

**J.S.M.P. LATUR**

**SHIVAJI MAHA VIDYALAYA, RENAPUR**

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



# ***PROFILE***

**Department of Mathematics**

## Profile: Department Of Mathematics

### Introduction

The department of Mathematics was established in 2009. This department is the integral part of Shivaji Mahavidyalaya, Renapur, Dist Latur. In this rural college, there are many students who have been learning Mathematics as their optional subject in science faculty. The department has two fulltime faculty members **Dr. Raut D. K** (Head and Assistant Professor), **Mr. Thenge A. B.** (Assistant Professor). Mathematics is one of the major subjects in natural sciences. At the Degree level, we give brief idea about different branches of Mathematics like Pure Mathematics, Applied Mathematics, Operation Research etc. During these three years students are familiar with different techniques of mathematics and software's they perform the assigned practical work in the laboratory with these software's. Our department actively motivates to the students, participates in Research activity like (Madhava Mathematics Competition exam, Science Exhibitions etc.) Our department takes extra efforts for slow learners and always tries for overall development of all students.

## Objectives

- The department has the goal of producing self-dependent, knowledgeable students for higher education & Competitive exam
- To develop a positive attitude towards Mathematics
- To motivate the students to apply knowledge of mathematics in real life.
- To communicate mathematical ideas & develop investigative skills in Mathematics.
- To develop the skills of students in experimental work with advanced techniques.

## Course Offered

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

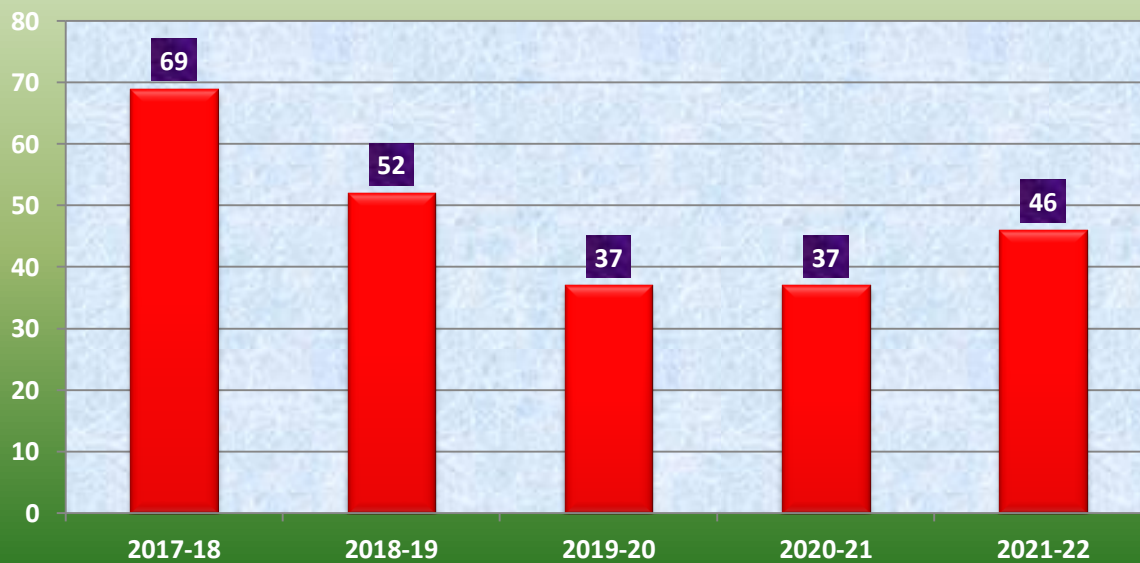
## Profile of faculty

Sr No	Name of the Faculty Member	Qualification	Designation	Experience
1.	<b>Dr. Raut D.K.</b>	M.Sc.(SET), Ph.D.	Assistant Professor & Head	07 Year
2.	<b>Mr. Thenge A.B.</b>	M.Sc.(SET), B. Ed.	Assistant Professor	07 Year

## Student Strength

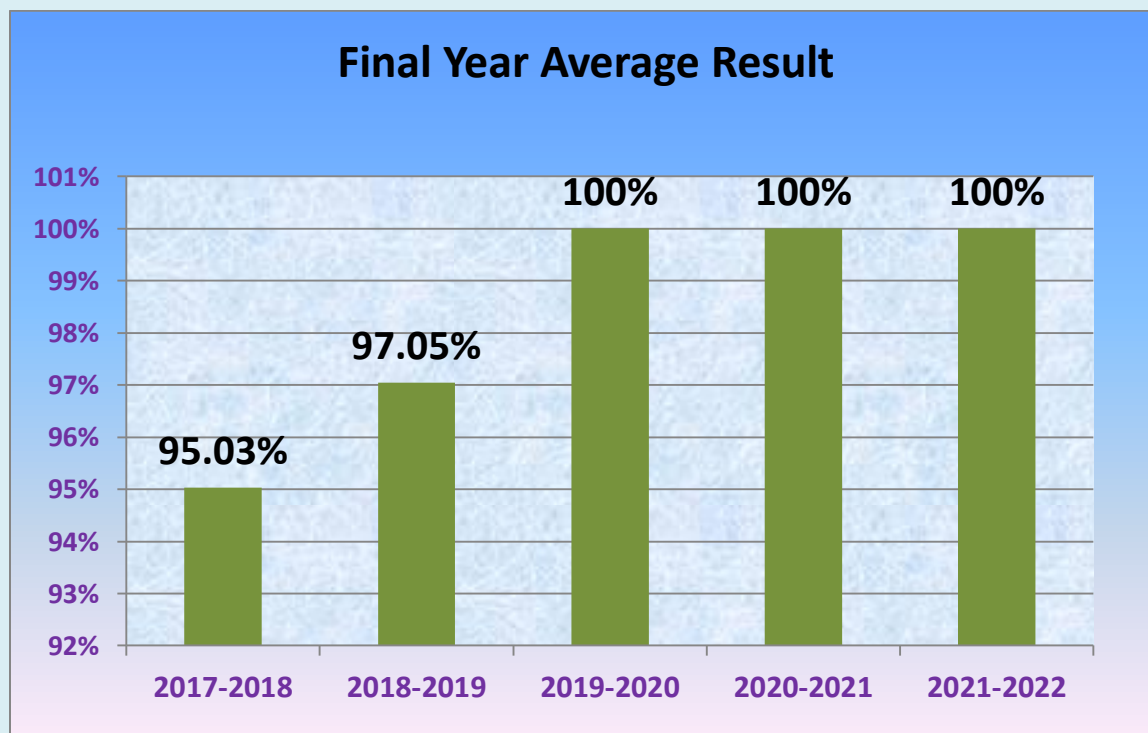
Year	Total Students
2017-2018	69
2018-2019	52
2019-2020	37
2020-2021	37
2021-2022	46

