

## Department of Mathematics and Statistics

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 revision lectures and hands on practical sessions for FYBCOM and TYBCOM students respectively.

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

### Academic Activities:

1) As our practice, the department conducted Preliminary examination of 75 marks for TYBCOM students to provide them with practice for Semester V and Semester VI University examinations. Semester V and VI mock preliminary examinations were conducted for TYBCOM students for practice purpose.

### 2) Revision lectures and extra lectures:

Ms. S. A. Mandavawalla, Mr. Sandeep Gupta, Ms. Akshata Pawar, Ms. Divya Waghela and Ms. Harshada More took remedial lectures for the students of FYBCOM. Principal & Head Dr. N. N. Pandey inspired department members to carry on with remedial lectures for the students' benefit. Revision lectures for Semester V and VI were held for TYBCOM students in subject of Computer Systems and Applications. The students were posted with notes and other instructions on Yahoo group.

### Congratulations!

- Principal Dr. N. N. Pandey unanimously appointed as Senate Member, University of Mumbai.
- Principal Dr. N. N. Pandey appointed as Member of Board of Studies in the subject of Statistics, University of Mumbai.

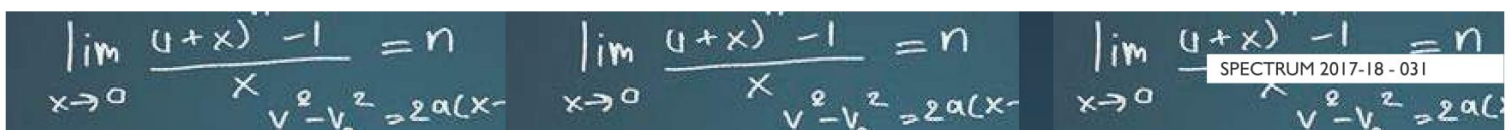
### Faculty Pursuits:

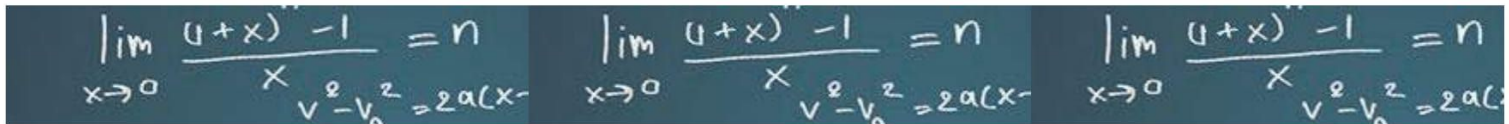
#### Principal Dr. N. N. Pandey

- Associate Editor & Reviewer of an International journal entitled "South East Asian Journal of Mathematics & Mathematical Science"
- Invited as Guest of honour & keynote speaker in National conference on "Indian university Education System" organized by V B S Purvanchal University, Jaunpur (U.P.). Dr. N. N. Pandey was felicitated by the Governor and Chancellor Honorable Shri Ram Naik.
- Participated in 1 day workshop on "Proposed revised Accreditation Frame work of NAAC" at R.D. National college
- Appointed as V. C. nominee for selection committee for making recommend to Governing body for post of Principal at Anna Leela college of Commerce & Economics & Shobha Jayaram Shetty college for BMS, Kurla (E)
- Appointed as member of CAP monitoring committee of University of Mumbai
- Invited as Chief Guest at Annual day function arranged by D. G. Khetan International School & K. Gadia Junior college.
- Invited as Chief Guest at one day workshop on "College Administration issues & challenges" organized by Niranjana Majithia college of commerce on 27th March, 2018.
- Attended Senate meeting on at convocation Hall, Fort on 30th & 31st March, 2018.
- Principal Dr. N. N. Pandey was invited on 29th June, 2017 as the Vice Chancellor's Nominee, as Subject Expert in Mathematics, on the Selection Committee for making recommendations to the Governing Body of our College for promotion of Assistant Professor from Stage- 1 Assistant Professor to Stage 2 and Stage 2 Assistant Professor to Stage 3.

#### Ms. S. A. Mandavawalla

- Delivered special lecture to TYBCOM students in the subject of Computer Systems and Applications in the college auditorium from 19/03/2018 to 28/03/2018.
- Was invited on 30th March, 2018 to deliver special lecture to TYBCOM students in the subject of Computer Systems and Applications in J. M. Patel College at Goregaon (West).





**Dr. Jayprakash Yadav**

- Published a research paper entitled "On certain continued fractions involving two basic hypergeometric series" in IOSR Journal of Mathematics Vol.23, Issue3, Ver.4 May.-Jun.2017.
- Published a research paper entitled 'Q-Meixners polynomial and Continued fractions' in an International journal Genius ISSN-2279-0489, Vol. VI, Issue-I,Part-I, August-2018.
- Participated and presented a research paper entitled 'Q-Mpolynomial and Continued fractions' at the international conference on 27th Jan, 2018 at M. B. Harris College of arts and A. E. Kalsekar College of Commerce and Management, Nallasopara.
- Successfully completed UGC-HRD sponsored refresher course in Computer Application (Interdisciplinary), 9th March - 29th March, 2018 at HRD Center, Allahabad University.
- Published a research paper entitled 'Certain Transformation formulas for Basic Hypergeometric Series' in South East Asian Journal of mathematics and Mathematical Sciences, ISSN No. 0972-7752.

**Mr. Sandeep Gupta**

- Participated in Faculty Career Advancement Workshop on "Norms for Appointment for the Post of Asst. Professor, Assoc. Professor & Professor in college & University" held on 3rd May 2017 at RSET's Deviprasad Goenka Management College of Media Studies.
- Invited as Revaluator in the subject of Numerical & Statistical Analysis, F.Y. B.Sc.IT Semester II at Valia College, Andheri (W), Mumbai 400 053.
- Invited for conducting Expert Lecture in FYBCOM for the subject of Mathematical & Statistical Techniques on 11th Oct, 2017 at G. D. Jalan College, Malad (E), Mumbai.
- Invited for conducting Expert Lecture in TYBCOM for the subject of Computer Systems & Applications on 11th Oct, 2017 at G. D. Jalan College, Malad (E), Mumbai.
- Invited for conducting Expert Lecture in FYBCOM for the subject of Mathematical & Statistical Techniques on 13th Oct, 2017 at Niranjana Majathia College of Commerce, Kandivali (W), Mumbai.
- Participated in National Seminar on Revised Accreditation Fraework by NAAC at Prahladrai Dalmia Lions College of Commerce & Economics on 17th Feb, 2018.
- Presented a paper entitled "Youtube - a tool for ICT in education" in National Conference on ICT for Economic & Prosperity at Prahladrai Dalmia Lions College of Commerce & Economics on 3rd March, 2018.
- Participated in National One Day Workshop on "College Administration : Issues & Challenges" at Niranjana Majathia College of Commerce, Kandivali (W), Mumbai.

**Innovation:**

The department continued with an innovative practice under the theme 'Uniformity'. This practice was adopted to track the teaching plan prepared at the start of the academic year. With the semester system in place, the teaching days are not enough to include revision and paper solution. Hence to ensure the syllabus is complete in time with the provision for revision this practice was planned and executed throughout the academic year. The purpose of this following this practice was also to ensure that all members in the department follow a uniform pattern of solving examples of various difficulty levels. The process of uniformity is yet to evolve to conclusive outcome, yet this exercise helped in tracking the teaching plan. Contribution to eco-friendly theme – less paper use.

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**  
Head of the Department



*Bidding Adieu to  
Prof. Swati Mandavawalla  
on the occasion of  
her Superannuation*

