



**Rayat Shikshan Sanstha's**  
**Karmaveer Bhaurao Patil College Vashi (Empowered Autonomous)**  
**Department of Microbiology**

**ACTIVITIES 2018-19**

**I. Short term courses:**

- a. “Quality Management systems in laboratories” in collaboration with Ashalini Lab-Tech Services  
27<sup>th</sup> September 2018 -26<sup>th</sup> February 2019
- b. “Basic Techniques in Haematology”: 4<sup>th</sup> September 2018-19<sup>th</sup> January 2019.

**II. Workshops:**

1. Bioinstrumentation workshop from 29<sup>th</sup> June- 29<sup>th</sup> July 2015.and 26<sup>th</sup> and 27<sup>th</sup> October 2018
2. Workshop on Polymerase Chain Reaction on 27.02.2019.
3. Workshop on Intellectual Property Rights on 12.02.2019.

**III. Microbiology Department –08 Projects By students Under DBT star scheme**

1. Production of bakers yeast
2. Wine production by tomatoes
3. Production of tofu from soyabeans
4. Vinegar production from wine
5. Production of bakers yeast
6. Production of cider wine
7. Vinegar production from red wine
8. Tofu production from soya milk.

#### IV. Outreach Program:

Sr. No.	No. of students	Activity Conducted	Date
1	S.Y.Bsc 89	Created awareness amongst school children, Slum area people and at public places (Bus depot and Railway station) on Food borne diseases, Typhoid, Hookah, Smoking and its side effects, Tuberculosis, Dengue, Cholera, Hepatitis, Infection and Human health, Rabies, Common cold, Malaria, Pneumonia, Diseases of Rainy season, Nutrition and Health, Spread of diseases, Waste disposal, Fungal infections, Cancer	16.08.2018, 18.08.2018, 27.08.2018, 28.08.2018, 29.08.2018, 31.08.2018
2	T.Y.Bsc 34	Awareness about vaccination. Activity: Pamphlets were prepared by students individually on one specific sub-topic of vaccination and it was explained to people in their surrounding (own/other society).	Third week of January 2019

#### V. Educational Tour and Industrial visits:

1. Padmaja Aerobiological Pvt.Ltd., Turbhe on 23.01.2019 and 02.02.2019
2. IGLOO Dairy, Turbhe on 09.01.2019 and 11.01.2019
3. ATC &PTC (WS), Amity Institute of Biotechnology, University, Mumbai on 09.02.2019
4. Go Cheese, Manchar, Pune on 05.12.2018
5. ACTREC, Kharghar. Open Day on 07.12.2018
6. Sula Wines, Nashik on 09.10.2018
7. QSL laboratories, CBD Belapur Navi Mumbai on 17 .01.2019
8. Manish Pharma Navi Mumbai on **28. 02.2019**

#### VI. Microbiology Department – 06 Trainings

1. India International science Festival at DBT, Lucknow
2. Advanced techniques in laboratory at Tata Memorial Hospital, Parel.
3. Recent trends in laboratory Techniques at Birla College, Kalyan
4. Advanced techniques in laboratory at Tata Memorial Hospital, Parel.
5. Flow Cytometry at Flow Cytometry Solutions ,Somaiya Initiatives for Research & Consultancy (SIRAC).

## VII. Students Participation and achievement:

Co-curricular and extracurricular activities of T.Y. BSc students

Sr. No	Name of student	Activity	Remark
1	Ambawale Rudrani Prakash	<ol style="list-style-type: none"><li>1. Poster making completion at Pillai's College</li><li>2. Poster making completion at Mahatma Night degree College of Arts, Commerce and Science, Chembur</li><li>3. Poster making completion at Youth Festival , University of Mumbai</li><li>4. State level Drawing competition</li></ol>	Won Consolation prize  Won Third Prize  Participation  Participation
2	Pandit Yashodeep Sanjay	<ol style="list-style-type: none"><li>1. Collage Making completion at Youth Festival , University of Mumbai</li><li>2. Face Painting completion at Pillai's College</li></ol>	Won Consolation prize  Won Second prize
3	Pople Sushant Laxmikanti	<ol style="list-style-type: none"><li>1. State level Singing competition</li><li>2. Indian Group Song event at Youth Festival , University of Mumbai</li><li>3. Participated in Inter State Youth Exchange Program (Ministry of Youth Affairs and Sports)</li></ol>	Participation  Won Consolation prize  Represented Maharashtra at Bhuvaneshwar, Odisha From 7 <sup>th</sup> January to 21 <sup>st</sup> January 2019
4	Kolekar Kajal Sanjay	<ol style="list-style-type: none"><li>1. Indian Group Song event at Youth Festival , University of Mumbai</li><li>2. State level Singing competition</li></ol>	Won Consolation prize  Participation

**VII. Consultancy/Technical Services:**

**Consultancy Services and Technical Support Provided (2018-19)**

<b>SR. NO</b>	<b>YEAR</b>	<b>NAME OF PERSON &amp; INSTITUTE</b>	<b>PARTICULARS</b>	<b>AMOUNT (Rs.)</b>	<b>TEACHER IN-CHARGE</b>
1.	2018-19	Dr. Dhanashree Ingale D.Y.Patil University, School of Dentistry, Nerul, Navi Mumbai	“Comparison of antimicrobial activity of Sodium Hypochlorite 5%, Chlorhexidine 2% and chloroquick(5% NaOCl and HEPD) against <i>Enterococcus fecalis</i> ”	6000/-	Dr.ShubhadaNayak  Ms.KavitaJadhav
2.	2018-19	Dr. Naina Swaroop D.Y.Patil University, School of Dentistry, Nerul, Navi Mumbai	“An evaluation and comparison of the amount of micro leakage at the implant system-abutment interface for an implant system with prefabricated and customized abutments-An in vitro study”	16,000/-	Dr.ShubhadaNayak  Ms. RakheeChaudankar
3.	2018-19	Dr. Mitali Shinde D.Y.Patil University, School of Dentistry, Nerul, Navi Mumbai	“ Determination of <i>Streptococcus mutans</i> count and pH of patients’ saliva after usage by stevia and xylitol chewing gum”	23,000/-	Dr.ShubhadaNayak  Ms.KavitaJadhav
4.	2018-19	Dr. Dhanashree Ingale D.Y.Patil University, School of Dentistry, Nerul, Navi Mumbai	“Comparison of antimicrobial activity of Sodium Hypochlorite 5%, Chlorhexidine 2% and chloroquick(5% NaOCl and HEPD) against <i>Candida albicans</i> ”	6000/-	Dr.ShubhadaNayak  Ms.KavitaJadhav
5.	2018-19	Mrs. Saroj Mahulkar ICL College, Vashi, Navi Mumbai	Evaluation of antimicrobial activity of provided sample against Gram positive and Gram negative microorganisms	19,200/-	Dr.ShubhadaNayak  Ms. RakheeChaudankar
			<b>Total</b>	<b>70,200/-</b>	