### Students Strength



## EXAMINATION RESULT OF FINAL YEAR

<b>YEAR</b>	<b>B.Sc. Final Year Average Result</b>
<b>2017-2018</b>	<b>95.03%</b>
<b>2018-2019</b>	<b>97.05%</b>
<b>2019-2020</b>	<b>100%</b>
<b>2020-2021</b>	<b>100%</b>
<b>2021-2022</b>	<b>100%</b>



## Research Contribution

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

<b>Sr. No.</b>	<b>Faculty</b>	<b>Total</b>
<b>1.</b>	<b>Dr. Raut D.K.</b>	<b>16</b>
<b>2.</b>	<b>Mr. Thenge A.B.</b>	<b>12</b>

## Research Publication

**Research Papers Published in the International, National Reputed Journals and Conference Proceedings:**

<b>Sr. No.</b>	<b>Faculty</b>	<b>Total</b>
<b>1.</b>	<b>Dr. Raut D.K.</b>	<b>08</b>
<b>2.</b>	<b>Mr. Thenge A.B.</b>	<b>03</b>

## Contribution of Faculty in College and University

### 1. Dr. Raut D.K.

Sr. No.	College level	University level
1	Member of Admission Committee	Exam Invigilator
2.	Member of Exam Committee	Member Cluster Commerce
3.	Member Placement Cell	Paper Setter
4.	Member of Science Association	Practical Examiner
5.	Member Vidyarthi Sansad Committee	Assistant College CAP
6.	Member Solar Energy Committee	
7.	Member Discipline Committee	

## 2. Mr. Thenge A.B.

Sr. No.	College level	University level
1.	Member of Science Association	Exam Invigilator
2.	Member of Sevaarth Committee	Paper Setter
3.	In charge Head Dept. Of Physical Education	Flying Squad
4.	Co-Coordinator NAAC steering Committee	JCS
5.	Member of BC Cell	Practical Examiner
6.	Member of Exam Committee	Assistant College CAP
7.	Member Career Guidance Cell	
8.	Member PFMS Committee	
9.	Member Cultural Committee	
10.	Member NRC Committee	
11.	Member Anti-ragging Committee	
12.	Member NSS Advisory Committee	



## List of Alumni

Year	Name	Designation	Name of Institution
2017-18	Dhumal Ambika D.	P. G. Student	School of Mathematical Sciences, SRTMU, Nanded
	Raje Swati Laxman	P. G. Student	School of Mathematical Sciences, SRTMU, Nanded
	Sayyad Shamin M.	P. G. Student	School of Mathematical Sciences, SRTMU, Nanded
	Suryawanshi Kranti	P. G. Student	Dayanand Science College, Latur
	Shaikh Abubakra	P. G. Student	Sanjavanee Mahavidyalaya, Chapoli
2018-19	Chavan Shweta B.	P. G. Student	Rajarshi Sahu Mahavidyalaya, Latur
	Lokhande Utkarsha	P. G. Student	Amolupchand College, Yavatmal
2020-21	Dnyaneshwar Thakur	P. G. Student	Dayanand Science College, Latur
	Samir P. Shaikh	P. G. Student	Rajarshi Sahu Mahavidyalaya, Latur
	Sanket D. Wange	P. G. Student	Sanjavanee College, Chapoli

## SWOC Analysis of the Department

### \* Strength:

- ❖ The department is actively engaged in research, presented research paper in different conferences, workshops and seminars.
- ❖ All faculties are well qualified.
- ❖ Computer Lab with MATLAB facility.

### \* Weakness:

- ❖ Workshops, seminars, Conference could not be organized.

### \* Opportunities:

- ❖ P.G. in Mathematics, M. Tech., M.C.A., Engineering.
- ❖ Good opportunities in Government and Private sector.
- ❖ Good opportunities in Research.

### \* Challenges:

- ❖ Increasing awareness amongst the students about computer education to solve the Mathematics problems.

### \* Future Plan:

- ❖ To undertake major/minor research projects.
- ❖ To organize workshop/seminars/conferences.
- ❖ To Start Skill Oriented Course in “PYTHON”.

1) **Dr. Raut D.K.**

2) **Mr. Thenge A.B.**