

ANNUAL REPORT OF THE ACTIVITIES FOR THE ACADEMIC YEAR 2020-21

DEPARTMENT OF MATHEMATICS

The following were the activities for the academic year 2020-21:

Department of Mathematics organized Webinar on “Graph Theory – Research Problems for Under Graduates” by Rev. Dr. Joseph Varghese Kureethara CMI, Professor, Department of Mathematics, Christ (Deemed to be University), Bangalore on 17th May 2020. In the month of May 2020, conducted a digital learning survey among students of St. Joseph’s College, Irinjalakuda regarding the digital opportunity available for learning from home. Dr. Sr. Deeni C J, Assistant Professor, Department of Mathematics, St. Joseph’s College (Autonomous), Irinjalakuda has been a resource person in the two day online national seminar on recent research topics in Mathematics, Auxilium College (Autonomous), Vellore in the topic “Introduction to Cayley Graphs” on 28th and 29th of May 2020. In connection with National Statistics Day Celebrations, department has conducted an invited talk on “Importance and Scope of Statistics” by Dr. Nidhi P. Ramesh, Assistant Professor, Department of Statistics, Mar Athanasius College (Autonomous), Kothamangalam on 29th June 2020. On 3rd September 2020, III UG students organized a Power point presentation competition “πratezzz PPT Competition 2k20” on the topic “Math Magic and Mystery”. SIM Club activities 2020-21, Inaugurated by Prof. Subrahmanian Moosath K S, Department of Mathematics, Indian Institute of Space Science and Technology, Thiruvananthapuram and also conducted a webinar on Geometry on 2nd October 2020. The journal by PG students of mathematics “MATHZIANNA- Vol. 12” - was released on 3rd September 2020. The new BVoc course on Mathematics & Artificial Intelligence was inaugurated by Rev.. Fr. Jaison Paul Mulerikkal CMI, Principal, Jyothi Engineering College, Cheruthuruthy, Thrissur on 9th November 2020. In connection with Mathematics Day Celebration, Poster making Competition “Pegasus” was conducted as a part of SIM club activities by I PG students on 17th December 2020. In connection with Fibonacci Day Celebration, I UG students organized an International online Mathematics Quiz “Sciento Fabio Quest” in the month of December 2020. Department of Mathematics Offered Certificate course on “Vedic Mathematics” for I & II UG (Mathematics), BVoc (Mathematics & AI) students in this academic year.

**CENTRE FOR RESEARCH IN MATHEMATICAL SCIENCES
(CRMS)**

University of Calicut Guideship sanctioned for the faculty Dr. Sabna K. S., Department of Mathematics, KKTU Government College, Pullut, Thrissur on 07-10-2020. Ph. D. has been awarded to Ms. V. Vibitha Kochamani, Research Scholar, CRMS, St. Joseph's College, Irinjalakuda under the supervision of Dr. Lilly P. L, Associate Professor, Department of Mathematics, St. Joseph's College, Irinjalakuda on the conclusion of Open defense viva-voce on 18.06.2020. Ph. D. has been awarded to Ms. Deepthi A. N., Assistant Professor, SN College, Nattika, Thrissur under the supervision of Dr. Mangalambal N R, Associate Professor, Department of Mathematics, St. Joseph's College, Irinjalakuda on the conclusion of Open defense viva-voce on 24.06.2020. Department of Mathematics organized an International webinar on "Recent Research Developments in Graph Theory" by Dr. Sudeep Stephen, Lecturer, Department of Mathematics, University of Auckland, New Zealand on 15th December 2020. Published a paper in Sci, Web of Science and Scopus Indexed research journal by a faculty of the department and published two papers in internationally referred journals by the research scholars.

