JSS COLLEGE FOR WOMEN

CHAMARAJANAGAR

DEPARTMENT OF MATHEMATICS

<u>MAHEMATICS CLUB ACTIVITIES</u>

(<u>2017-2022</u>)

About the club:

- Established in the year 2017

Club members:

Sl.no	Name	Position
1	Principal of the college	President
2	Head of the department	Coordinator
3.	Faculty and Students Representatives	Members

Objectives:

- To organize department activities under the Mathematics Club.
- To conduct Student centric activities.
- To maintain interest in Mathematics.
- To enhance the creativity of students.
- To remove Mathematics Phobia among the students.
- Mathematics club extend learning beyond the limit of the classroom.

Activities:

- **Special Lectures**
- **Students Seminar**
- **Competitions**

Activities of Mathematics club 2017-2018

Special Lecture on Mathematics in 21st century
21/7/2018.

RESOURCE PERSON: Dr Yogananda C , Head,Department of Mathematics
                                    SJCE,Mysore

Dr Yogananda in his special lecture told about the importance of Application of Mathematics in 21st Century and in the field of Science and technology. He said that application of Mathematics in the field of Science and technology creating the wonders. He explained the application of Mathematics in virtual prototyping, linguistic Interpretation, Medical Imaging, Archeological Surveying etc.

Principal, prof .A G Shivakumar, presided over the special talk.132 students were participated in the program.

Activities of Mathematics club 2019-2020

Students Seminars on Application of Mathematics

22/02/2020

The department conducted student's centric activities like students seminar to enhance the communication, explanation, question and answering skills among the students. In these activities students has to make power point presentation and to present, on the topic of their own choice. There are 8 groups of the students consist 10 Students in each group and every students took part in the activities.

Topic: Applications of Mathematics in Music
By:Kum.Pavithra and team, III Bsc

Topic: Aeronatics
By:Kum Megha M and team
III Bsc

Activities of Mathematics club 2021-2022

Special Lecture on Graph Theory and its Applications
6/12/2021

RESOURCE PERSON: Dr.Vinay Kumar,Associate professor and Head Of the department **,**Department Of Mathematics,Shri H D Devegowda Govt First Grade College,Padavalahippe, Hasan.

Dr.Vinay Kumar,the resource person in his speech started his speech by the application of Graph theory with an example of traffic signals. He enlightened the listeners on the history and development of the concept of Graph theory. He explained Peterson's Graph, Konigsberg Bridge problems, Hamiltonian Graph, Eulerian Graph and important applications of Graph Theory of Graph Theory in Kirchoff's circuit diagram, in the study of Crystal lattice in Chemistry and in Data Mining which are used in super markets to analyze the details of sales by the customers . He motivated the students to take part in the field of research.
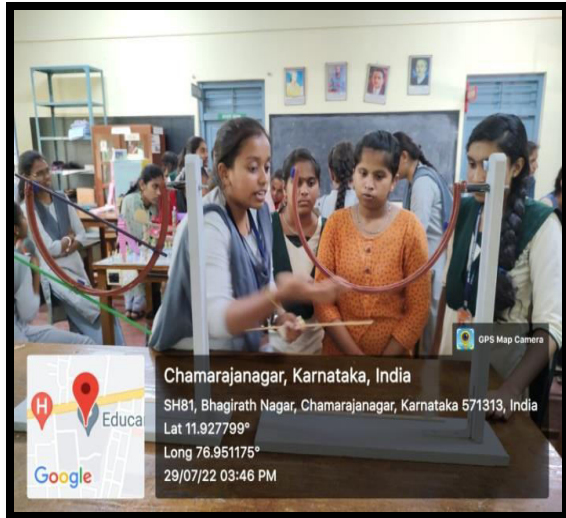
Mathematics Exhibition

29/07/2022

Chief guests : Sri.Mariswamy P, Principal, Govt. PU College,Chamarajanagar.

