

# **SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA**

## **UG, PG & Research Department of Microbiology**

### Department Report (2017-2018)

Department of Microbiology, Shri R. L. T. College of Science, Akola delivers excellent education through dedicated collaborated efforts towards achieving recognition and honor at varied levels. We strive for providing advanced academic environment, innovative techniques and creating value based globally competitive expertise through well directed honest efforts.

As every year, this year too there has been enormous strength of students willing to be admitted to department. The department has strength of 342 students at UG level, 42 students at PG level and 01 research students. As a part of curriculum all theory and practical classes were started in mid of July 2017. The Department also runs the Career Oriented Program (CCLT, DCLT & ADCLT) to which total 110students are admitted this year.

The department inspires the students for hard work and sincerity by all possible means. The students are encouraged for good work in different fields and duly awarded for their bright accomplishment. The brilliant results and splendid achievements of every year signify the ultimate goal of the department towards the world of education and society.

### **List of Faculty members of Microbiology Department (2017-18)**

<b>Name of Faculty</b>	<b>Designation</b>	<b>Year of Service</b>
Dr. V. D. Nanoty	Principal	35 years
Dr. U. K. Bhalekar	Associate Professor & Head	36 years
Dr. H. S. Malpani	Assistant professor	2 years
Ms. S. N. Gawande	Assistant professor	2 years

The department creates the right environment to nurture their exceptional talents.

- Dr. Umesh K. Bhalekar (Head, Department of Microbiology) is recognized Ph.D. Guide for the research field of Microbiology and Biochemistry.
- Dr. Umesh K. Bhalekar has worked as a judge for Akola District level “Avishkar- 2017” conducted by SGB Amravati University, Amravati in category Medicine and Pharmacy held on 4/12/2017
- Dr. Umesh K. Bhalekar has honor as Chief guest for cultural programs at Dr.PDKV and Tech Fest held on 3/10/2017 and 6/10/2017.
- Dr. Umesh K. Bhalekar has honor as Chief Guest for poster competition at S.K. College, Akola.
- Dr. Umesh K. Bhalekar worked as Senior Supervisor in Entrance Examination held by YASHADA Pune.
- Dr. Umesh K. Bhalekar has Participate n presented a poster in National conference on Recent Advances in chemical science at Akola dated on 26<sup>th</sup> and 27<sup>th</sup> Feb 2018.
- The faculty & researchers of the department are actively involved in Paper publications and Paper presentations and keeps on attending various National and International conferences.
- Dr. Harish Malpani selected for participation in India International Science festival in the category of Young Scientist, Dated on 13-16 October 2017 At Anna University Chennai.
- Dr. Harish Malpani has worked as a judge for district level Science Exhibition organized by Govt. of Maharashtra on dated on 10<sup>th</sup> December 2017 at Khandelwal School, Akola.
- Dr. Harish Malpani has worked as a judge for Science Exhibition on the theme “FOOD FOR ALL” on 7<sup>th</sup> December 2017.
- Dr. Harish Malpani delivered invited lecture on Goodness of Microorganism in one day workshop EUREKA jointly organized by state institute of Science education Nagpur and R L T College of science, Akola on 25<sup>TH</sup> November2017.

