



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.ऊ. १०० / २०१० / का. ५ दिनांक ३०.९.२०१२
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Department of Microbiology - Annual report- 2019-20

10th July, 2020

I. Departmental Activities

1) MicrobiOlympiad 19th State level Microbiology contest conducted by the Department of Microbiology and Biotechnology on behalf of R C Patel Arts, Commerce and Science College, Shirpur and C K Thakur Arts, Commerce and Science College, New Panvel on 9th January 2020. Twenty nine students got qualified out of forty one participants.

2) The Department of Microbiology had organized an Intercollegiate fest "MICROBIA" on January 11, 2020 with a theme "Learning with Fun".

Seventy students participated in various events organized as part of this inter-collegiate Microbiology fest

3) Department of Microbiology, S.I.W.S College in collaboration with Microbiologist Society, India organized National webinar on "AVENUES IN MICROBIOLOGY" on 20th June 2020 from 3.30pm to 6.30pm for students with an objective that the webinar will collate opportunities for graduates and post graduates in Microbiology and other Biological Sciences in the post COVID-19 era.

The resource persons for the webinar were Dr. A.M. Deshmukh, President Microbiologist Society India and Dr. Sanjeev Patankar, President Microbiologist Society, India (Maharashtra Chapter)

Dr. A.M. Deshmukh spoke on "Bioentrepreneurship- Challenges and Opportunities" where he highlighted the different areas of biological sciences like biofertilizer, biogas, biosensor, environment microbiology, etc. where students can find career opportunities.

The second session was delivered by Dr. Sanjeev Patankar, who focused on the different courses and opportunities available after graduation and post-graduation in Microbiology. His presentation opened up innumerable areas which students of Microbiology could explore to secure their future.

Mr. Sham Patil from Microbiologist Society, India made an appeal to the gathering and explained about the initiatives taken by the Society. He encouraged students to join the battle

against COVID-19. He appealed to them to take part in the Frontline battalion as Corona Warriors by working in the various testing labs.

The Webinar got an overwhelming response from different states of India as well as few participants from abroad. 929 participants attended the webinar from across the country as well as from Asian neighbouring countries.

II. Field Visits:

Students of FY.,SY and TY levels along with teachers visited different reputed organization to enhance their In Situ experiences of different aspects of Microbiology covered in theory ie Common Effluent Treatment Plant, MIDC Mhape, Gowardhan Cheese Plant Bhagyalaxmi, Dairy Farm, Manchar, Near Pune, NMIMS, Vile Parle, Mumbai and NCMR, Pune.

III. Staff achievements:

Name of the Teacher	Number of Seminars and Webinars	Number of Conference	Number of Workshop - Syllabus based	Number of Workshops other than syllabus	Days for Online teaching training/ other FDP	Events organized
Ms. Neeta Khanolkar	01	-	-	-	-	01
Ms. Rekha Bhatia	01, 20	01	01	01	05	04
Ms. Sabina Thareja	1, 26	-	-	-	06/04	01
Ms. Ajitha Nair	28	-	01	-	02/07	01
Ms. Deepali Khedekar	1, 44	01	01	04	-	02

Ms. Rekha Bhatia qualified National level online quiz on “A quarantine Quiz for Scientific Thinker” and Received ‘A’ grade at Three days workshop in HPTLC and Bioautography held from 7th -9th November, 2019 at National Facility for Biopharmaceutical, Khalsa College, Mumbai.

Ms. Ajitha Nair

Published a research Paper entitled, “Novel Fruit Juice Based Nutraceutical Formulation with Probiotic and Cholesterol Reduction Properties” in International Journal of Scientific Research in Biological Sciences Vol.6, Issue 4, August 2019 pp.22-28, E-ISSN: 2347-7520.
and

Submitted Thesis to University of Mumbai in November 2019 entitled “Studies on Probiotic *Bacillus species* for Nutraceutical Preparation” for the degree of Doctor of Philosophy in the subject of Microbiology.

Ms. Deepali Khedekar

As a member of Department of Lifelong Learning and Extension (D.L.L.E), along with I.Q.A.C in collaboration with RAH – Your path to Excellence in association with D.L.L.E, University of Mumbai Organized Online National level Webinar titled “Essential Skills Enhancement Program” from 26/05/2020 to 30/05/2020

IV. Faculty members on College Committees

All teachers are contributing in administrative, curricular, co-curricular and extra-curricular activities of the college via various committees

V. Examination Work (University)

Almost all staff members are appointed as paper setter, examiner, moderator and re-evaluator in the subject of Microbiology theory papers in Semester V, VI at T.Y.B.Sc. and M.Sc. I and II. They are also appointed as external examiners for the practical at UG and PG levels.

VI. Students' Achievements:

- 1) Ganesh Patil of F.Y.B.Sc. received a certificate of appreciation for Microbio Canvas at the National level contest.
- 2) Shivaneshwari Arumugam and Karishma Shete of F.Y.B.Sc received participation certificate for Poetry writing competition on Mother's Day 'Write-Up Competition' organized by WDC of SST College of Arts and Commerce on 10th May 2020

VII. T.Y.B.Sc. Result Analysis

Details	Semester V	Semester VI
No. of students appeared	20	20
No. of students passed	18	19
No. of students unsuccessful	02	01
Pass Percentage	90	95
A Grade	01	03
B+ and B Grade	09	11
C Grade	07	05

Neeta Khanolkar

Mrs. Neeta Khanolkar
H.O.D.
Department of Microbiology
10th July 2020



Usha Iyer
Dr. Usha Iyer
Principal

PRINCIPAL
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