



Department of Mathematics and Statistics

"Math is like a problem in our life; think it;
before you solve it!"

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

Mission

To create the 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 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. 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 FYBCOM and TYBCOM levels in subjects of Mathematics and Computer Systems & Applications respectively with regards to imbalance of subject knowledge of students. But the members of the department strive to make the subject achievable for students by taking revision lectures and hands-on practical sessions for FYBCOM and TYBCOM students respectively.

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 on 17th, 18th and 22nd February, 2020.
- 2) Dr. Jayprakash Yadav, Mr. Sandeep Gupta, Ms. Akshata Pawar, and Ms. Harshada More took remedial lectures for ATKT students of FYBCOM.
- 3) Principal & Head Dr. N. N. Pandey inspired department members to carry on with remedial lectures for the students' benefit.
- 4) Revision lectures for Semester V and VI were held for TYBCOM students in the subject of Computer Systems and Applications. The students were posted with notes and other instructions on Yahoo group.

- 5) The Department also conducts a Bridge course for the students of F.Y.B.Com. (Mathematics and Statistics) and T.Y.B.Com. (Computer systems and Applications)
- 6) The department continued to conduct a Crash-Course in the subject of Computer Systems and Applications and T.Y.B.Com University Paper Pattern and Solution.
- 7) The department also organizes a guest lecture on the topic "BlockChain-A Glimpse into the Future Tech" on 25th January, 2020 at 10.00 a.m. in the Computer Lab (Fourth floor).



Felicitation of the Guest



Presentation by the Guest

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.

Dr. N.N. Pandey:

- In July, 2019, Dr. N.N. Pandey visited Gujarat as a member of NAAC peer team to assess one of the government aided college.
- On 15th August, 2019 The Indian tricolour was unfurled on the occasion of the Independence Day celebration – Azaadi at the hands of Lion CA Vijyatta Jaiswal President of Lions Club of Malad-Borivali and Principal Dr. N.N. Pandey.
- On 1st August, 2019 Dr. N. N. Pandey, Principal was appointed as member of the Scrutiny Committee of the University of Mumbai constituted to scrutinise the proposals received for Opening new colleges for Arts, Commerce, Science, Technology, Law and professional courses, etc.
- In November, 2019, Dr. N. N. Pandey chaired the session of Research Paper Presentation in an International Conference organized by VBS Purvanchal University, Jaunpur, Uttar Pradesh.
- On 2nd January, 2020 Dr. N. N. Pandey was appointed by the University of Mumbai as a Chairperson of the member of the Expert committee Visit to the Proposal received for Extension for New Courses (UG & PG) at Late Nanasaheb Kunte Educational Complex Smt. Indirabai G. Kulkarni Arts College, J.B. Sawant Science college and Sau. Jankibai Dhondo Kunte Commerce College, Alibag.
- On 8th January, 2020 Dr. N. N. Pandey was appointed by the University of Mumbai as a Chairperson of the member of the Expert committee visit to scrutinise the Proposal received for Extension for New Courses (UG & PG) at R. R. International Junior & Senior College for Sci. & Commerce, Borivali and Sadhana Society L. S. Raheja College of Arts & Commerce, Santacruz.
- On 18th January, 2020 Dr. N. N. Pandey was appointed by the University of Mumbai as a Chairperson on the committee to make a Local Inquiry for Permanent Affiliation for B.A., B.Com, B.Com (FINANCIAL MARKETS) and B.M.S. of Shurparaka Educational & Medical Trust, M.B. Harris College of Arts & A. E. Kaleskar College of Commerce & Management, Nalasopara, Palghar for the academic year 2019-20.

- On 18th January, 2020 He was also appointed by the University of Mumbai as a member of the Expert committee visit to scrutinise the Proposal received for Extension for New Courses (UG & PG) at Zagdusingh Charitable Trusts Thakur College of Science, Kandivali.
- On 29th January, 2020 Dr. N. N. Pandey was appointed by the University of Mumbai as a convenor of the member of the Expert committee to visit Pillais HOC College at Rasayani to scrutinise the Proposal received for Extension for New Courses (UG & PG).
- In January, 2020, Dr. N.N. Pandey visited Karnataka as a member of NAAC peer team to assess one of the government aided college.
- On 12th and 13th March, 2020 Dr. N. N. Pandey attended senate meeting to finalize the budget of University of Mumbai and other policies related to the colleges.
- Dr. N. N. Pandey appointed as a V.C. nominee for selecting the Principals of the various colleges affiliated to the University of Mumbai.

