaryotic cell (Dr Ramesha)
5. Career opportunities and application in Industries and Research (Dr Prasanna Srinivas)

#### Time Table:

Day			
8-11-2021	Introduction to the Department of Microbiology and Entry Level Test-MCQs (Dr. Manjunatha)		
9-11-2021	Discussion about QPD of Entry Level Test (Dr. Soumya)	Discussion about QP of Entry Level Test (Dr. Nirmala)	Discussion about QP of Entry Level Test (Dr. Prasanna Srinivas)
10-11-2021	Dr. Ashok Kumar	Dr. Yogesh	Dr. Ramesha A
11-11-2021	Dr. Ashok Kumar	Dr. Yogesh	Dr. Ramesha A
12-11-2021	Dr. Ashok Kumar	Dr. Yogesh	Dr. Ramesha A

**Outcome:** During the interaction in bridge course with faculty and their classmates, the students got confidence in the subject and students came to know the scope and career opportunities after their BSc-Microbiology.

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Bhanupriya CH &lt;ch.hemapriya@gmail.com&gt;

## Fwd: Orientation session on National Education Policy 2020

pushpa ramesh <ramesh.pushpa1@gmail.com>  
To: ch.hemapriya@gmail.com

Sat, Nov 12, 2022 at 9:48 AM

----- Forwarded message -----

From: **Principal Msrscasc** <principal@msrscasc.edu.in>

Date: Wed, Oct 20, 2021 at 4:30 PM

Subject: Orientation session on National Education Policy 2020

To: <channarayappa@gmail.com>, <ramesh.pushpa1@gmail.com>, <prasannakumar.chem@gmail.com>, <lochana.rebello@gmail.com>, <shobhamsrcac@gmail.com>, **Dr Nagarathna Amresh** <dr.nagarathnaa@gmail.com>, <lakshmisandal@gmail.com>, <drjayashree2012@gmail.com>, <ramakrishnaiah@gmail.com>, <sowbhagyachandru@gmail.com>, <radha\_varvan@yahoo.co.in>, <way2geetika@gmail.com>, <vinutha\_gowda@yahoo.co.in>, <prashanthib10@gmail.com>, <rashmi.nagesh1689@gmail.com>, <beaulahangel1@gmail.com>, <malinimr@gmail.com>, <suri.jain@gmail.com>, <vasanthkbhaskara@gmail.com>, <roopashreebn1990@gmail.com>, <ramyarr24@yahoo.co.in>, <asha.nair.ks@gmail.com>, <profvkrreddy.vkrreddy@yahoo.com>, <ankammachowdary1@gmail.com>, <amarnathsa@gmail.com>, <vibhamadhava@gmail.com>, <usharanisr.91@gmail.com>, <mvidyalu@yahoo.co.in>, <harish.ukkunda@gmail.com>, <hareesh.kp6@gmail.com>, <leeashxl@gmail.com>, <shashium14@gmail.com>, <bharathkdevendra@gmail.com>, <snehavsuma7@gmail.com>, <vemula.vani@gmail.com>, <microprasanna@gmail.com>, <soum\_sss@yahoo.co.in>, <nirmaladevi1012@gmail.com>, <yogeshdshetty@gmail.com>, <triveni.ag@gmail.com>, <juliyaranifrancois@yahoo.com>, <ramesha.micro@gmail.com>, <padmaja.mandyam@gmail.com>, <jprabha.89@gmail.com>, <contactlakshmimurugan@gmail.com>, <vijayalakshmiibrg@gmail.com>, <rohinijagadish.msrcasc@gmail.com>, <rajunnayaka64@gmail.com>, <preetijain27@gmail.com>, <nehasangram0@gmail.com>, <monuraj930@gmail.com>, <rupesh.kotte@gmail.com>

Dear All,

Greetings from M.S Ramaiah College of Arts, Science and Commerce!!!

### THANK YOU FOR CHOOSING MSRCASC FOR YOUR GRADUATION

#### STUDIES...

The Department of Lifesciences is conducting an orientation session on NEP 2020 for all the I semester Lifescience students on 21.10.2021 at 2.00 pm.

Please join the orientation session along with the parents by using the following Zoom link and find the brochure attached.