Judges: Dr. P S Guruprasad, Associate Professor and HOD,department of Mathematics, Govt.First Grade College,Chamarajanagar and

Sri M Mahadevaswamy,lecturer, Department Of Mathematics, Govt PU college for Boys, Chamarajanagar

Prize winners

I Place - Kum. Megha and Kum.Manasa Sahithya

II Place - Kum. Shilpa and Kum.Harsha Hatwarr

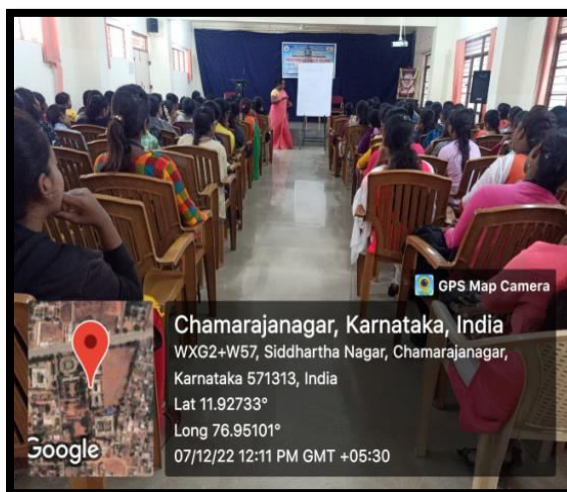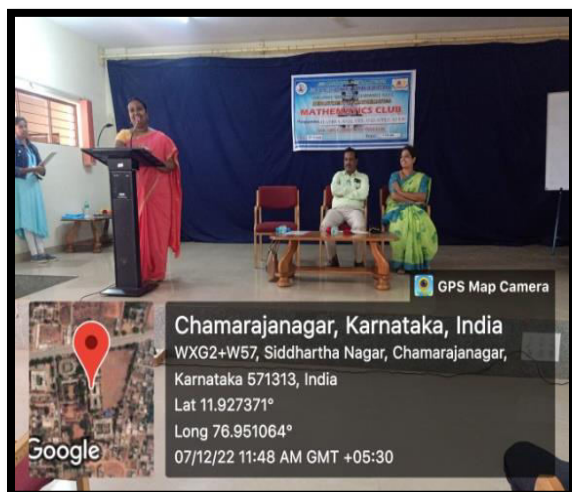**III Place-Kum. Aishwarya and Kum. Kavyashree**

Kum.Preeti C R ,Kum.Nikhitha S and kum Manohari

Activities of Mathematics club 2022-2023

Special Lecture on Algebra: Analysis and application
7/12/2022

RESOURCE PERSON: Dr.Ruby Salestina M,Professor, Department of Mathematics,Yuvaraja's college,Mysuru.

Dr. Ruby Salestina,the resource person in her speech, opined that the students should know the application of each concept. She told that, by understanding the subject we can do wonders. She also said about the importance of application of Mathematics in various fields.

She started her speech by recalling some basic concepts of Algebra, like number theory, basic laws of Group theory .She explained about the natural numbers, sets, important laws of algebraic structure. In the analysis part of the special talk she analyzed about the closed and open intervals ,summation of the nth terms and sub intervals. She enlightened on the applications of Rolle's theorem in the construction of buildings, ie one of the conditions of the theorem, f (a) = f (b) is applied in the construction of pillar which is basic support for the whole building. She motivated the students to take part in the field of research.

Orientation program :Discover, Connect and Thrive
06/06/2023

RESOURCE PERSONS:

- **Dr.Shanmukappa Kaginelli**, Associate Professor and Course Coordinator, Division of Medical Physics, School of life Sciences, JSS Academy of Higher Education and Research, Mysuru
- **Dr.T S Gopenath**, Associate Professor and Coordinator, Department of Biotechnology and Bioinformatics, JSS Academy of Higher Education and Research, Mysuru
- **Dr.Shankaramma K** , Assistant Professor Department of Nano Science and Technology,JSS Academy of Higher Education and Research, MysurU
- **Dr.Kanthesh B M ,** Associate Professor, Department of Molecular Biology, JSS Academy of Higher Education and Research, Mysuru
- **Dr.Pallavi N,** Associate Professor, Department of Environmental Science,JSS Academy of Higher Education and Research, Mysuru

Glimpse of the Workshop

Objectives:

- To know about the post graduation courses
- Career Guidance

Outcomes:

- Students came to know about the post graduate courses
- Students get motivated to pursue higher education