



# S.I.W.S.

N.R. SWAMY COLLEGE OF COMMERCE & ECONOMICS  
AND

SMT. THIRUMALAI COLLEGE OF SCIENCE  
UNIVERSITY OF MUMBAI  
Linguistic Minority Institution

अशीस २०१०/प्र.क्र. १०० / २०१० / का. ५ दिनांक ३०.१.२०१२  
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Department of Microbiology

Annual Report 2020-21

June 10, 2021

## I. Departmental Activities

- 1) **MicrobiOlympiad 21<sup>st</sup> State level Microbiology contest** conducted by the Department of Microbiology, Government Institute of Science, Aurangabad on 9<sup>th</sup> January 2021

	F.Y.B.Sc.	S.Y.B.Sc.	T.Y.B.Sc.	Total
Number of Participants	-	25	14	39
Number of Qualifying students	-	8	8	16

- 2) The Department of Microbiology had organized an **Intercollegiate fest "MICROBIA"** on January 11, 2021 with a theme "Learning with Fun". Following were the events -
  - 1) Flash card making
  - 2) Bio-poetry
  - 3) Star event comprising of 4 rounds – Microbiology Quiz, Meme Circle, Crossword and Symbiotic pairs
  - 4) Word search and Microbiological Antakshari

The Chief Guest for the inauguration function was Dr. Arvind Deshmukh, President, Microbiologist Society, India.

Dr Sanjeev Patankar, President, Microbiologist Society India, Maharashtra State and Dr. Ganesh Lad from Vartak College, Vasai, were the judges for the Flash Card Making.

Dr. Deepak Thakare retired Chairman, BOS in Microbiology, University of Mumbai, Vice Principal and Head of Microbiology Department, KBP College, Vashi, Navi Mumbai and Dr. Bela Nabar, Head of the Microbiology Department from Smt. CHM College, Ulhasnagar were the judges for Biopoetry.

Flash card and Biopoetry were submission events held from 10<sup>th</sup> February 2021 to 15<sup>th</sup> February 2021

With an OTT platform this year, there were participants from different states of our country. Approximately 63 students participated in various events.

## II. Webinars

During lockdown period students were given opportunities to attend various webinars conducted by reputed organizations.

1. A webinar on “Career Guidelines in Healthcare Organization” by P.D. Hinduja Hospital & Medical Research Centre and Life supporters.
2. A webinar on “Explore and Build your Career in Biological Sciences with Research-Driven Curriculum”.
3. A webinar on ‘Mind in the Middle: Covid 21 organized by the Counseling Cell of our college’
4. A webinar on “Gender Equality” conducted by WDC of our college in collaboration with NGO, Stree Mukti Sanghatana.

## III. Staff achievements:

### Ms. Neeta Khanolkar

- Awarded **Certificate of Appreciation** at 20<sup>th</sup> National Level Microbiological contest and MicrobiOlympiad conducted the Department of Microbiology, Government Institute of Science, Aurangabad on 9th January 2021 as **College Level Coordinator**

### Ms. Rekha Bhatia

- Participated in online **International symposium** on ‘Impact of COVID 19 on Higher Education in South Asia’ organized by BUCTU, Mumbai on 3<sup>rd</sup> January 2021.

### Ms. Sabina Thareja

**Convenor**, webinar entitled “Mind in the Middle: Covid 21 held on 3rd April, 2021 by the Counseling cell of and by the Internal Quality and Assurance Cell of our college.

### Ms. Ajitha Nair:

- **Published a research Paper** entitled, “Studies on Safety and Shelf Stability of Bacillus Probiotics” in Journal of Advanced Scientific Research ISSN 0976-9595, Special Issue: Recent Advances in Biotechnology and Microbiology, September 2020, Vol 11, suppl 6, 144-151
- Participated in One day Online **Mumbai University Syllabus Workshop** for MSc Part-II(Microbiology) on 4th November 2020 organized by CHM College, Ulhasnagar.
- Participated in the online training programme on ‘Covid-19 Bio disaster Preparedness, Response and Resilience of Occupational Settings’ on 27 May 2021 to 29 May 2021 organized by *National Institute of Disaster Management*, Ministry of Home Affairs, Govt. of India in collaboration with AOEHCDC
- Participated in the online training programme on ‘Gender Equality, Climate Change and Sustainable Development Goals’ on 27 May 2021 to 29 May 2021 organized by **National Institute of Disaster Management**, Ministry of Home Affairs, Govt. of India in collaboration with IMPRI (Impact and Policy Research Institute).