<https://us02web.zoom.us/j/87296051400?pwd=b1V5ZUQ2NVhUTHBQdXBBCQWEzZXVNdz09>

Thank you

Regards

Dr. A. Nagarathna  
Principal  
M.S Ramaiah College of Arts, Science and Commerce  
Bengaluru

orientation on NEP.pdf  
228K

<https://mail.google.com/mail/u/0/?ik=ddf477bf8e&view=pt&search=all&permmsgid=msg-f%3A1749262529367028196&siml=msg-f%3A1749262529367028196>

*Dr. A. Nagarathna*  
Head of the Department  
MICRO BIOLOGY  
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*Dr. A. Nagarathna*  
Principal,  
M.S Ramaiah College of Arts, Science & Commerce  
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Bengaluru - 560 054



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

**DEPARTMENTS OF LIFE SCIENCE**  
**Invites you to an**  
**ORIENTATION SESSION ON**  
**NATIONAL EDUCATIONAL POLICY-2020**

**Date: 21<sup>st</sup> October, 2021****Time: 2:00 PM****ABOUT THE COLLEGE**

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 umbrella of GEF, M.S Ramaiah college of Arts, Science and Commerce (MSRCASC) was established in the 1994. The college is affiliated to Bengaluru City University (BCU), approved by AICTE, New Delhi, recognized by UGC under 2(f) and 12 (B) of UGC Act 1956. MSRCASC is reaccredited with "A" Grade by NAAC. MSRCASC has bagged 62<sup>nd</sup> rank under college category in NIRF-2021. Our college is a unique learning institution offering multidisciplinary Programs which plays a pioneering role in providing academic excellence. The college offers Eight UG Programs and six PG programs in Arts, Science, and Commerce with more than 2700 students. The College has excelled record of obtaining many University ranks and Gold medals.

**About Orientation Session:**

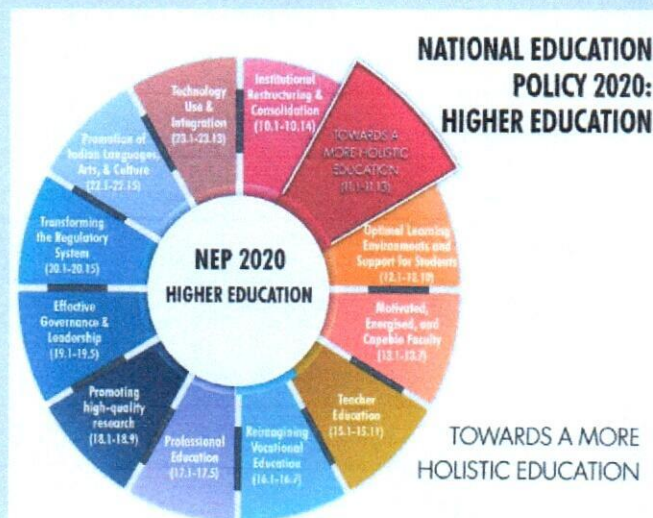
National Education Policy (NEP)-2020 has been implemented by Union Cabinet of India on 29<sup>th</sup> July 2020 to restructure the curriculum in Higher Education system. This policy emphasizes on holistic, multi-disciplinary, skill-based, futuristic education, quality research, and equitable use of technology for better reach in Higher Education Institutions (HEI). The main objective of this session is to give insights on implementation of the National Education Policy -2020 at Higher Education Institution.

**Organizing Departments:**

Department of Biotechnology/Genetics  
Department of Chemistry/Biochemistry  
Department of Microbiology  
Department of English  
Department of Indian Languages

**Conveners:**

**Prof. Channarayappa**, HOD, Biotechnology/Genetics  
**Mr. Prasanna Kumar**, HOD, Chemistry/Biochemistry  
**Dr. Pushpa .H**, HOD, Microbiology, MSRCASC

**Date: 21<sup>st</sup> October, 2021****Time: 2 :00 pm****Joining Link: (Zoom Platform)****<https://us02web.zoom.us/j/87296051400?pwd=b1V5ZUQ2NVhUTHBQdXBBQWEzZXVNdz09>****Dr. A. Nagarathna****Principal**  
**MSRCASC, Bengaluru**

M.S.Ramaiah College of Arts, Science and Commerce, MSRT Post,  
MSR Nagar, Bengaluru-560054 (Re-accredited "A" by NAAC, Affiliated to Bengaluru City University,  
Approved by AICTE, [www.msrmc.edu.in](http://www.msrmc.edu.in)





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## Report on

## Orientation on National Education Policy-2020

## Organized by

## Departments of Life Science

**Date:** 21<sup>st</sup> October 2021

**Venue:** Zoom Platform (Online mode)

**Time:** 2:00 pm

**Coordinators:** Dr. Channarayappa, Dr. Prasanna Kumar, Dr. Pushpa. H

National Education Policy (NEP)-2020 has been implemented by Union Cabinet of India on 29th July 2020 to restructure the curriculum in Higher Education system. This policy emphasizes on holistic, multi-disciplinary, skill-based, futuristic education, quality research, and equitable use of technology for better reach in Higher Education Institutions (HEI).

