



DEPARTMENT OF MATHEMATICS AND STATISTICS

The only way to learn mathematics is to do mathematics - Paul Halmos

The Department was started during the inception of the Institution. The Department has qualified, dedicated and sincere faculty members. One faculty member is a doctorate holder and Ph.D. guide and the other faculty members are pursuing their Ph.D. degree. The department is equipped with a computer lab with the latest required softwares and internet connection in order to conduct practical lectures.

Mission

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

Vision

To facilitate the students to be Entrepreneurs and Academicians.

Goals

Our main objective 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 for smooth functioning of the department during the covid-19 pandemic. The young members of the department gave their best to the departmental activities and fully cooperated with the work assigned to them.

The department constantly makes efforts to help students academically. The department faces the challenge at both F.Y.B.Com and T.Y.B.Com levels in the 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 online LMS resources and taking revision lectures for F.Y.B.Com and practical sessions for T.Y.B.Com students.

Departmental Activities:

- On 22nd, 23rd and 24th March, 2022 the department conducted a practical examination for internal assessment in the subject of Computer systems and Applications for T.Y.B.Com students.
- Dr. Jayprakash Yadav, Mr. Sandeep Gupta, Ms. Akshata Pawar, Ms. Harshada More and Mr. Aditya Mahyavanshi took revision lectures for the students of F.Y.B.Com.
- Revision lectures for Semester V and VI were held for T.Y.B.Com students for the subject of Computer Systems and Applications. The students were provided with notes and other instructional materials on their Google Classrooms.
- The department also conducted a Bridge course for the students of F.Y.B.Com. (Mathematics and Statistics) and T.Y.B.Com.(Computer systems and Applications)
- The department continued to conduct sessions to discuss T.Y.B.Com. University Paper Pattern and Solution for the subject of Computer Systems and Applications.
- On 7th, 8th and 9th April, 2022 the Department conducted an online Crash Course in the subject of Computer Systems & Applications for T.Y.B.Com. students.
- On Saturday 9th October, 2021, from 11.00 a.m. to 12.00 noon the Department in association with Pahal institute of design organized a webinar on "Career in Design, Fashion & Architecture".

- The webinar was about the different career prospects associated with Design, Fashion and Architecture at undergraduate and postgraduate level. The four speakers for the webinar included Mr. Abad Ali (Fashion Analyst), Ms. Anjali Bareria (Fashion Designer), Mr. Ankur Kaushik (Fashion Designer) and Mr. Abhishek Jaiswal (Industrial Designer, IIT Bombay).
paper use and displaying the tutorial sheets on notice boards as well as solving them on board in tutorial lectures.

Dr. Jayprakash Yadav:

- Published a research paper titled “A statistical study on the effect of Coach Leadership on the performance of sports students in colleges” in an International Research Journal of Management, Science & Technology with impact factor 7.2013, pp22-27, ISSN 2250-1959.
- Published a research paper titled “On Some Application of Bailey’s Transform in Generalized Basic Hypergeometric Transformations” in South East Asian J. of Mathematics and Mathematical Sciences Vol. 17, No. 2 (2021), pp. 75-82
Life Membership of Ramanujan Society of Mathematics and Mathematical Sciences.
- From 14th June to 19th June, 2021 participated in the short-term course on ‘Application of Statistics in Research’ conducted and organized by UGC-HRDC, University of Mumbai sponsored by RUSA.
- From 8th August to 14th August, 2021 participated in the short-term course on ‘Research Methodology’ conducted by UGC-HRDC, Goa University sponsored by RUSA.
- 29th September, 2021 participated in a one day Online workshop on ‘Critical Thinking in Research’ organized by Faculty Development Cell and IQAC of the Prahladrai Dalmia Lions College of Commerce & Economics, Malad West, Mumbai.
- On 18th June, 2021 participated in webinar on ‘Fractals and Their Applications in Science and Engineering’ organized by Department of Science and Humanities, Sai Ram Institutes of Technology, West Tambaram, Chennai-44.
- On 25th June 2021 participated in the one-day Webinar on “Applications of Finite Volume Method in Heat Transfer Problems” organized by the Department of Applied Mathematics, Sri Venkateshwara College of Engineering.
- From 8th June to 10th June, 2021 participated in Three days’ online National FDP on “ICT Tools for Effective Teaching & Learning” organized by Kamala Nehru Mahavidyalay, Nagpur, Maharashtra.
- From 12th June to 21st June, 2021 attended 10 Day online Yoga Workshop on “Boosting Immunity Among Youth Through Yoga” organized by B.K.Birla College of Arts, Science & Commerce(Autonomous), Kalyan in association with Kaiyalyadham Yoga Institute, Mumbai.
- On 21st June, 2021 participated in celebration of INTERNATIONAL YOGA DAY organized by extension units (DLLE, NSS, NCC), Students’ Council, Health Cell, Equal Opportunity Cell, Disaster Management Cell & Sports Department, Prahladrai Dalmia Lions College of Commerce & Economics, Malad West, Mumbai.
- On 24th July, 2021 participated in One Day Workshop on “An insight into Career Advancement Scheme(CAS) and its recent amendment in accordance with 7th Pay Commission” organized by FDP & IQAC of the Prahladrai Dalmia Lions College of Commerce & Economics, Malad West, Mumbai.
- From 5th July to 9th July, 2021 participated in the Five Days e-Workshop on LaTeX, organized by the Department of Mathematics, School of Science, GITAM, Bengaluru, India, held.
From 2nd October to 4th October, 2021 participated in the “National Webinar on ‘Algebraic Graph Theory’” organized by the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon.

- On 5th June, 2021 attended an Expert Talk on “Cyber Security in the Era of Digital Transformation” held organized by the Department of Computer Applications, Gujranwala Guru Nanak Institute of Management & Technology, Ghumar Mandi,
- On 30th September and 1st October, 2021 attended the GUJCOST(DST, Govt. of Gujarat) sponsored International Symposium on “Recent Advances in Fractional Calculus” organized by Department of Mathematical Sciences, P. D. Patel Institute of Applied Sciences (PDPIAS), Charotar University of Science and Technology (CHARUSAT), Changa (388 421), Gujarat, India.

Mr. Sandeep Gupta

- On 3rd March, 2022 attended a National Webinar on “Navigating Intellectual Property Rights” organized by department of Business Law, Prahladrai Dalmia Lions College of Commerce and Economics.

Ms. Akshata Pawar :

- On 16th December, 2021 attended an online workshop series on "Drafting, Mapping and Attainment of Outcomes" topic - Calculating the Attainment level of P organized by Prahladrai Dalmia Lions College of Commerce and Economics.

Ms. Harshada More:

- On 16th December, 2021 attended an online workshop series on "Drafting, Mapping and Attainment of Outcomes" topic - Calculating the Attainment level of P organized by Prahladrai Dalmia Lions College of Commerce and Economics.
Attended a Webinar on "Rights under Indian constitution" organized by Department of Law, Prahladrai Dalmia Lions College of Commerce and Economics.

Mr. Aditya Mahyavanshi:

- On 21st October, 2021 participated in a workshop series on “Using Bloom's Taxonomy to Draft Programme outcomes and Course Outcomes” organized by IQAC, Prahladrai Dalmia Lions College of Commerce and Economics.
On 16th December, 2021 attended an online workshop series on "Drafting, Mapping and Attainment of Outcomes" topic - Calculating the Attainment level of P organized by Prahladrai Dalmia Lions College of Commerce and Economics.



Dr. Jayprakash Yadav
HOD

Prahladrai Dalmia Lions College of
Commerce & Economics