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Every Good Work

SACRED HEART COLLEGE (AUTONOMOUS)

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A Don Bosco Institution of Higher Education, Founded in 1951 * Affiliated to Thiruvalluvar University, Vellore * Autonomous since 1987

Accredited by NAAC (4th Cycle – under RAF) with CGPA of 3.31 / 4 at 'A+' Grade

Name of the Programme: B.Sc. Mathematics

S No	Title of the Paper	Course Code	Course Objectives	Course Outcomes	Relevance
1	MATHEMATICAL APTITUDE – I (SSP)		<ul style="list-style-type: none">To prepare the Students for Competitive Examinations	<ul style="list-style-type: none">gain knowledge about important topics that are necessary to clear competitive examinations.	National
2	MATHEMATICAL COMPETENCE COURSE (SSP)		<ul style="list-style-type: none">To train the students to acquire knowledge for appearing/ Preparing NBHM and all India PG entrance exams other competitive exams	<ul style="list-style-type: none">understand basic concepts of calculus, vectors, matrices, sequences ,series and algebra.	National
3	NON-MAJOR ELECTIVE MATHEMATICS FOR COMPETITIVE EXAMINATIONS-I	NMA 504	<ul style="list-style-type: none">To prepare the students for competitive examinations	<ul style="list-style-type: none">to approach competitive examinations with less anxiety and fear.	National

4	MATHEMATICAL APTITUDE – II (SSP)		<ul style="list-style-type: none"> To prepare the Students for Competitive Examinations. 	<ul style="list-style-type: none"> Acquire knowledge on important topics that are necessary to clear competitive examinations. 	National
5	NON-MAJOR ELECTIVE MATHEMATICS FOR COMPETITIVE EXAMINATIONS - 2	NMA 604	<ul style="list-style-type: none"> To prepare the students for competitive examinations 	<ul style="list-style-type: none"> acquire knowledge about profit and loss, problem on trains, boats and stream, problems on calendars, Probability and data interpretation problems which helps to clear competitive examinations 	National
6	SCILAB FOR MATHEMATICAL COMPUTATIONS		<ul style="list-style-type: none"> To acquire the practical knowledge of SCILAB for solving the Matrix, polynomials and differential equations 	<ul style="list-style-type: none"> solve problems in matrices using scilab. solve simple problems in ODE and PDE 	National