



Prahladrai Dalmia Lions College of Commerce & Economics

Sunder Nagar, S. V. Road, Malad (West), Mumbai – 400064.

ISO 9001:2015 Certified

Department of Mathematics and Statistics

Report 2024 - 25

The Department of Mathematics & Statistics was started during the inception of the Institution. The Department of Mathematics & Statistics worked diligently to give its best to the institute and students. The department members gave their whole hearted support in the different institutional associations and committees. The Department has dedicated and sincere faculty members. One faculty member is a doctorate holder and Ph.D. guide. The department is equipped with a computer lab with the latest required softwares and internet connection in order to conduct the practicals.

Mission

To create awareness about the fundamental concepts and competency by providing the essential knowledge and skills, so as to be able to become competent and successful in the chosen profession.

Vision

To facilitate the students to be academicians.

Goals

Our main objective of the Department is to impart quality education to our students with best available facilities. It is our greatest objective to obtain consistent and excellent results that would serve as our resume.

I take this opportunity to thank my members for their contribution to the smooth functioning of the department. The young members of the department gave their best to the departmental activities and fully cooperated with the work assigned to them.

The department introduces Commercial mathematics-I and II (VSC) as per NEP 2020 syllabus at FYBCom level. The department constantly makes efforts to help students academically. The department faces the challenge at both FYBCOM and TYBCOM levels in subjects of Mathematics and Computer Systems & Applications respectively during the online lectures of students. But the members of the department strive to make the subject achievable for students by using available LMS resources and taking revision lectures for FYBCOM and TYBCOM students.

Academic Activities:

- 1) The department conducted a practical examination of 25 marks as an internal assessment in the subject of Computer systems and Applications for TYBCOM students.

- 2) Dr. Jayprakash Yadav, Mr. Sandeep Gupta, Ms. Akshata Pawar and Ms. Savita Kuril took revision lectures for the students of FYBCOM.
- 3) Revision lectures for Semester V and VI were conducted for TYBCOM students in the subject of Computer Systems and Applications. The students were posted with notes and other instructional materials on their official WhatsApp groups.
- 5) The Department also conducts Bridge courses for the students of F.Y.B.Com. (Mathematics and Statistics) and T.Y.B.Com.(Computer systems & Applications).
- 6) The department continued to conduct sessions on T.Y.B.Com University Paper Pattern and Solution in the subject of Computer Systems and Applications.
- 7) The Department also conducted an Online Quiz Competition **“PDLC ITRIX 2024-25”** on the topic **“Recent Advances in Computers & Their Applications”** on Saturday 8th February, 2025 at 10:30 am. The total number of student participants in the quiz were 77.
- 8) The department also organize an online Mathematics Quiz Competition- Tricky Troupe:2024-25 on 21st February, 2025 at 10:30 am where 50 students participated in the quiz. winners of the quiz are Ms. Priyanka Manral of TYBCom D, Mr. Bhagirath Patel of TYBAF D and Mr. Samarjeet Kewat of SYBCom C. They stood 1st, 2nd and 3rd respectively.

Research and Extra-Curricular Activities:

The faculties are actively engaged in research activities. The department members are encouraged to attend National/International Conferences, workshops and seminars. They are also encouraged to publish research papers in peer reviewed National/International journals.

1. Dr. Jayprakash Yadav:

1. Participated in a two day workshop on the theme NEP 2020 on 1st and 2nd July, 2024 held at Chetana College of arts(Autonomous).
2. Successfully completed an orientation Programme on how to get ready for NAAC Binary Accreditation conducted by ARCNET India and Climbed Research solutions in October 2024.
3. Written a Text book Entitled Commercial mathematics for FYBCom(Semester 1) published by Sheth Publications in the Academic Year 2024-25.
4. Written a Text book Entitled Commercial mathematics for FYBCom(Semester 2) published by Sheth Publications in the Academic Year 2024-25.
5. Successfully Participated in an eight day Online FDP on Cross Cutting issues and sustainable development: New Avenues of Research and Research Methodology in Commerce,

Humanities and Science organized from 24th September to 1st October 2024 organized by Prahladrai Dalmia Lions College of Commerce and Economics & Rajmata Jijau Mahavidyalay, Kille Dharur, Dist. Beed in Collaboration with Research Foundation of India, New Delhi and National Institute of Foreign Trade, Mumbai.

