

M. S. P. Mandal's

**YESHWANTRAO CHAVAN ARTS, COMMERCE & SCIENCE
COLLEGE, AMBAJOGAI, DIST.-BEED.-431517.**



DEPARTMENT OF MATHEMATICS

File No. 1. DEPARTMENTAL PROFILE

M.S.P. Mandal's

**YESHWANTRAO CHAVAN COLLEGE, AMBAJOGAI
DIST.BEED-431517 (M.S.)**

Department of Mathematics

FM/YCC/MATH/DP/01

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M.S.P. Mandals

**YESHWANTRAO CHAVAN ARTS, COMMERCE & SCIENCE
COLLEGE, AMBAJOGAI, DIST.-BEED.-431517.**

Department of Mathematics



Vision :-

To create self – confidence among students through liptodeate curriculum designing
To develop and maximize the learning competency. To inculcate the social and moral values that enable the students to become good citizens to develop true research attitude.

Mission :-

Provide the students with good quality education that integrates science, technologist and society and society and to Perform value based real time research activities and there by leaping to excellence.

- **FACULTY:**

Photo	Name of Faculty	Designation	Qualification	Resume
	Miss. Pranali Prataprao Shinde	Assistant Professor on Fix Pay	M.Sc. B.Ed. (Appear)	View
	Miss. Sayed Sayma Amreen	Assistant Professor on Fix Pay	M.Sc. B.Ed.	View

A: IMPORTANCE AND SCOPE OF MATHEMATICS :-

Mathematics is a methodical application of matter. It is so said because the subject makes a man methodical or systematic. Mathematics makes our life orderly and prevents chaos. Certain qualities that are nurtured by mathematics are power of reasoning, creativity, abstract or spatial thinking, critical thinking, problem-solving ability and even effective communication skills.

Mathematics is the cradle of all creations, without which the world cannot move an inch. Be it a cook or a farmer, a carpenter or a mechanic, a shopkeeper or a doctor, an engineer or a scientist, a musician or a magician, everyone needs mathematics in their day-to-day life. Even insects use mathematics in their everyday life for existence.

Snails make their shells, spiders design their webs, and bees build hexagonal combs. There are countless examples of mathematical patterns in nature's fabric. Anyone can be a mathematician if one is given proper guidance and training in the formative period of one's life. A good curriculum of mathematics is helpful in effective teaching and learning of the subject.

Experience says learning mathematics can be made easier and enjoyable if our curriculum includes mathematical activities and games. Maths puzzles and riddles encourage and attract an alert and open-minded attitude among youngsters and help them develop clarity in their thinking. Emphasis should be laid on development of clear concept in mathematics in a child, right from the primary classes.

If a teacher fails here, then the child will develop a phobia for the subject as he moves on to the higher classes. For explaining a topic in mathematics, a teacher should take help of pictures, sketches, diagrams and models as far as possible. As it is believed that the process of learning is complete if our sense of hearing is accompanied by our sense of sight. Open-ended questions should be given to the child to answer and he/she should be encouraged to think about the solutions in all possible manners. The child should be appreciated for every correct attempt. And the mistakes must be immediately corrected without any criticism.

The greatest hurdle in the process of learning mathematics is lack of practice. Students should daily work out at least 10 problems from different areas in order to master the concept and develop speed and accuracy in solving a problem. Learning of multiplication-tables should be encouraged in the lower classes.

After Completing their graduate degree in B.Sc Mathematics candidates have tremendous opportunities for their higher studies. Various higher studies options after B.Sc Mathematics are

- Master of Science in Mathematics
- Master of Science in applied Mathematics
- Master of Science in Mathematics (Honors)
- Master of Philosophy in Mathematics
- Master of Business administration
- Post graduate diploma in life Science

B. INTRODUCTION OF DEPARTMENT:

The Department of Under Graduate Studies in Mathematics was established in June 2009. Being a Department in the backward area of Maharashtra, it has played an important role in

developing higher studies and research in Mathematics in this region. The department contributed a lot in National Integration work by spreading Mathematics knowledge in rural area. The Department could give academic leadership in some of the new areas of Mathematics studies. This department is trying to create Literary sense through organize of various Literary Programmers. The department keeping in view the changing social norms, communication patterns, different social roles of language in our society and fast changing social values in our time. While execution of syllabus, sufficient care has been taken to cater to above needs. It has been kept flexible enough to incorporate various requirements of the students in the context of contemporary society. Special attention is also given to the regional and comprehensive studies of Mathematics.

C. ESTABLISHMENT OF THE DEPARTMENT:

Sr. No.	Courses	Year of Establishment
01.	U.G. Courses	June-2009

About the College : - Yeshwantrao Chavan College was established in June 1972. The Department of Under Graduate Studies in Mathematics was established in 2009 and started catering education to B.Sc first year Mathematics students of science through Optional Subject

• **Activities of the Department :**

Sr. No.	Title of the Activity	No. of Activities
1	Guest Lecture Series	01
2	Wall Papers	01
3	Inauguration of Science Forum	01
4	Math's Day	01

D. FORMER HEADS/TEACHERS LIST AND THEIR CONTRIBUTIONS :

i. FORMER HEADS:

Sr. No.	Name of the Heads	Designation	Tenure
1.	Miss. Pranali Prataprao Shinde	Assistant Professor on Fix Pay	2022-23
2.	Miss. Sayed Sayma Amreen	Assistant Professor on Fix Pay	2022-23

ii. TEACHERS LIST AND THEIR CONTRIBUTIONS:

Sr No.	Name of the Teacher	Education Qualification	Contribution at a Glance
1.	Miss. Pranali Prataprao Shinde	M Sc Mathematics	Assistant professor on Fix Pay
2.	Miss. Sayed Sayma Amreen	M Sc Mathematics	Assistant professor on Fix Pay

F. DEPARTMENT OBJECTIVES TO BE IDENTIFIED :

Our college is run by Marathawada Shikshan Prasarak Mandal, Aurangabad. This institution is one of the oldest and the biggest institution of Marathawada region. The department of Mathematics is committed to Institutional Motto, Vision & Mission.

- To support of the students for higher education.
- To provide the quality education for students.
- To acquire good knowledge in Mathematics.
- To develop overall personality.
- To create their research attitude.

Department of Mathematics is committed with acquire good knowledge and personality development through various student centric activities like Campus interviews, seminars, Conferences etc.

G . FUTURE PLAN:

1. To start the P.G. Courses for the Rural Students with the help of Institution & University.(2017-18)
2. To start the Research Centre for the Researcher with the help of Institution & University.(2017-18)
3. U.G.C. Major & Minor Research Projects will be prepared by faculties.(2017-18)
4. State & National Level Seminars & Conferences will be organized through the department with the help of U.G.C.(2017-18)
5. To start the Departmental Library with the help of college.

PHOTOGALLERY:



Guest Lecture Series





Guest Lecture Series



