

MICROBIOLOGY DEPARTMENT

ANNUAL REPORT 2017-18

1) Student Strength (2017-18)

Sr. No.	Class	Student strength
1	B.Sc. I	83
2	B.Sc. II	61
3	B.Sc. III	32
	Total	176

Participation of faculty in various academic events...

1. AVISHKAR-2017 – District level research competitions.

The research competition was organized under the banner of SGB Amravati University, Amravati on 12/12/2017 Dr. A.M. Garode was the Co-ordinator of AVISHKAR-2016. Few projects have been presented by the students of UG & PG in the subject Microbiology.

Curricular & co-curricular activities for the students during Academic Session 2017-18

A) Educational Tour (For B.Sc. II Students)

Educational tour for visiting NASHIK, TRYAMBAKESHWAR, KALASUBAI, BHANDARDARA DAM, AKOLE (Dist Ahmadnagar) RAHURI KRUSHI VIDHAYAPEETH.

During 25th Sept. 2017 to 28th Sept. 2017 the Dept. of Microbiology & Botany have jointly organized an Educational tour to above mentioned places in Maharashtra.

Students of B.Sc. III & B.Sc. II Microbiology offering students were participated in this tour along with Prof. K. D. Pensionwar (Professor in Microbiology) & Prof. S. N. Mendhe (Assistant Professor in Microbiology) along with HOD of Botany Department.

We all have given a visit to Saptashrungi Devi temple, other historical places at Nashik (Garden, Panchwati, Ram mandir, Temple of Shiva at Tryambakeshwar etc.

Similarly as a part of Industrial visit we all have visited SULA WINES situated at Nasik where authority of Sula Wines gave Live demonstration of commercial production of wine, which is a part of their curriculum.

As a part of Botanical survey all students acquired the Knowledge regarding variety of plants at GARDEN (Nashik) & also observed the different Varieties of crops at Rahuri Agricultural University

LAB to LAND concept, where most of the students get the update information about electron microscope ,sophisticated instruments & their actual working in Agricultural Dept. of Rahuri Agricultural University,Rahuri.

During this four days visit we have organized the actual observation of different seeds (f1 - Generation) at Akole (Dist. Ahmadnagar) & sight scene surrounding to Kalsubai shikhar & Bhandardara Damp.

While concluding four days tour Lab to Industry, Lab to Research Lab, Lab to Land & Lab to Ecological Survey have been completed & acquired the update

knowledge regarding Industry, Agricultural University, Agricultural Exhibition, etc. In this way this Educational tour was quite successful & getting much more knowledge to students to be utilized during near future for their overall development.

B) VISIT to Satgaon (Bhusari) (Which is 22 km. away from Chikhli)

As a part of curriculum one day Educational tour was organized for B.Sc.II students on 13/02/2018 at Satgaon (Bhusari) This villege is 22 km. away from Chikhli, where all the students observed the live process of commercial production of ‘ PANEER’

Similarly historical place (SHIVA Temple) which was at Satgaon bhusari also observed by the students. This temple is made by carving the stone & is quite old.

Prof. K. D. Pensionwar HOD, Microbiology have taken necessary efforts to organize this one day tour.

C) Extension activity –

A) On 13th of March 2018 along with some 25 students of B.Sc. II have given one visit to villege Palaskhed Sapkal which is famous for SEVASANKALP PRATISTHAN.

Mr. Nandkumar Palve is the president of this Pratisthan. Mr. Palve provides food, cloth, shelter & necessary treatment to Orphan people. (Many of them are suffering from various neurological disorders)

So, as an Extension activity the Students of B.Sc. II & faculty of Microbiology department have purchased the medicine (worth Rs. 1000/-) & donated the same medicine to Nandkumar Palve to be utilized for the treatment of patient suffering from various diseases.

All such medicines were used to treat the patient & have got satisfactory results so for as their speedy recovery from dreadful diseases.

Prof. K.D. Pensionwar , Prof. S. N. Mendhe, Dr. R. P. Gawai , Prof. S. A. Salve, Prof, Theng & Prof. Yogesh Wayal accompanied the B.Sc. II students to do this vital task which is quite essential for the betterment of those people who are orphan & couldn’t get any treatment.

B) Participation of B.Sc. II Microbiology students in

Polio Vaccination Campaign on 11th March 2018.

On Sunday 11 March 2018 the Students of B.Sc. II offering microbiology have participated in National level ‘ POLIO VACCINATION CAMPAIGN’ at different schools & decided Location of Chikhli Tahsil. As per the campaign launched by WHO such vaccination program were organized for complete irradiation of Polio disease world wide.