- Participated in the 5-day **Online State Level Faculty Development Programme** organised by BMCC-IQAC and RUSA, Maharashtra on “Confluence of Revised Guidelines of IQAC-NAAC to AUTONOMY” from May 29 to June 3, 2021.
- Two-day **National Seminar** on ‘Inclusive, Innovative and Sustainable Future of Education- NEP 2020’ held on the 24th and 25th of May 2021, organized jointly by the IQACs of Ramnarain Ruia Autonomous College, Mumbai and the University of Mumbai.

### **Deepali Khedekar**

- Attended Online Workshop on “Effective Online Teaching- Learning using Google forms and Microsoft forms” on 5<sup>th</sup> August 2020 organized by Internal Quality Assurance Cell of Mahanth Madhusudan College Bikram Patna, Bihar
- Participated in the **online FDP** titled “Creation of Effective E-Learning content” on 6<sup>th</sup> August 2020 organized by Shastry Institute of Pharmacy, Erandol, Jalgaon
- Attended Online two-day **National Webinar** on “Advances in Plant Science” on 13<sup>th</sup> & 14<sup>th</sup> August 2020 organized by Department of Botany, Maharani’s Science College for Women, Bengaluru
- Registered for PhD in Microbiology under Dr. Rupendra Jadhav at Institute Of Science, Homi Bhabha State University, Mumbai with the approved topic- “Study of the salt stress on the plant growth promoting properties and PHB production by salt tolerant *Azotobacter* isolated from saline soil” on 31<sup>st</sup> August, 2020
- Participated in the Two-day **National Seminar** on ‘Inclusive, Innovative and Sustainable Future of Education- NEP 2020’ held on the 24<sup>th</sup> and 25<sup>th</sup> of May 2021, organized jointly by the IQACs of Ramnarain Ruia Autonomous College, Mumbai and the University of Mumbai.
- Participated in the **online international webinar** on ‘Application of Nanotechnology in Food Science & Technology: Current Prospects and future Development’ on 29<sup>th</sup> May 2021, organized by department of Lifesciences, Mandsaur University

#### IV Faculty members on College Committees

Name of the Faculty	Committee
Neeta Khanolkar	Vice Principal (Science), Head of the Department
Rekha Bhatia	Fine Arts Circle, WDC, Hospitality committee, Unfair Inquiry Committee, NAAC
Sabina Thareja	Counselling Cell, Examination Committee, Magazine Committee, Waste Management Committee
Ajitha Nair	Website Management & Information Cell, NAAC, Seminar committee
Deepali Khedekar	DLLE, Science Association, Marathi Vangmay Mandal, Gymkhana committee

#### V. Examination Work (University):

All faculty members set question papers and conducted online exams from Sem I to Sem VI including ATKT in theory as well as practical on behalf of the University of Mumbai.

#### VI. Students' Achievements:

- 1) Sumit Pathak of F.Y.B.Sc. qualified in online Quiz on "Amazing World of Microbes" organized by SICES college, Ambarnath on 29th May 2021
- 2) Akash Sharma of S.Y.B.Sc has qualified in online Quiz on "Amazing World of Microbes" organized by SICES college, Ambarnath on 29th May 2021
- 3) Shetye Karishma of S.Y.B.Sc. has qualified in online National level Science Quiz, organized by Science Association of Maharashtra college on 20<sup>th</sup> February 2021
- 4) Navya Chilukumari of T.Y. B. Sc., participated in 6-day National webinar entitled "Essential Skill Enhancement Program", organized by IQAC and DLLE of SIWS college on behalf of University of Mumbai
  - She scored 72% in online "Science Quiz 2020 series" conducted by Department of Science of Sunbeam Women's college, Varuna affiliated to Mahatama Gandhi Kashinath Vidyapeeth, Varanasi.
  - She also secured 3<sup>rd</sup> rank in online Quiz on "Amazing World of Microbes" organized by SICES college, Ambarnath on 29<sup>th</sup> May 2021

- 5) Shaikh Afeeza of T.Y. B. Sc., qualified in Quiz competition on the occasion of National Science day on 28<sup>th</sup> February 2021 organized by the Department of Microbiology, Dapoli Education Society's Dapoli Urban Bank Senior Science college, Dapoli
- 6) Stephen Antony of T.Y.B.Sc., secured 1<sup>st</sup> prize in BUM CHARADES and Bandits at FANTASIES conducted by SIES college.

#### VI. T.Y.B.Sc. RESULT ANALYSIS

Details	Semester V	Semester VI
No. of students appeared	22	22
No. of students passed	21	22
No. of students unsuccessful	01	00
Pass Percentage	95.45%	100%
A+ Grade	06	02
A Grade	09	08
B+ and B Grade	04	08
C Grade	02	04

*Neeta Khanolkar*

**Mrs. Neeta Khanolkar**  
H.O.D.  
Department of Microbiology

**Date: June 10, 2021**



*Usha Iyer*

**Dr. Usha Iyer**  
Principal

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