6. Successfully participated in a 5 day Faculty Development Programme on “Advances in Graph Theory and Linear Algebra (AGTLA)” organized by the Department of Mathematics, School of Advanced sciences(SAS), VIT-AP University, India from 1st to 5th October 2024.
7. Invited as a moderator in the subject of Commercial Mathematics-I(VSC) & Logic and Data Interpretation(OE-II) for FYBCom Semester-I External Examination held in November, 2024 at Ghanshyamdas Saraf College of Arts & Commerce, Malad West, Mumbai-64.(7/12/2024)
8. Invited as a moderator in the subject of Mathematical & statistical Techniques-I for FYBCom Semester-II External Examination held in April, 2024 at Ghanshyamdas Saraf College of Arts & Commerce, Malad West, Mumbai-64.(22/04/2024)
9. Invited as a moderator in the subject of Mathematical & statistical Techniques-II for FYBCom Semester-II External Examination held in April, 2024 at Smt. K.G. Mittal College of Arts & Commerce, Malad West, Mumbai-64.(18/04/2024)
10. Invited as a moderator in the subject of Practical Statistics(VSC) for FYBCom Semester-I External Examination held in November, 2024 at Smt. K.G. Mittal College of Arts & Commerce, Malad West, Mumbai-64.(17/12/2024)
11. Invited as a moderator in the subject of Commercial Mathematics-I(VSC) for FYBCom Semester-I External Examination held in November, 2024 at Ghanshyamdas Saraf College of Arts & Commerce, Malad West, Mumbai-64.(17/12/2024)
12. Appointed as a Moderator in the subject of Computer Systems and Applications at TYBCom Semester V Examinations by Board of Examination, University of Mumbai, held in the month of October 2024.

Mr. Sandeep Gupta

1. Invited as a Moderator of TYBCOM SEM V Regular Exam in the subject of Computer Systems & Applications-I at Shri Chinai College of Commerce & Economics, Andheri (East), Mumbai 400069 on 26th November 2024.
2. Invited as a Revaluator of TYBCOM SEM VI A.T.K.T. Exam in the subject of Computer Systems & Applications-II at Shri Chinai College of Commerce & Economics, Andheri (East), Mumbai 400069 on 26th November 2024.
3. Invited as a Revaluator of TYBCOM SEM V Regular Exam in the subject of Computer Systems & Applications-I at Shri Chinai College of Commerce & Economics, Andheri (East), Mumbai 400069 on 16th January 2025.

4. Invited as a Moderator of FYBCOM (NEP) SEM I Regular Exam in the subject of Quantitative Techniques in Mathematics & Statistics at KES College, Kandivali (West), Mumbai 400067 on 9th December 2024.
5. Invited as a Moderator of SYBSC-DS (NEP) SEM III Regular Exam in the subject of Linear Algebra and Calculus at KES College, Kandivali (West), Mumbai 400067 on 9th December 2024.
6. Invited as a Moderator of TYBCOM SEM V Regular Exam in the subject of Computer Systems & Applications-I at Ghanshyamdas Jalan College of Science, Commerce & Arts, Malad (East), Mumbai 400097 on 25th November 2024.

Ms. Savita Kuril

1. Seven days online faculty development programme on “Research in humanities, Commerce & Management: Opportunities & Challenges organized under the aegis of IQAC of the Prahladrai Dalmia Lions College of Commerce and Economics in association with Institute of Advanced Studies in English, Pune & Research Foundation of India, from Dt. 13/02/2024 to Dt. 19/02/2024 and has secured A Grade.
2. Participated in Quiz of Eight Days Online FDP on Cross- Cutting Issues & Sustainable Development : New Avenues of Research and Research Methodology in Commerce, Humanities and Science organized from Dt. 24/9/2024 to Dt. 1/10/2024 by Prahladrai Dalmia Lions College of Commerce and Economics and scored 10 / 10.

2. Contribution to Eco-friendly Theme:

The department also took measures to cut on paper use by sharing soft copies of the tutorials and Lecture notes on Google Classroom.



Dr. Jayprakash Yadav
HOD, Mathematics & Statistics