Dr. Jayprakash Yadav:

- On 5th July, 2019 had worked as Revaluator in the subject of Computer systems and Applications (SEM VI) in Niranjana Majithia College, Kandivali (W), Mumbai -67.
- On 30th July, 2019 Worked as Revaluator in the subject of Mathematical & Statistical Techniques-II (SEM II) of F.Y.B.Com at Guru Nanak Khalsa College of Arts, Science and Commerce, Matunga, Mumbai-19
- On 30th July, 2019 Worked as Revaluator in the subject of Mathematics Paper I, II, III at semester II and III of F.Y./S.Y.B.Sc at Guru Nanak Khalsa College of Arts, Science and Commerce, Matunga, Mumbai-19
- On 23rd August, 2019 Attended a workshop on “Learning through Cyberspace” organized by Faculty Development Cell at Prahladrai Dalmia Lions College, Mumbai.
- On 27th August, 2019 Attended a workshop on “An Insight into Career Advancement Scheme (CAS) & Its Recent Amendment” organized by Faculty Development Cell and IQAC at Prahladrai Dalmia Lions College, Mumbai.
- On 21st December, 2019 Worked as Revaluator in the subject of Mathematical & Statistical Techniques-I (SEM I) of F.Y.B.Com at KES College, Kandivali (West), Mumbai-67.
- On 17th January, 2020 Attended a guest lecture on “Developing Entrepreneurial Skills through innovative Ideas” organized by Incubation Cell at Prahladrai Dalmia Lions College, Mumbai.
- On 25th January, 2020 Attended a guest lecture on “Block Chain: A Glimpse in to the Future Tech” organized by Department of Mathematics and Statistics at Prahladrai Dalmia Lions College, Mumbai.
- Life Membership of Ramanujan Society of Mathematics and Mathematical Sciences.
- Published a research paper entitled “Certain Continued Fractions Involving Generalized Lambert Series” in an International journal ‘International Journal of Advanced and Innovative research’ with impact factor 3.117, ISSN 2278-7844.
- Published a research paper entitled “On Certain Transformation Formula of q-Series and q-Continued Fractions” in an ‘International Journal of Mathematics Trends and Technology’ with impact factor 2.53, ISSN. 2231-5373.

Prof. Sandeep Gupta

- Attended first day of International Conference on Climate Crisis: Action for Tropical Coastal Cities at The Taj. Discussed our college flagship project of Sustainable Agriculture and Disaster Management Relief Project conducted at Patharpunj, Satara and Tiware Dam with delegates from California, USA as well as Consultant of Ministry of Environment, Government of Maharashtra. The efforts of our college in this regard was appreciated by delegates of different countries as well the top officials from Government of Maharashtra and from BMC.

- Awarded certificate of achievement for the successful completion of The Fundamentals of Digital Marketing certification exam from Google EMEA and IAB Europe
- On 24th April, 2020 Participated in Covid-19 Quiz cum Awareness Drive held organized by Department of Lifelong Learning & Extension of Lala Lajpatrai College of Commerce & Economics.
- Participated in online quiz for social awareness about COVID-19. The quiz competition theme was “COVID-19: AWARENESS CAMPAIGN”, organized by J. K. College of Science & Commerce, Ghansoli for spreading awareness about CORONAVIRUS (COVID-19).
- From 25th April, 2020 to 30th April, 2020 Participated in online course on PHP & MySQL and successfully completed all Assignments organised by IQAC & SELF FINANCED COURSES in association with SPOKEN TUTORIAL, IIT BOMBAY from Prahladrai Dalmia Lions College of Commerce & Economics Malad West, Mumbai – 400064.
- Participated in Online National Level Quiz on ‘Impact of COVID – 19 on Indian Economy’ from Padmashri Annasaheb Jadhav Bharatiya Samaj Unnati Mandal’s , B. N. N. College, Bhiwandi organised by The IQAC and The Department of Commerce & Accountancy
- On 2nd May, 2020 Participated in International Conference [Webinar] on “BHAVISHYA OF INDIA AFTER COVID-19” held by Thakur College of Science and Commerce, Kandivali East, Mumbai 400101.
- Participated and taken a pledge to stay at Home save Lives organised by BAF department of Thakur College of Science and Commerce, Kandivali East, Mumbai 400101.
- Attended a LAW Quiz organised by IQAC and secured 65% marks from The South Indian Association’s The SIA College of Higher Education.
- On 4th May, 2020 Attended the Webinar on How to Use Turnitin Software for your Research “Turnitin Online on Campus” Held by SGPC’s Guru Nanak Institute of Management Studies.
- Attended a National Webinar on “Cyber Security in Coronavirus Era: Prevention and Protection” Organized by C T Bora College (Arts, Commerce & Science), Shirur, Dist. - Pune in Association with Mograsys Technologies Pvt Ltd, Dubai (office).
- Pledged and performed excellent in online quiz on “AWARENESS ON COVID - 19 & ITS IMPACT ON GLOBAL ECONOMY” Organised by DEPARTMENT OF BUSINESS ECONOMICS from Vinayak Vaze College of Arts, Science and Commerce, Mulund East, Mumbai 400081.
- Attended an online webinar on “Role of Teachers in Teaching, Learning and Curriculum Enrichment with Modern Technology from Maharashtra’s Union of Secular Teachers, Vartak Nagar, Thane West 400606.
- Attended a Webinar titled “MACHINE LEARNING” conducted from 14th to 16th May, 2020 of 6 hours duration, from Malad Kandivali Education Society’s Nagindas Khandwala College of Commerce, Arts & Management Studies and Shantaben Nagindas Khandwala College of Science in association with SQUAD InfoTech.

Contribution to Eco-friendly Theme:

The department also took measures to cut on paper use by displaying the tutorial sheets on notice board as well as solving them on board in tutorial lectures.



Dr. N. N. Pandey
Principal, Senate Member & Head,
Department of Mathematics and
Statistics