

**ANNUAL REPORT OF THE ACTIVITIES FOR THE ACADEMIC YEAR
2021-2022**

DEPARTMENT OF MATHEMATICS

- 1 Postgraduate and Research Department of Mathematics, St. Joseph's College (Autonomous), Irinjalakuda organized a two-day '**NET-JRF Orientation Programme** in Mathematical Science' on 21st and 22nd May 2021.
- 2 Department organized **Career orientation programme for Math Aspirants** on 5th June 2021 and **Carrer in Statistics** on 27 January 2022. Mr. Vishnudas V, Mathematician, iTech Labs and Dr.Rajesh G, Professor and Head, Dept of Statistics,CUSAT was the resource persons of the programme respectively.
- 3 As a part of 15th **National Statistics Day** celebrations, on 29th June 2021, a Collage making competition based on the theme "Graphic Representation of Covid data in social media and Newspapers" was organized for the students.
- 4 On 3rd July 2021 the Department of Mathematics hosted a Webinar on '**ADMINISTRATIVE STATISTICS**'. Sri Shojan A. P., Deputy Director, Department of Economics and Statistics, Thrissur, taught a session on Administrative Statistics.
- 5 A webinar on "**BEING AN INTERNATIONAL TUTOR - A Career Next to You**" was hosted by the Department. The Webinar was held via Google Meet, and the resource person, Ms.Sandra Rebera a Certified Online Tutor since 2005, taught the class on 30th July 2021.
- 6 Department has been shifted to new venue and blessing has been done on 8th September 2021
- 7 On September 18th, an **orientation workshop for JAM entrance** was held online for final year B. Sc. mathematics students The session was delivered by Mr. Anoop, Academic coordinator, MATHLAB cochin .
- 8 On October 2nd Gandhi Jayanti Day, Mathematics Department hosted a webinar on "**Ignite Yourself.**" delivered by by Rev.Fr.Jobi Menoth, Assistant Professor, Department of Psychology, St.James Medical Academy.
- 9 A **National Level Intercollegiate PowerPoint Presentation Competition 2021** was conducted on 21st and 22nd of October by the Department of Mathematics. "Mathematical Discoveries that Changed the World" was the theme of the ppt competition.
- 10 The Department of Mathematics organized a **Poster Making Competition** in association with **Fibonacci Day**, observed every year on 23rd November, 2021.

- 11 **SIM club Activities for the year 2021-22** of Postgraduate and research department of Mathematics inaugurated by Ms Lilly T I retired associate professor of the department of mathematics on 30.11.2021th November. Toppers of the academic year 2020 and 2021 have been awarded in the function. Student manuscript **MATHZIANNA VOL. 13** by postgraduate students (2019-21 batch) is released by Principal, Dr Sr. Asha Therese in the programme.
- 12 Dr N. Annamali from the Central University of Tamilnadu delivered a Virtual talk using conference facility on the topic from **Ring Theory** on 30th November in connection with association inauguration
- 13 As per MoU signed by St. Joseph's College (Autonomous), Irinjalakuda and Sahrdaya College of Advanced Studies, Kodakara, Faculty and student exchange programme has been conducted in the month of Novemebr. Ms. Sherin Jose T from St. Joseph's College and Dr. Rani M. J. from Sahrdaya college handled the classes using Google class room and google meet.
- 14 A chart-making competition on the theme of "**National Mathematics Day**" was held in commemoration with National Mathematics Day on 22nd December 2021.
- 15 In connection with Christmas celebrations, Star making competition was organized on 22nd of December 2021. More than 100 stars has been displayed by the students.
- 16 World Environment Day , International Yoga Day, Independence day and Human Rights Day has been celebrated online by creating short videos, online posters and short movies
- 17 Organized Webinar on "The importance of Artificial Intelligence" by Ms Krishnachalitha KC, MSc Computer Science, B.Ed., PhD (pursuing) on 7th May 2021.
- 18 Conducted a quiz completion by students of IInd B.Voc Mathematics and Artificial Intelligence, St. Joseph's College, Irinjalakuda regarding the regarding the topic Mathematics and Artificial Intelligence on 7th May 2021.
- 19 Organized Talk on "Introduction to deep learning" by Ms. Tina (Assistant professor, Dept. Computer Science, St. Joseph's college, Irinjalakuda) on 30th November 2021.
- 20 Conducted a game corner named 'squid game' by the students of IInd B.Voc Mathematics and AI on 30th November 2021.

Achievements

21. 13 students has been placed in various MNC's like TCS, INFOSYS, WIPRO, HEXAWARE in the year 2021
22. There are five A+ grade holders in B. Sc. Mathematics and Three O grade holders in M. Sc. Mathematics in the academic year 2020-21 passout batch
23. Devika K A from II B. Sc. Mathematics has been selected for the prestigious Online Foundation Course in Mathematics an by MTTTS (Mathematics Training and Talent Search) which is a Popular National level mathematics undergraduate training program in India

CENTRE FOR RESEARCH IN MATHEMATICAL SCIENCES (CRMS)

- University of Calicut Guideship sanctioned for the faculty Dr. Pravas K., Department of Mathematics, KKTU Government College, Pullut, Thrissur on 18-05-2021.
- RAC held for 4 new research scholars on 29/09/2021.
- Department of Mathematics organized an endowment lecture in honour of Dr. Mangalambal N. R. instituted by the research scholars of the department was conducted as webinar on 20/03/2021 by Dr. Aparna Lakshmanan S, Assistant Professor, Department of Mathematics, Cochin University of Science and Technology on the topic '**Topology generated by Graph**'.
- National webinar on '**Basic tools in algebra and analysis**' was conducted on 3rd February 2022 in online mode. Dr M. N. Narayanan Namboothiri from CUSAT, Dr Krishna Hanumanthu from CMI Chennai, Dr Viji M from St. Thomas College(Autonomous), Thrissur were Resource persons for the programme.