

J.S.M.P.LATUR

SHIVAJI MAHA VIDYALAYA, RENAPUR.

TQ.RENAPUR, Dist. LATUR (MAHARASHTRA)-413527



PROFILE

Department of Micro-Biology

Introduction



“The branch of Biology which deals with study of micribiales world” Anton Leeenhoeck

As Science stream of the college is established in 2009, the department of Microbiology was established in 2012-13, under the able guidance of Hon. Principal Dr. R.S. Awasthi. The Department of Microbiology is young as compared to other departments and it is on parmentally non grant basis, and need some time for development. Department has been engaged to organize various curricular as well as co-curricular student orientated activities. Miss Sameena Sayyed, Miss. Kulkarni Manisha, Miss. Shastri Aparna. Mr. Bhandarkote S.D. and Miss. Khanapure, Miss.Kasbe Pratiksha, Miss.Diksha Dhaware, Miss.Shinde Shubhangi, Miss.Anzum Shaikh was contributed to the Department as CHB Lecturer. In this college, there are many students who have been learning Microbiology as their optional subject in science faculty. A faculty of the department actively motivates to the students, to participate in Research

activity like (AVISKAR, Science Exhibitions etc.) and always tries for overall development of all students

Objectives

- To enrich the students with the knowledge of Microbiology.
- To develop their techniques in Microbiology.
- To make them academically strong enough to get the job.
- To make them a good human.

Courses Offered

Sr. No	Name of the Course	Duration	Intake capacity
1.	B.Sc.	03 Years	120

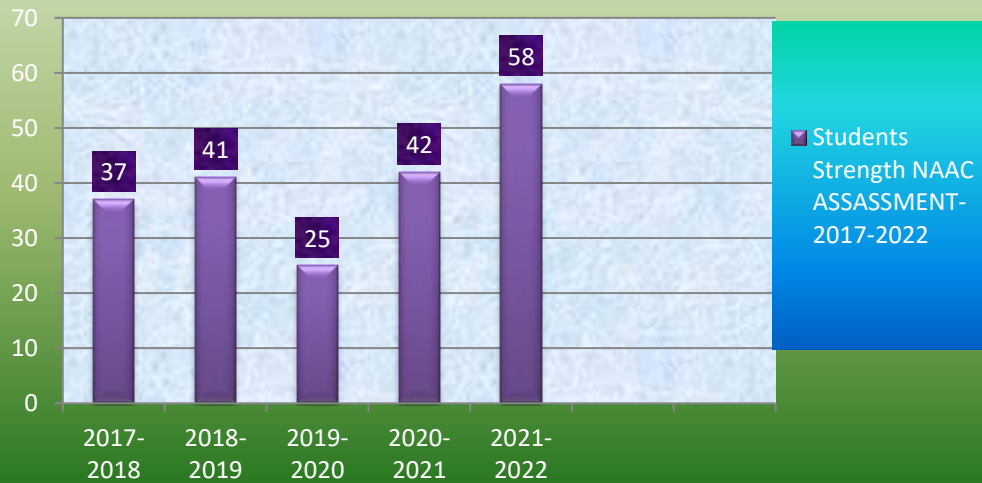
Profile of Faculty

Sr No	Name of the Faculty Member	Qualification	Designation	Experience
1.	Dr. R.S. Awasthi	M.Sc. Ph.D.	Principal	30 Yrs.
2.	Miss. Lamture M.B.	M.Sc.	Asst.Prof.(CHB)	02 Years