The main objective of this session is to give insights on implementation of the National Education Policy -2020 at Higher Education Institutions.

Departments of Life Science, MSRCASC had organized an orientation program on National Education Policy-2020 for Students and Parents who took admission for I year and I batch of students under NEP-2020. Mrs. Soumya Shanbhag, Assistant Professor, Department of Microbiology was the moderator for the event, she gave a welcome address to all the students, parents, faculty and other participants to the program online. Later Dr. Pushpa. H, HOD, Microbiology gave an overall picture on NEP-2020 in higher education institution. In the next session Dr. Channarayappa, HOD, Biotechnology and Genetics

discussed the importance and impact of NEP-2020 and also, he elaborated the significance of NEP followed Dr. Prasanna Kumar, HOD, Chemistry and Biochemistry discussed about the Syllabus and

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scheme under NEP-2020. Finally, there was a discussion session where all the HODs of various departments interacted with the students and parents and clarified all their doubts on NEP and the program was concluded with vote of thanks.

### Outcome:

Students and Parents got a overall information of National Education Policy-2020, its goals and objectives and its implementation in Karnataka and Bengaluru city University.

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

### Orientation on Implementation of National Education Policy-2020

**DR. PUSHPA. H**  
Associate Professor and HOD,  
Department of Microbiology,  
MSRCSC, Bengaluru

Present system	NEP-2020 (New System)
• BSc Degree- 3 years	• Basic BSc Degree- 3 years
• Masters Degree 2 years	• 4 <sup>th</sup> Year (optional)- Honors BSc Degree
• Fixed Combination of 3 Subjects	• 5 <sup>th</sup> Year- Masters Degree
• Faculty Wise Hard Separation	• Freedom to choose any 2 subjects from the Discipline
• Dropouts-Have to start again from the beginning	• 1 open elective subject in any discipline- in each of the first 4 semesters.

**Holistic Education - The Future of Modern Education**

**Present Indian education system**

**Drawbacks**

- Lack of holistic education
- Lack of inter-subject integration
- Lack of practical exposure
- Lack of innovation and creativity
- Lack of holistic development of child

