

## MICROBIOLOGY DEPARTMENT

### ANNUAL REPORT- 2016-17

#### 1) Student Strength (2016-17)

Sr. No.	Class	Student strength
<u>1</u>	B.Sc. I	91
<u>2</u>	B.Sc. II	51
<u>3</u>	B.Sc. III	26
	Total	168

#### Participation of faculty in various academic events :

##### 1. AVISHKAR-2016 – District Level Research Competitions.

The research competition was organized under the banner of SGB Amravati University, Amravati on 4<sup>th</sup> October 2016. 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.

2. One of our faculty - Mr. S. N. Mendhe has completed one Orientation Course at Jabalpur. The duration of the course was - 2<sup>nd</sup> May to 28<sup>th</sup> May 2016.

#### **Curricular and co-curricular activities for the students during Academic session 2016-17**

##### A) Educational Tour (For B.Sc. I Students)

On 18<sup>th</sup> October 2016 sixty-four students from the department visited Ajanta Caves and Aamsari which is 90 Km away from Chikhli along with five teachers. Students have collected microbial flora from Ajanta caves and studied their other characteristics in the Microbiology lab. Education Tour is the part of curriculum and hence our department organized this tour.

##### B) Clean College Campus Campaign (C 4 Committee)

From the academic session 2016-17 our honorable Principal has formed a new Committee for maintaining Clean College Campus. Seven members of the Committee are looking after all the necessary things 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 adopted to keep college campus clean, green and eco-friendly. Prof. K. D. Pensionwar is the In-charge of this committee.

##### C) Best Practical Record Competition

B. Sc. I students are fresher in the college, they don't have any detail idea for maintaining their practical record. Hence, the students are guided to maintain neat practical record having well labelled diagrams and methods to note practical outcomes. We have started Best Practical Record competition for such students from this year. It will inculcate the scientific temper in their mind and to enhance the subject interest. During final university practical exam the department presented three mementoes to first three best performers. The mementoes are given to the students by the external examiner.

**D) Distributions of "AZADI 70" cards to the students on 15<sup>th</sup> Aug. 2016**

On the occasion of 70<sup>th</sup> Anniversary of Independence Day, the department suggested the students to perform at least one good deed or act daily such as cleanliness in their classroom and campus, following the good advice of great leaders in their life etc.

On 15th Aug. 2016, honourable principal sir was invited in the department. In the department "AZADI 70" cards were distributed by the Principal Dr. N. B. Bhusari. He motivated the students to do at good least one task to help the needy. He also mentioned the work done by great leaders of India, and how they struggled for India's freedom, so that student may take lessons.

**E) Displaying "THOUGHT OF THE DAY" on departmental notice board every day**

To inspire our students, we 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 change in their better life style and for overall personal development.

**F) Visit to Anuradha College, of Pharmacy Chikhli ( Research lab)**

On 9<sup>th</sup> February 2017 along with 40 students (10 Boys & 30 girls) of B.Sc. II of the department under the guidance of Prof. K. D. Pensionwar (H.O.D, Microbiology Department) visited Anuradha College of Pharmacy.

During this visit Students have observed the actual working of various sophisticated instruments used in PG & Research Lab of Pharmacy College. Dr. Biyani, Principal of ACP, Chikhli , Prof. Unmesh Joshi & Prof. Kale demonstrated the salient features of various instruments and their role in the routine practical and

manufacturing of Drug at Laboratory scale level. Well equipped central Library of Pharmacy College was also observed by the students on 9<sup>th</sup> Feb. 2016. This visit to the local institute (ACP, Chikhli) strengthened the subject knowledge and the interest to learn the applied branches like Biotechnology, Biochemistry, and Pharmaceutical Microbiology etc.

### **G) Participation in Screening Test of 16<sup>th</sup> State Level Microbiological Contest on 9<sup>th</sup> Jan.2017**

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 8<sup>th</sup> Jan 2015 & 27<sup>th</sup> Jan.

Under the auspices of Microbiology Association Students of B.Sc. I/II/III of our College participated in the Screening Test on 9<sup>th</sup> Jan. 2017. It was organised by the R. C. Patel College, Shirpur. This year 43 students of F.Y.B.Sc., 17 Students of S.Y. B.Sc. & 8 Students of T.Y. B.Sc.) have participated in this quiz contest.

Participation 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 35 marks out of 100 qualify for final contest. In this screening test 06 students from F.Y. B.Sc., 07 Students of S.Y. B.Sc and 02 students of T.Y. B.Sc. qualified and 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 Microbiolympiad for P. G. students.

Four students of (B. Sc. I) have participated in Micro bio Slate (Essay Competition) and received their certificates .

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

### **G) Educational Tour: - Visit to ISHVED Biotech. Pvt. Ltd. Sindhkhed Raja ( Dist. Buldana)**

On 23<sup>rd</sup> Feb 2017 the Students of B.Sc. II & B.Sc. III visited to ISHVED Biotech. Pvt. Ltd Sindhkhed Raja. Visit to such Research Institute is a part of curriculum. Prof. K. D. Pensionwar & Prof. S. N. Medhe organized this tour to strengthen the scientific temper in the mind of student. Prof. Sanjay Wayal Director of

ISHVED Biotech explained each and every part of Tissue culture technique for propagation of various types of seedlings (i.e. Banana, Papaya, Gerbera etc) and while returning to Chikhli we visited to Birthplace of Maa Jijau at Sindkhed Raja.

Our Student has collected the microbial flora from different polyhouse of ISHVED Biotech. Pvt. Ltd Sindkhed raja & their further characterization is under way. Entire team & staff members have enjoyed this tour & made it grand success.

**Academic and other activities of faculty:**

1. On the occasion of National Science Day (28<sup>th</sup> Feb.2017) Prof. K. D. Pensionwar have delivered a guest lecture on 28<sup>th</sup> Feb. 2017 at Jijamata College, Buldana. The topic of guest lecture was “Significance of Microbiology in day-to-day Life. “Total 65 Students of B.Sc. II and B.Sc. III year were present for this guest lecture.
2. Prof. K. D. Pensionwar worked as an In-charge of “*Jallosh 2017*” (Social Gathering 2017) of the College as per the direction given by Principal Dr. N. B. Bhusari.
3. Principal Dr. N. B. Bhusari appointed Prof. K. D. Pensionwar as an Officer Incharge of S.G.B. Amravati University Summer 2017 Exam of the College. The period of Exam is during 20<sup>th</sup> March 2017 to 30<sup>th</sup> May 2017