



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 (2018-19)

5th March, 2019

I. Departmental Activities

MicrobiOlympiad 18th 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 2019. Forty students qualified out of fifty participants.

- The Department of Microbiology had organized an Intercollegiate fest “MICROBIA” on January 12, 2019 with a theme “Learning with Fun”. Students from eleven colleges from Mumbai participated in the fest.
- A workshop on “Bioinformatics” was also organized by the department on 6th and 7th February, 2019 for T.Y.B.Sc. students. Dr. Ganesh Lad and Assistant Professor Mubin Shaikh from Viva College, Virar, Dist. Palghar had conducted the workshop. Online hands-on training were given to individual students covering the aspect of BLAST, FASTA and maintaining genomic database.

II. Field Visits:

Students of FY., SY and T.Y.B.Sc. along with teachers visited different reputed organization to enhance their In Situ experiences of different aspects of Microbiology covered in theory i.e. National Facility for Biopharmaceuticals (NFB) Laboratory, G.N. Khalsa College, Common Effluent Treatment Plant, MIDC Mhape, Gowardhan Cheese Plant Bhagyalaxmi, Dairy Farm, Manchar, near Pune, and NCMR, Pune.

III. Staff Achievements

Neeta Khanolkar

- Appointed as member of Syllabus Revision Committee to prepare the M.Sc. Part II Microbiology PIV (Sem III and IV) syllabus, effective from academic year 2019-20
- Invited as Subject expert on interview panel for Bioanalytical Science integrated program by G.N. Khalsa College on March 14, 2019

Rekha Bhatia:

- Resource person for University of Mumbai restructuring of Microbiology paper II (semester V and Semester VI) T.Y.B.Sc. Syllabus Revision Workshop held at Wilson College organized by Department of Microbiology, Wilson College and University of Mumbai on June 30, 2018.
- Appointed as member of Syllabus Revision Committee to prepare the M.Sc. Part I Microbiology PIV (Sem III and IV) syllabus, effective from academic year 2019-20
- Received first prize for the poster titled "Sensitivity of Carbapenem Resistant Enterobacteriaceae to common disinfectants and antibacterial agents" at National Conference BIOFACET at Patkar College, Goregaon, held on 15th and 16th February, 2019
- Appointed as a paper setter for Microbiology paper II at F.Y.B.Sc.
- Invited as an examiner to conduct T.Y. B.Sc. practical examination of Semester VI at Sophia College, an autonomous college.

Sabina Thareja

Participated in T.Y.B.Sc. Syllabus Revision Workshop held at Wilson College organized by Department of Microbiology, Wilson College and University of Mumbai on June 30, 2018.

Ajitha Nair

- Presented a research poster entitled "Preparation of a Nutraceutical Health Drink Using a Novel *Bacillus* Probiotic" at 'International Conference on Microbiome Research 2018', Pune, India from 19th -22nd November 2018 organized by National Collection of Microbial Resources (NCMR), Pune
- Judged Working models in Microbiology at "Microfiesta", a College festival of Department of Microbiology, Sathaye College, Vile Parle on 20th -21st December 2018
- Resource person for Microbiology Paper III (semester V and Semester VI) at T.Y.B.Sc. Syllabus Revision Workshop held at Wilson College organized by Department of Microbiology, Wilson College and University of Mumbai on June 30 2018.
- Appointed as member of Syllabus Revision Committee to prepare the T.Y.B.Sc. Applied Component- Food Production and Processing (Sem V and VI) syllabus, effective from academic year 2019-20
- Appointed as member of Syllabus Revision Committee to prepare the M.Sc. Part I Microbiology PIII (Sem I and II) syllabus, effective from academic year 2019-20
- Appointed as external examiner in the subject of Microbiology Practical (Semester VI) for T.Y.B.Sc at Mithibai College (Autonomous) from 12th to 14th March 2019.

Deepali Sachin Khedekar

- Attended T.Y.B.Sc (Microbiology) Syllabus Revision Workshop on 30th June 2018 at Wilson College; Mumbai

- Appointed as paper setter for S.Y.BSc Microbiology Paper II UGMB (as per University syllabus USMB302) for Karmaveer Bhaurao Patil College, Vashi (Autonomous College)
- Attended First Term Training Program for Extension Work Teachers and Students Managers of Department of Lifelong Learning & Extension, University of Mumbai at K.J. Somaiya College of Science and Commerce, Vidyavihar, Mumbai on 8th August 2018
- Participated in Annual extension Activities (Community Work) related to Values of National Integration, Secularism, Democracy, socialism, Humanism, Peace, Scientific Norms etc. organised by Department of Lifelong Learning and Extension, University of Mumbai on 21st February 2019 at Vidyalkar Institute of Technology, Wadala.

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:

- Mehul Kumar Chaudhary of T.Y.BSc was selected as the Best Student for the Year – 2018-19.
- Khan Ajeem of T.Y.BSc reached the final round of "Career Cracker 2K18" organized by Synergy School of Business Skills held at Bangalore on October 26, 2018.

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

Details	Semester V	Semester VI
No. of students appeared	19	19
No. of students passed	13	14
No. of students unsuccessful	06	05
Pass Percentage	68.42	73.68
A+ Grade	3	5
A Grade	5	3
B+ and B Grade	1	5
B	2	nil
C Grade	02	01

N. Khanolkar

Mrs. Neeta Khanolkar
H.O.D.

Department of Microbiology

Date: 5th March, 2019



Usha Iyer
Dr. Usha Iyer
Principal

PRINCIPAL
S.I.W.S. N.R. Swamy College of
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