

PROGRAM OUTCOME

B.Sc/B.A

PO	PARTICULARS
PO-1	To provide adequate basic knowledge about Mathematics among the students.
PO-2	The syllabus is based on the interdisciplinary and integrated curriculum with problem solving and hands on learning environment.
PO-3	To train the students for solving high level problem in Mathematics and develop some Mathematical model.
PO-4	Solve complex problem by critical understanding and analysis.
PO-5	To motivate students to take up higher studies in India & abroad.
PO-6	To develop appropriate skills in the students so as to make them competent and provide themselves self-employment.
PO-7	At the end of the three year Bachelors course in Mathematics, students would gain the fundamental concept of Mathematics.

M.Sc/M.A

At the end of the programme, the students will be able to:

PO	PARTICULARS
PO-1	Explain the knowledge of contemporary issues in the field of Mathematics and applied sciences.
PO-2	To provide adequate basic knowledge about Mathematics among the students.
PO-3	Apply knowledge of Mathematics, in all the fields of learning including higher research.
PO-4	Design the methodology suitable to the problem encountered.
PO-5	To train the students for solving high level problem in Mathematics and develop some Mathematical model.
PO-6	Innovate and solve complex mathematical problems using the knowledge of pure and applied mathematics.
PO-7	To motivate students to take up higher studies in India & abroad.
PO-8	To develop appropriate skills in the students so as to make them competent and provide themselves self-employment.
PO-9	Adjust themselves completely to the demands of the growing field of Mathematics by lifelong learning.
PO-10	Crack lectureship and fellowship exams approved by UGC like CSIR–NET and GATE.

PROGRAM SPECIFIC OUTCOME

B.Sc/B.A-I & II Semester

PAPER	SUBJECTS	OUTCOME
1	Differential Calculus	This programme enables the B.Sc/B.A students to understand the various concept of Mathematics with some applications in Sciences and Engineering and gives them the confidence to solve the high level Mathematical problem related to different fields. It aims to provide adequate basic understanding about Mathematical knowledge.
2	Differential Equations	

B.Sc/B.A-III & IV Semester

PAPER	SUBJECTS	OUTCOME
1	Real Analysis	This programme enables the B.Sc/B.A students to understand the various concept of Mathematics with some application in Sciences and Engineering ad gives them the confidence to solve the high level Mathematical problem related to different fields. It aims to provide adequate basic understanding about Mathematical knowledge. To improve analytical and logical skills.
2	Algebra	
3	Integral calculus	

B.Sc/B.A-V & VI Semester

PAPER	SUBJECTS	OUTCOME
1	Linear Programming	This programme enables the B.Sc/B.A students to understand the various concept of Mathematics with some application in Sciences and Engineering ad gives them the confidence to solve the high level Mathematical problem related to different fields. It aims to provide adequate basic understanding about Mathematical knowledge.
2	Linear Algebra	
3	Vector Calculus	

M.Sc/M.A I Semester

PAPER	SUBJECTS	OUTCOME
1	Discrete Structures	<ol style="list-style-type: none"> 1. To develop problem-solving skills and apply them independently to problems in pure and applied mathematics. 2. To assimilate complex mathematical ideas and arguments. 3. To improve analytical and logical skills.
2	Abstract Algebra-I	
3	Mechanics	
4	Complex Analysis	
5	Operation Research I	

6	Viva-Voce	<ol style="list-style-type: none"> 4. To develop abstract mathematical thinking. 5. To perform research in conjunction with others as well as individually.
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M.Sc/M.A II Semester

PAPER	SUBJECTS	OUTCOME
1	Abstract Algebra-I	<ol style="list-style-type: none"> 6. To develop problem-solving skills and apply them independently to problems in pure and applied mathematics. 7. To assimilate complex mathematical ideas and arguments. 8. To improve analytical and logical skills. 9. To develop abstract mathematical thinking. 10. To perform research in conjunction with others as well as individually.
2	Fluid Dynamics	
3	Operation Research II	
4	Real Analysis	
5	Metric Spaces	
6	Viva-Voce	

M.Sc/M.A III Semester

PAPER	SUBJECTS	OUTCOME
1	Topology	<ol style="list-style-type: none"> 1. To develop problem-solving skills and apply them independently to problems in pure and applied mathematics. 2. To assimilate complex mathematical ideas and arguments. 3. To improve analytical and logical skills. 4. To develop abstract mathematical thinking. 5. To perform research in conjunction with others as well as individually.
2	Differential Equations	
3	Differential Geometry	
4	Mathematical Statistics	
5	Calculus of variations	
6	Mathematical Methods	
7	Viva-Voce	

M.Sc/M.A IV Semester

PAPER	SUBJECTS	OUTCOME
1	Measure and Integration	<ol style="list-style-type: none"> 1. To develop problem-solving skills and apply them independently to problems in pure and applied mathematics. 2. To assimilate complex mathematical ideas and arguments. 3. To improve analytical and logical skills. 4. To develop abstract mathematical thinking. 5. To perform research in conjunction with others as well as individually.
2	Functional Analysis	
3	Linear Integral Equations	
4	Fluid Mechanics	
5	Fuzzy Set Theory	
6	Viva-Voce	