

Madha Taluka Shikshan Prasarak Mandal's
K. N. Bhise Arts, Commerce and Vinayakrao Patil Science College,
Vidyanagar, Bhosare

Department of Mathematics
Department Profile

Name of the Department	Mathematics		
Year of Establishment	2004		
Programme / Course offered	B.Sc.-I, B.Sc.-II		
Programme wise Examination System (Annual/Semester/CBCS)	B.Sc. Semester with CBCS		
Vision:- Students can learn and become competent users of Mathematics and its application in various disciplines.			
Mission:- <ul style="list-style-type: none">• Provide platform to acquire abilities to evaluate problems using Analytical / numerical/ graphical techniques.• Provide a back ground for relating mathematical techniques.			
Objectives:- <ul style="list-style-type: none">• Appreciate the usefulness power and beauty of Mathematics.• Develop mathematical curiosity and use inductive and deductive reasoning when solving problems.• Develop abstract, logical and critical thinking.• Become Confident in using mathematics to analysis and solve problems both in academic and in real life situations.			
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Course conducted by the department:-	A Certificate Course in Drawing and Painting		
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Number of Teaching posts:-	Full Time - 01		
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Faculty Profile:-			
Name	Qualification	Designation	Experience in Years
Mr. V. S. Shinde	M.Sc. SET, M.Phil	Assistant Professor	11

Non Teaching Staff			
Mr. Shiraskar B.N.	B.Sc.	Lab Attendant	11
Publications:-		----	
Name of Faculty		Seminar/ Conferences attended	
Mr. V. S. Shinde		06	
Faculty working as chairman/ member on various committees/ Boards:-			
Mr. V.S. Shinde		Member- Grievance Redressal Cell Member-Admission Committee Member-Science Association Member- Student Development Cell Member- AIDS Awareness Committee Member-College News Letter-Yuva-Prerana, Media –News Paper Publicity	
Student profile Programme / Course wise:-			
Course	Year	Appeared	Pass %
B.Sc.-II	2015-16	43	70.73
	2016-17	30	83.33
	2017-18	11	95.45
	2018-19	23	76.08
	2019-20	21	100
	2020-21	16	93.75
Details of Infrastructural facilities:-			
<ul style="list-style-type: none"> • Computer with Internet facility • ICT Enabled Classroom • LCD Projector • Departmental Cabin 			
Details of student enrichment programmes (special lectures / workshops / seminar) with external expert guidance:-			
<ul style="list-style-type: none"> • Remedial Classes for Slow learners. • Classes for Advance learners • Bridge Course • Mentor Mentee • Expert Lecture • Students Seminar • Soft Skill development 			
Other Activities:-			
<ul style="list-style-type: none"> • Teacher Day • National Mathematics Day • Science Day • To conduct AIDS Awareness Activity in Society and Institutions. 			

Teaching methods adopted to improve student learning:			
<ul style="list-style-type: none"> • Lecture Method. • Inductive –Deductive Method. • Analytic –Synthetic Method. • Demonstration Method. • Laboratory Method. • Problem Solving Method. 			
Guest Lectures:			
Sr. No.	Subject	Name of Resource Person	Date
1	Group and its Properties	Mr. Shinde Sir	02/01/2020
SWOC analysis of the Department and future plans:			
Strengths			
<ul style="list-style-type: none"> • Qualified &Dedicative faculty, both full-time & adjunct (in & outside class) • Enabled ICT teaching • Remedial classes • The department is strong student centered and focused • Regular guidance by the faculty to student 			
Weakness			
<ul style="list-style-type: none"> • Lack of awareness of Education • Economically & Socially backward Students • Poor subject knowledge of student 			
Opportunities			
<ul style="list-style-type: none"> • Academic Enhancement of students and staffs • Creation of employability through competitive Examination Centre. • To develop scientific and research attitude in students. 			
Challenges			
<ul style="list-style-type: none"> • Less interested students in traditional Courses • Student centered activities • Reducing unemployment & inequality • To increase communication skills among students coming from rural background 			
Future Plan of The Department			
<ul style="list-style-type: none"> • To start B.Sc.-III in Mathematics • To conduct training classes for competitive examinations • To organize seminars and guest lecturers for the benefit of the staff and the students • To motivate students to present papers in National Seminars, Conferences. • To motivate students to attending workshops on Mathematics and its allied branches to upgrade skills. 			