Student Strength

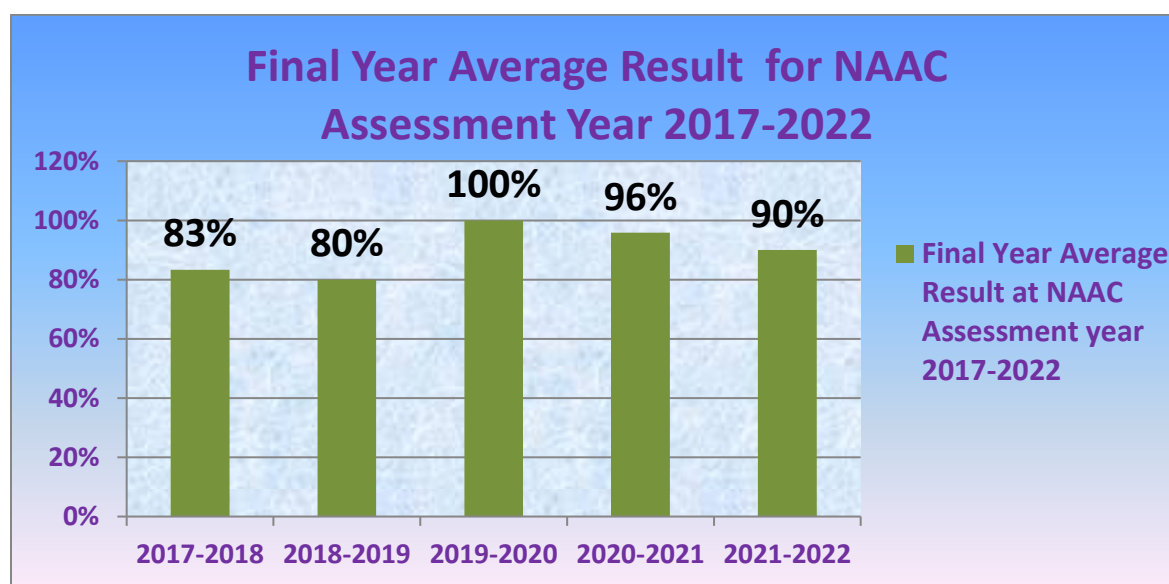
NAAC ASSASSMENT YEAR 2017-2022	
2017-18	37
2018-19	41
2019-20	25
2020-21	42
2021-22	58

Students Strength NAAC Assasment 2017-2022



Examination Results of Final Year

RE-ACCREDITATION 2014-2015	
YEAR	B.Sc. Final Year Average Result
2017-18	83.33%
2018-19	80%
2019-20	100%
2020-21	95.83%
2021-22	90%



Research Contribution

Conference/ Seminar/ Workshop attended and research Papers presented
(International, National and State)

Sr. No.	Faculty	Total
1	Dr.R.S. Awasthi	56

Research Publication

(i) Book Published as an Author/an Editor with ISSN/ISBN No.

Sr. No.	Faculty	Total
1.	Dr. R. S. Awasthi	08

International Exposure through participation Workshop/Seminar/ Conferences held
Outside the Country:

Dr. R. S. Awasthi

Sr. No.	Faculty	Month and Year	Place
1.	Agricultural biotechnology for Sustainable development ABSD-2012	March-2012	Colombo, SriLanka
2.	International Conference on	March-2012	Kanglung,

	biotechnology for better tomorrow		Bhutan
3.	DAV College, Jawalakhel Lalitpur , Kathmandu, Nepal and Microbiology society of India	May-2019	Kathmandu, Nepal
4.	Maldives National University, Male and Q-study center	Feb-2020	Maldives
5.	Colombo Plan Staff Colleges, Philippines	June-2020	Philippines
6.	Dept. of Biology Faculty of Mathematics and Natural Sciences, Udayana University Bali	October-2022	Bali, Indonesia

(ii) Research Papers Published in the International, National Reputed Journals and Conference Proceedings:

Sr. No.	Faculty	Total
1.	Dr. R.S. Awasthi	42

Research Guidance

Sr. No.	Faculty	Awarded	
		M.Phil.	Ph.D
1.	Dr. R.S. Awasthi	04	12

Contribution of Faculty in College and University

1. Dr. R.S. Awasthi

Sr. No.	College level	University level
1.	Principal	1) Member of B.O.S. Senate and standing Committee, SRTMU. Nanded
		2) Member of Evaluation Board for Ph.D. and M.Phil. thesis, SRTMU. Nanded, Dr. BAMU, Aurangabad, NMU Jalgaon, Sant Gadgebaba University, Amravati and YCMO university. Nashik
		3) Worked as Expert for CAS
		4) Worked as member of examination Reforms committee.

SWOC Analysis of the Department

Strength:

- Dr. R.S. Awasthi is well Experienced and Good academician.
- Well Equipped Laboratory.
- Registered Two Patents, one Indian Patents is awarded (No.368075 Date,31/05/2021)
- Dr. R.S. Awasthi visited to Shri Lanka and Bhutan, Nepal, Maldives, Philippines, Indonesia for International conferences and presented Research papers.
- Dr. R.S. Awasthi worked as chairman of Technical sessions in various National and International conferences.

Weakness

- No preparation and Sterilization room.
- Permanent Non Grand basis faculty.

Opportunities

- Need base courses.
- Student become self employable.
- Student gets opportunity to work as research assistants and to work in MNCs.

Challenges:

It is very difficult for the rural students to understand this subject at first year since the subject is not at +2 level.

Department is trying to resolve the problem with the help of bridge course.

Future Plan

- ❖ To provide short term skill oriented certificate courses related with subject

Dr. R. S. Awasthi
HOD, Microbiology