

South Indian Children's Education Society's Degree College Of Arts, Science &  
Commerce, Chikhholi, Ambarnath (W), Dist. Thane  
(Affiliated To University Of Mumbai)  
A.Y. 2021-22

**DEPARTMENT OF MICROBIOLOGY**

**NATIONAL WEBINAR ON**

**"RESEARCH OPPORTUNITIES IN BIOLOGICAL SCIENCES"**

DATE: 4<sup>TH</sup> JANUARY 2022

**REPORT**

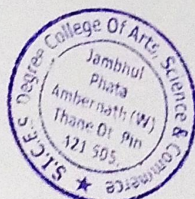
National-level webinar on "Research Opportunities in Biological Science" was organised by the Department of Microbiology of "South Indian Children's Education Society's Degree college of Arts, Science and Commerce on 4<sup>th</sup> Jan.2022 on Google meet platform at 11.00a.m.

Asst.Prof.Ms.Kirubha pauldas welcomed the resource person's Dr.Rahul Patil and Dr.Deepa Dahar and Chief guest/Incharge principal Dr.Harshal Bacchav of S.I.C.E.S degree college and the participants.

Inaugural address was given by Ms.Shubhangi Rajguru (Head of microbiology department). Incharge principal Dr.Harshal bachhav graced the occasion with his presence and addressed the audience with his encouraging talk.

Ms.Khushbu wadhi (T.Y.BSc microbiology student) gave introduction to the first resource person Dr.RahulPatil, Director of Agroayur Research Pvt Ltd., Kolhapur.

Dr.Rahul Patil explained requirements to become a researcher. He introduced research opportunities like Scientist, Researcher,Lecturer,Consultants, Laboratory technician, Biotech Engineer,Biophysicist,etc. He gave information about the terms Scholarships, Fellowships, Awards and Prizes. He gave details about CBSE scholarship, scholarships for B.Sc and M.Sc and Ph.d students. Research can be done not only in institutes but also in pharma industries so he gave names of top 10 pharma companies,top 20 scientific instruments and equipment companies and also National Funding agencies for research and projects.



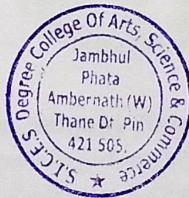
Ms.Arthi Udayselvum (T.Y.B.Sc microbiology student) gave introduction to the second resource person Dr.Deepa Dahar, Director Albatross Academy,Pune.

Dr.Deepa Dahar told the importance of research in Biology.She gave examples of five diseases: Polio, Smallpox, Maternal and Neonatal Tetanus, Rinderpest and Yaws. She explained Electrophysiology, Nanobots for targeted Drug delivery, Controlling artificial limbs, drug design,etc.

She explained Opportunities in Biological Science. She shared her experience about her Ph.d and also also shared difficulties during Ph.d.

After this Q/A section was conducted. At the end of session, Asst.Prof.Mrs.Shweta Humbarwadi thanked all the guests and participants.

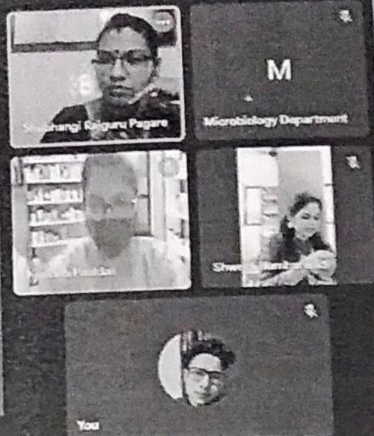
Around 100 participants from 10 different states participated in the webinar. Feedback was collected from the participants in a google form and E-certificates were presented to all the participants.



**SOUTH INDIAN CHILDREN'S EDUCATION SOCIETY'S  
DEGREE COLLEGE OF ARTS, SCIENCE & COMMERCE**  
(AFFILIATED to University of Mumbai)  
Jambhod Phata, Chikhliad, Ambarnath (w), Dist. Thane, Maharashtra State Pin: 421 505

**DEPARTMENT OF MICROBIOLOGY**

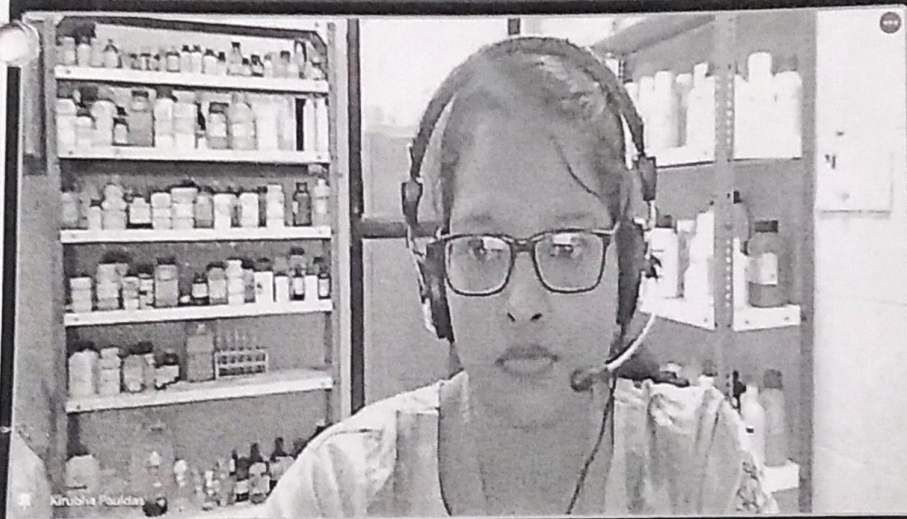
**NATIONAL WEBINAR  
ON  
"RESEARCH  
OPPORTUNITIES IN  
BIOLOGICAL SCIENCES"**



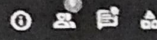
10:50 | National Webinar on "RESEARCH OPPORTUNITIES L...



