Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College
Manchar, Tal. Ambegaon, Dist. Pune

Department of Mathematics

Report of Academic Year 2025–26

The Department of Mathematics conducted various academic and co-curricular activities during the first semester of the academic year 2025–26. The semester started with faculty attending professional development programs. **Mr. Bhalke S.B.** took part in a **Master Training Programme** on AI and Its Applications from **7th to 11th April 2025.** He also attended a **one-day workshop** on SYBSc NEP syllabus framing at SMBTE College, Sangamner on **22nd April 2025.** These programs helped improve teaching and curriculum planning.

Miss Thorat D.G. completed a **Faculty Development Program** on "From Fundamentals to Frontiers: A Deep Dive into AI and Its Societal Impact" from **28th July to 2nd August 2025.** She also gave a **guest lecture** on AI for B.Sc. and B.Com students on **14th August 2025,** helping students learn about Artificial Intelligence. During this semester, **Miss Thorat D.G. also qualified the SET exam conducted by Savitribai Phule Pune University,** marking an important academic achievement.

The college organized the **'Deeksharambha' Student Induction Programme** on **18th August 2025** to welcome and guide new students from F.Y.B.Sc.

The **AI Certificate Course** was inaugurated on **2nd September 2025,** with Mr. Bhalke S.B. as the coordinator and Miss Thorat D.G. as a committee member.

Students actively participated in competitions. The **Avishkar competition** was held on **12th September 2025,** with 2 F.Y. B.Sc. and 5 T.Y. B.Sc. students taking part. One T.Y. B.Sc. student, **Sagar Hulawale,** participated at university level.

On **1st October 2025, a wallpaper exhibition** was organized on the birth anniversary of Dr. Karmaveer Bhaurao Patil, with 4 T.Y. B.Sc. students participating.

The Department of Mathematics celebrated **National Mathematics Day on 22 December 2025** to honor the birth anniversary of the great mathematician Srinivasa Ramanujan. On this occasion, the department organized **MATHEXPO-2K25,** which included a Quiz Competition based on mathematical concepts, logical reasoning, and general mathematical awareness. A total of 38 students participated, forming 19 teams. The competition encouraged students to develop analytical thinking and teamwork. The winning teams were awarded a trophy and printed mugs as prizes. The event was conducted successfully with enthusiastic participation from students and faculty members.

The faculty members of the Department of Mathematics conducted **additional lectures** for students of 11th and 12th Commerce (English Medium). These lectures aimed to strengthen

students' understanding of mathematical concepts related to their syllabus and to provide extra academic support for better performance in examinations.

As part of academic support and student mentoring, faculty members visited the homes of students on 1 December and 3 December 2025. The purpose of these visits was to interact with students and their parents, understand academic difficulties, and motivate students to improve their learning and attendance.

From January 2026, the faculties started using **smart/digital boards** for teaching. This initiative helped make classroom teaching more interactive and effective by incorporating digital content, visual explanations, and better demonstration of mathematical concepts.

The department organized an **educational study tour** to the Konkan region on 24 and 25 February 2026. Students visited Pali, Diveagar, and Harihareshwar. The tour provided students with an opportunity to experience cultural and geographical aspects of the region, while also promoting group learning and social interaction among students and faculty members.

On the occasion of **National Science Day** (28 February 2026), the department organized **Vidnyan Mahotsav** to encourage scientific thinking among students. Various competitions were conducted, including Poster Presentation and Reels Competition. Students actively participated and presented creative ideas related to science and mathematics.

Overall, the Department of Mathematics successfully conducted these activities to promote academic excellence, creativity, and holistic development among students.

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