

Department of Mathematics

Annual Report: 2021-22

Department of Mathematics has organized following activities in academic session 2021-22.

1. Mathematics Association:

The Department of Mathematics has formed Mathematics Association. Dr. V. U. Pochhi Madam, IQAC Co-ordinator, Professor and Head, Department of Botany presided over the function. In her speech she shares her ideas regarding importance of association. The members are selected on the criterion of marks scored by them in previous university examinations. Mr. Harshal Gavhale (B. Sc. III year student) becomes president for mathematics association for period 2021-22.

2. Organization of National level Webinar:

Department of Mathematics & IQAC, Shri Shivaji Science and Arts College, Chikhli in collaboration with Jijamata Mahavidyalaya, Buldhana organize a National level webinar Laser as a Tool in Advance Technology & Research, Theory of Everything on 29th September 2021. Researcher from all over India participated in this Seminar.

3. Invited as Guest Lecturer / Subject Expert:

Mr. S. A. Salve, Assistant Professor and Head, Department of Mathematics invited as guest lecturer in Late Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science & Ashalata Gawande Commerce College, Sakharkherda, Dist. Buldana on 21st December 2021. He delivered lecture on 'Limit & Continuity'. He also invited as Resource Person in 'One Day Workshop on Research Methodology' held at Late Bhaskarrao Shingne Arts, Prof. Narayanrao Gawande Science & Ashalata Gawande Commerce College, Sakharkherda, Dist. Buldana on 23rd December 2021. He delivered lecture on 'Research Methodology'.

4. Research Activities:

Mr. S. A. Salve, Assistant Professor and Head, Department of Mathematics participated and presented 02 research papers in online National level conferences. He published 01 research paper in International Research Journal. Also, he actively participate in 04 National Workshop and 01 online Faculty Development Program.

5. Use of Modern ICT for Effective Teaching:

Faculty members used LCD Projector, Zoom App, Google Classroom for some important topics of syllabus. The use of LCD Projector makes effective teaching.

6. Organization of Seminar:

The faculty member demonstrates the required skill for presenting seminar for B. Sc. IInd and B. Sc. IIIrd year students presented online.

7. National Mathematics Day Celebration:

The Department of Mathematics, Shri Shivaji Science and Arts College, Chikhli has organized 134th Birth Anniversary of great mathematician Srinivasa Ramanujan on 22nd December 2021 as National Mathematics Day. Dr. V. U. Pochhi, Head, Dept. of Botany and Coordinator, IQAC was chief guest of the function. In his speech, he focused on importance of Mathematics in day-today life and he also told that how Ramanujan's life is motivated to all persons of the world. Dr. D. B. Bobade, Professor, Dept. of Electronics, Dr. M. T. Nikam, Professor & Head, Dept. of Zoology, Mrs. Y. T. Suradkar, Supervisor, Junior College were invited as guest for the program. Mr. S. A. Salve, Head, Department of Mathematics gave an introductory speech on purpose of program. Mrs. P. P. Vaidya, Junior College Teacher anchored the program. Mr. Pavankumar P. Bansode Junior College Teacher expressed vote of thanks. Around 96 students were attending the program. The main motive behind arranging program as follows.

Aim:

- 1) To recall the invention of Srinivasa Ramanujan made in the history of mathematics.
- 2) To make interest of students in this mathematics subject.
- 3) To encourage students for making creative in subject.
- 4) To encourage student to develop self-learning and rational skill.

Following activities are taken by department of mathematics in celebration of Birth Anniversary of great mathematician Srinivasa Ramanujan.

- 1) Speeches
- 2) Mathematical Poster competition
- 3) Mathematical Model Competition
- 4) Mathematical Rangoli competition
- 5) Mathematics quiz competition
- 6) Mathematical Drama

Firstly, College Student Mr. Harshal Gavhale, Mr. Sachin Suroshe, Mr. Amit Kause, Mr. Shoeb Khan Pathan, Miss Pradnya Pawar have participated in mathematical speeches. Mr. Shoeb Khan Pathan has delivered a power point presentation in the form of animated story which was written by Rutuja Mahajan on one of the concept of derivative. Mr. Amit Kause has act a role himself as a Srinivasa Ramanujan. Then the students Miss Renuka

Karwa, Miss Disha Solanki, Mr. Pranali Thorat, Mr. Samarth Lakde, Mr. Rohan Ingle represented a drama which tells the importance of mathematics in daily life under the guidance of Mr. Bansode sir.

After that there was an inauguration of auditorium hall by President Dr. Pochhi madam where was Poster competition & Rangoli competition held. About 33 students has presented poster related to Mathematics topic. This competition was judged by Dr. Bhoyar sir, Dr. Huse sir.

Prof. Sanjay A. Salve

Asst. Prof. & Head
Dept. of Mathematics

Some Program Moments



Mr. Sachin Suroshe (B.Sc. II Year student) giving Speech on Srinivasa Ramanujan



Felicitation of Professor Dr. D. B. Bobade Sir

Student actively Participation in Mathematical Poster, Mathematical Model & Mathematical Rangoli Competition