D) Best Practical Record Competition

B. Sc. I students being fresher in the college they don’t have any detail idea for maintaining their practical record. Hence, in order to maintain clean and neat practical record having well labeled diagrams and methods to note their practical outcomes by the students of B. Sc. Part I. & B. Sc. Part II.

We have started Best Practical Record competition for such student from this year. It will inculcate the scientific temper in their mind & to enhance the subject interest. During final university practical Exam the department offer three mementoes by the hands of external examiner to first three best performers

E) Clean College Campus Campaign (C4 Committee)

From the academic session 2017-18 Principal has framed one Committee for maintaining Clean College Campus. Seven persons Committee is looking after all the things necessary for keeping the college campus clean.

Tree plantation and their maintenance, eradication of congress grass, clean college ground, seasonal flowering plants in a plastic bucket (Kundi), Rose garden etc. are the ways to keep college campus Clean, green & ecofriendly Prof. K. D. Pensionwar is the In-charge of this committee.

F) Displaying “THOUGHT OF THE DAY” on departmental notice board every day

To inspire our students we have started to display the thoughts of great Leaders, Reformers, Scientist, on the departmental notice board every day , so that the students may take a sort of lesson and bring some necessary changes in their better life style and for overall personal development.

G) Participation in screening test of 17th State Level Microbiological Contest on 9th Jan.2018

Every year R. C. Patel Arts, Commerce & Science College, Shirpu (Dist Dhule) organizes State Level Microbiological Contest to celebrate the Birth Anniversary of Great Microbiologist Robert Koch & Louis Pasteur on 9th Jan 2018 & 27th Jan.2018 Respectively.

Under the auspices of Microbiology Association Students B.Sc. II of our College participated in the Screening test on 9th Jan 2018. It was organised by the R. C. Patel College, Shirpur .This year 41 students of S.Y. B. Sc. have participated in this quiz contest.

Involvement of our students in such event assists them for better preparation of personal and professional skills. As per the contest (Microbiolympaid) rules & regulation students who have secured 30 marks out of 100 qualify for final contest. In this screening test out of 41 students 22 Students of S.Y. B.Sc. qualified & got their certificates of participation.

In this year R. C. Patel College have also organized Micro bio Canvas Competition, Micro bio Slate (Essay Competition) for Under Graduate Students and Microbio podium for P. G. students.

Prof. K. D. Pensionwar & Prof. S. N. Mendhe have taken necessary efforts for the organization of said screening Test.

Academic activities of faculty

A) Prof. K. D. Pensionwar

1. Worked as a Subject expert

- a) Selection Committee meeting for Selection of Asstt. Professor in Microbiology Subject at Vyankatesh College, Deulgaon raja on 13 sept. 2017.
- b) Selection Committee meeting for S for Selection of Asstt. Professor in Microbiology Subject on Feb. 2018 at Shrimati Sindhutai Jadhao Arts & Science College, Mehkar.

2. Worked as a chief Valuation officer for doing evaluation work by the faculty of B. A. I / B. Com I / B.Sc. I (Winter 2017 Exam) at College level.

From this (2017 – 18) academic session SGB Amravati University, Amravati have taken one vital decision for conducting B.A. I /B.Com I/ B. Sc. I Exam purely on College level. (i. e. Taking Exam of the students doing evaluation at college level & declaring results in the college & distributing the final Mark list signed by Honorable Principal to all Examinees.

3. **Worked as one the member of organizing committee** to organize workshops on e-governance for teaching & Non teaching staff in the college on 21 Feb. 2018.
4. **Actively Participated in the Shivjayanti Rally** on 15th Feb. 2018.
5. **Worked as a member of Local Management Committee** Dr. N. B. Bhusari Principal of the College nominated me as one of the member on LMC from HOD category.

After such nomination by the Principal I have attended the first LMC meeting on 6th feb.2018 in our College.

Shri Harshawardhanji Deshmukh President of Shivaji Education Society, Amravati, was the Chairman of LMC meeting.

6. **Active Participation & Chair the Session** during NSS camp at Rohada. Marathi Language Day celebration program. & Social Gathering during (24th Jan to 26th Jan2018) .

B) Prof. S. N. Mendhe:

- a) Attended workshop on e- governance organized by Comp.Sci. Dept. of our college in collaboration with NIELIT – Calcutta on 21st Feb. 2018.
- b) Prof. S. N. Mendhe worked as a member in organizing committee of above mentioned workshop on e- governance.
- c) Presented a research paper in National Conference organized by Late. Bhaskarrao Shingne Science College, Sakharkheda on 13 Jan. 2018.
- d) Worked as member of Tabulation committee framed by the college for conducting COLLEGE LEVEL THEORY EXAM, winter 2017.
- e) Actively participated & organized Educational tour during 23/09/2017 to 28/09/2017.