

**Department of Mathematics & Statistics**  
**Activities of the year 2020-2021**

**I Extension, Co-curricular & Field based Activities**

- Mrs. Mendes organised a One-day workshop on **Math – Websites** for the students of FYBSc Mathematics held at the Computer Lab, Sophia College in December, 2020.
- A. The department conducted the following talks:
  - Presentation on *Internship at RBI* by Sanika Dikshit Stats 2016-17 on Friday November 6, 2020 at 12.00 pm
  - Presentation on *Statistical Software used in Banking and Insurance* by Harshada Shringapure Deputy Vice President, Actuarial, Kotak Mahindra on Friday, November 20, 2020
  - Presentation on the *Ram Nagar Drought Relief Camp* – The information involved by Radhika Nabar and Nishta Sinha on March 6, 2021 to the students of FYBA and FYBSc.
- B. EXSP Presentation: Was a Guide for the EXSP Literature Survey on *Applications of Complex Number Systems in Quantum Mechanics* by Marianne D'Silva (TYBSC – Life Sciences). She presented her paper in December 2020.
- C. **CERTIFICATE COURSE:**  
**Quantitative Techniques Using PYTHON**  
A Certificate course (one credit) on Quantitative Techniques Using PYTHON was conducted for students of SYBA and TYBA for academic year 2019-20. The course was of 11 sessions, each session of three hours along with assignments conducted in Computer Lab 4, first floor, Sophia College-Autonomous. Eight students had registered for the course. The course was organized by Ms Vidya Konar. The session was conducted by Mr. Gaurishankar Singh, Department of IT, Sophia College Autonomous.

**II] Contribution to Department and college administration/activities:**

Mrs. S Mendes:

- Head, Department of Mathematics & Statistics
- Member EXSP panel
- Member of Time table Committee (Science)
- Member of Admission Committee (Science)
- Member of Examination Committee (Arts)
- Member of Attendance Committee (Arts)
- Junior Supervisor for the College Examinations Theory

Ms. V Konar

- Member of Attendance Committee (Arts)
- Member of Admission Committee (Arts)
- Member of Examination Committee (Arts)
- Member of Remedial Teaching Committee (Arts)