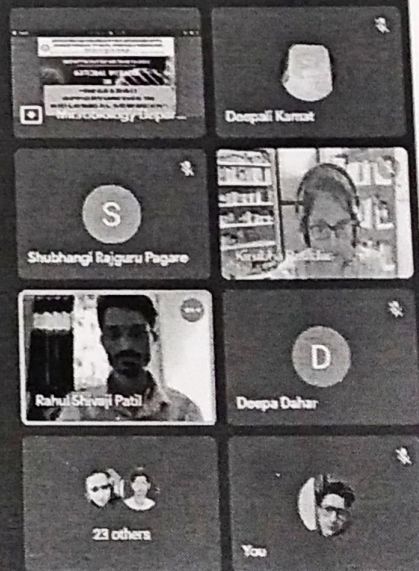
Microbiology Department is presenting



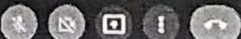
10:53 | National Webinar on "RESEARCH OPPORTUNITIES L..."



Microbiology Department is presenting



10:56 | National Webinar on "RESEARCH OPPORTUNITIES L..."



Microbiology Department is presenting

Shubhangi Bagaria Pagari

11:08 | National Webinar on "RESEARCH OPPORTUNITIES L..."

Microbiology Department is presenting

Dr. Harshad M. Bhatnagar

11:11 | National Webinar on "RESEARCH OPPORTUNITIES L..."

Microbiology Department is presenting

Khushi Wadhwa

11:16 | National Webinar on "RESEARCH OPPORTUNITIES L..."

10:57 | National Webinar on "RESEARCH OPPORTUNITIES L..."

Dr. Kishor W. Bhat...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Rahul Shrivastava is presenting

**SOUTH INDIAN CHILDREN'S EDUCATION SOCIETY'S  
DEGREE COLLEGE OF ARTS, SCIENCE & COMMERCE**

(Affiliated to University of Mumbai)  
Bamburda Road, CHURCHGATE, Maharashtra - 400 028, Mumbai - 400 028

**DEPARTMENT OF MICROBIOLOGY**

**NATIONAL WEBINAR  
ON**

**RESEARCH Opportunities Biological  
In Sciences**

Dr. Rahul Shrivastava  
M.Sc., Ph.D.

Director,  
AgriGen Research Private Limited,  
Kulkarni

**TRAYZ**

11:21 | National Webinar on "RESEARCH OPPORTUNITIES L..."

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Rahul Shrivastava is presenting

**Foundation**

|  |   |   |   |
|--|---|---|---|
| <p><b>Individual</b></p> <ul style="list-style-type: none"> <li>Will power</li> <li>Discipline</li> <li>Dedication</li> <li>Devotion</li> <li>Team work</li> <li>Enthusiasm</li> <li>Realistic approach</li> <li>Patience</li> <li>Integrity</li> <li>Calmness</li> <li>Character</li> </ul> | <p><b>Subject</b></p> <ul style="list-style-type: none"> <li>Chemistry</li> <li>Biochemistry</li> <li>Microbiology</li> <li>Zoology</li> <li>Botany</li> <li>Physics</li> <li>Mathematics and Statistics</li> <li>Bioinformatics</li> </ul> | <p><b>Technical Skills (IT)</b></p> <ul style="list-style-type: none"> <li>MS-Office</li> <li>Graphics</li> <li>GraphPad Prism</li> <li>Endnote</li> <li>Analysis software's</li> <li>Photography</li> <li>Microscopy</li> <li>Designing</li> </ul> | <p><b>Service</b></p> <ul style="list-style-type: none"> <li>Research Article</li> <li>Reviewer</li> <li>Mix review</li> <li>Editorial</li> <li>News</li> <li>Assay</li> <li>Poster</li> <li>PPT</li> </ul> |
|--|---|---|---|

**TRAYZ**

11:27 | National Webinar on "RESEARCH OPPORTUNITIES L..."

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Dr. Shashi Kumar...

Deepa Dahar is presenting



13:42 | National Webinar on "RESEARCH OPPORTUNITIES L...

Participants: Rahul Shivaji Patil, Deepali Karwat, RizwanF34, Dr Ahmed Abdul Halimem..., Kiruba Pradeep, 24 others, You

Deepa Dahar is presenting

## Opportunities in Biological Sciences

- Research (Ph.D.)/ Integrated Ph.D.
- Post-doc
- Clinical research associate/ R & D
- Can go with foreign universities
- Artificial intelligence
- Application specialist and QC
- MSME (Micro business)
- Forensic biologists
- Cytotechnologists
- Medical technologists
- Biotechnologists
- Biochemists

13:01 | National Webinar on "RESEARCH OPPORTUNITIES L...

Participants: Deepa Dahar, Rahul Shivaji Patil, RizwanF34, Mansi Bhoir, Shreedevi Mahatre, Sumankuver Rathod, 40 others, You

Deepa Dahar is presenting

## Starting with Ph.D.

- Select your topic
- Approach guide
- Plan your work with guide
- Prepare research proposal

### Do's and Don'ts in Ph.D.

- Important thing is focus
- Proper planning
- Dedication
- Target when you want to complete your PhD
- Always repeat your experiments twice or thrice
- Maintain proper record of results along with date
- Learn as many as experiments you can
- Do Not waste your time in any other things when you're doing your work
- Statistically analyze your data

13:18 | National Webinar on "RESEARCH OPPORTUNITIES I..."

Participants: Deepa Dahar, Rahul Shivaji Patil, RizwanF34, Mansi Bhoir, Shreedevi Mahatre, Sumankuver Rathod, 40 others, You