- Dr. Harish Malpani has participated and attended One Day Workshop on NAAC Assessment and Accreditation Process dated on 23<sup>rd</sup> July 2017.
- Dr. Harish Malpani has Participate in poster session in DBT Sponsored National Conference on Recent Trends in Biotechnology and Biodiversity held on 22<sup>nd</sup> and 23<sup>rd</sup> September 2017.
- Dr. Harish Malpani has participated n presented a poster in National conference on Recent Advances in chemical science at Akola dated on 26<sup>th</sup> and 27<sup>th</sup> Feb 2018.
- Ms. Sonali Gawande has participated and attended One Day Workshop on NAAC Assessment and Accreditation Process dated on 23<sup>rd</sup> July 2017.
- Ms. Sonali Gawande has participated in poster session in DBT Sponsored National Conference on Recent Trends in Biotechnology and Biodiversity held on 22<sup>nd</sup> and 23<sup>rd</sup> September 2017.
- Ms. Sonali Gawande Participated and attended One Day University level Workshop on Pursuing Research in New Contexts at SGBAU, Amravati Dated on 12<sup>th</sup> August 2017.
- Ms. Sonali Gawande has participated International Conferences on Frontiers in Life and Earth Science held at Pune dated on 18-19 January 2018.
- Ms. Sonali Gawande has Participate n presented a poster in National conference on Recent Advances in chemical science at Akola dated on 26<sup>th</sup> and 27<sup>th</sup> Feb 2018.
- Two Post Graduation students; and Ms. Sarika Surwade and Ms. Sneha Wankhede (M. Sc. II); have grabbed the 1st Merit and 2<sup>nd</sup> Merit positions in M. Sc Microbiology exams of SGB Amravati University, Amravati.
- Ms. Kanchan Mangtani participated in National level working model and poster presentation on “Innovative technologies for Rural Development in India”.
- Ms. Kanchan Mangatani (M.Sc. I) secured 2<sup>nd</sup> prize in Technothlan 2K17 GO GREEN Technical Poster Presentation held at College of Engineering and Technology, Akola dated on 10<sup>th</sup>-11<sup>th</sup> October 2017.
- Ms. Shruti Joshi ,Ms. Manisha Dhore, Ms. Harsha Agrawal, Ms. Shreeya Relkar, Ms. Mrunali Kashid, Ms. Dnyaneshwari Hatolkar, Ms. Ruchika Dhole(P.G.), Ms. Apurva Shah, Ms. Shivani Tiwari(U.G.) were qualified at district level and selected for University level Avishkar 2017 at SGBAU Amravati

- Students of the department enthusiastically participate in extra-curricular activities like Seminars, Education tours, etc. An educational tour was schematized by the department to Mahan Water Purification Plant. Total 87 students of B. Sc. III joined for the educational tour on September 9, 2017 and For the betterment of student tour of B.Sc. III sem VI student was organized to Govt. Milk Scheme (RA) dated on 20<sup>th</sup> Feb 2018.
- Educational tour of **M.Sc** Microbiology students was organized on 8<sup>th</sup> Feb 2018 to Cotton Research Institute Nagpur. Total 25 student of M.Sc Microbiology student joined for tour.
- On 27<sup>th</sup> Feb 2018, total 139 student of **B.Sc I Sem II** visited Nagarjuna botanical garden PDKV Akola.
- Department of Microbiology in association of Microbiology Society of India organized Virtual lectures frequently. Dr. A. M. Deshmukh delivered lecture on Genetically Modified food dated on 11/9/2017 and Dr. Trupti Gokhale delivered lecture on Biosensors dated on 27/9/2017.
- Discharging the noble responsibilities towards the society, the Department actively participates & conducts the Blood Donation & Blood Grouping Camps and Thallesemia detection camp. The department aided and sponsored the blood grouping of around 163 students on 24<sup>th</sup> December 2016 in memory of Late M. G. Joshi sir and at Village Sonala respectively.
- More than 40 students of B. Sc. I, II & III participated in 17<sup>th</sup> State Level Microbiology Quiz Contest organized by R. C. Patel College, Shirpur.
- Ms.Prajakta Deshmukh and Ms.Ashwini Mohod of B.Sc. II were the Winner of Microbioslate –An Essay Competetion in 17<sup>th</sup> State level Microbiolympiad at R.C. Patel Arts , Commerce and Science College ,Shirpur
- The students are encouraged for good work in different fields and duly awarded for their bright accomplishment every year on Republic Day.
- All the students of UG and PG program participated in an event on Career Counseling organized by Career & Counseling Cell of the college.
- Microbiology students activity MICRANS were Inaugurated by Dr. Murlidhar Chandekar ,Vice chancellor of SGBAU ,Amravati dated on 19/8/2017

- Dr. Vinit Varthe delivered a Guest lecture on Thallesemia dated on 11/9/2017 more than 400 students were actively participated.
- Department always strives for the betterment of students. Department has collaborated with Microbiologist Society India & has founded MICRANS unit of RLT Microbiology, this year too. For the welfare of society, the MICRANS unit has organized the Blood grouping and Hemoglobin estimation camp.
- Department of Microbiology in collaboration with MICRANS unit of RLT Microbiology celebrates the National Science Day and on this occasion poster competition for B.Sc. II year was organized on topic “My Health My Responsibilities” on date 28<sup>th</sup> Feb. 2018.
- The Department has on-going **19** Dissertation Projects.
- The Department also runs Career Oriented Program (COP), approximately 100 students are admitted to various COP Programs like CCLT/ DCLT and ADCLT.

**Dr. U. K. Bhalekar,**

The Head,

UG, PG & Research Department of Microbiology,

Shri R. L. T. College of Science, Akola