**Holistic Education - The Future of Modern Education**

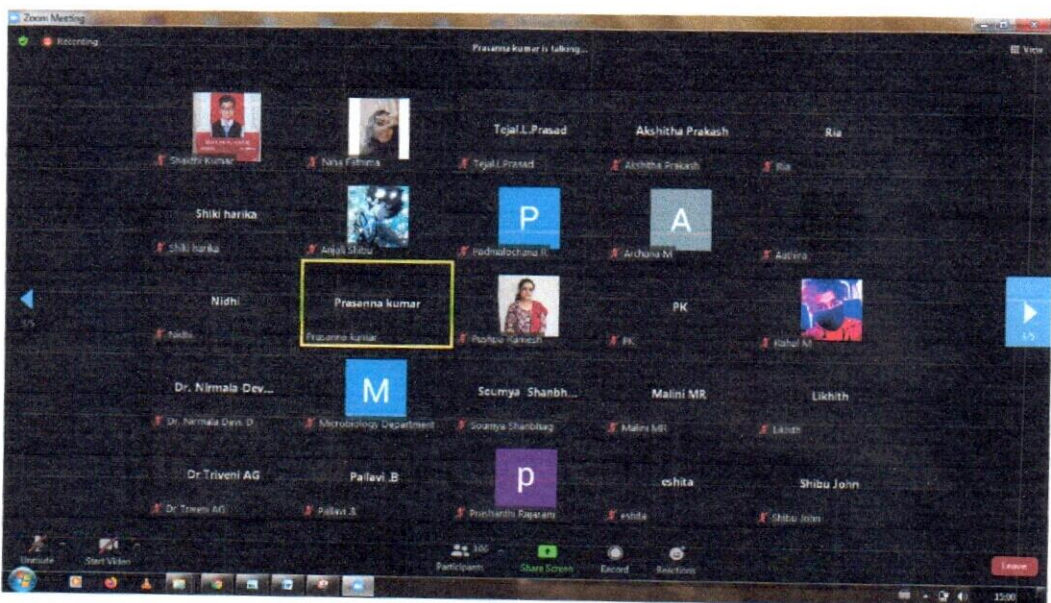
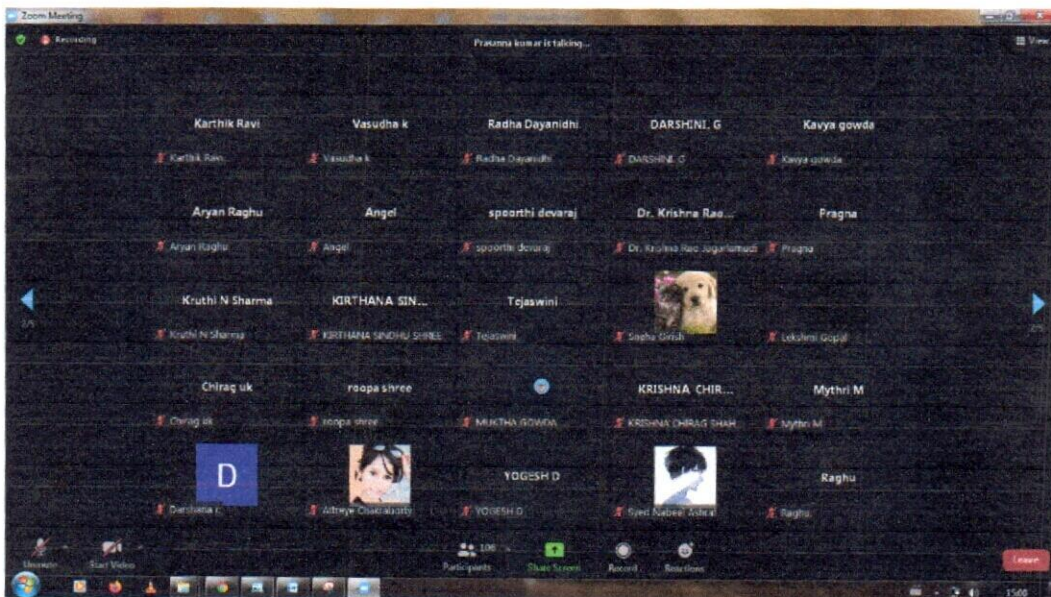
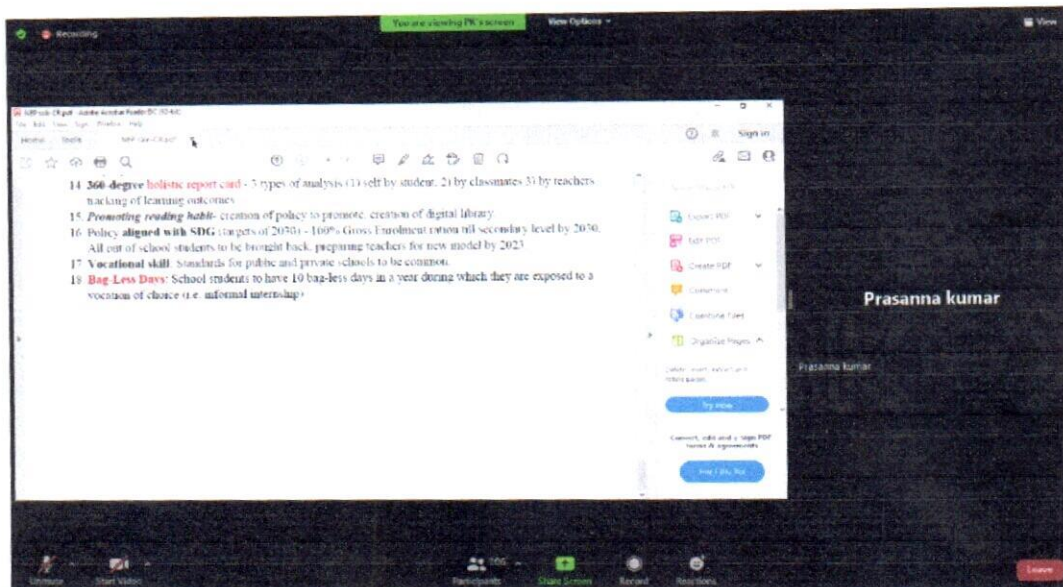
**Goals**

- Holistic development of child
- Inter-subject integration
- Practical exposure
- Innovation and creativity
- Holistic development of child

*Online*  
**Head of the Department**  
**MICRO BIOLOGY**  
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**Bangalore - 560 054**

**Principal**  
**MSRIT Post, M**  
**Bangalore -**





*Shilpa H*  
 Head of the Department  
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