

# Information Technology, Data Science and Computer Science

## Department Profile:

### The department runs following Programs

B.Sc. Information Technology started in year 2001 & B.Sc. Computer Science started in year 2002. We have started course with one division permission from University of Mumbai and later on with demand in course; division has been increased from 1 to 2 with students intake capacity 120 at present.

By observing the demand of Data Science in IT industry, in year 2022 we have started B.Sc. Data Science with the capacity of 60 students.

We offer Post Graduation in Computer Science and Information Technology with 20-intake capacity for each stream that is an added advantage for our students as well nearby college students.

Name of the Programs	Year of Establishment
Bachelor of Science in Information Technology (B.Sc.- IT)	2001-2002
Bachelor of Science in Computer Science (B.Sc.- CS)	2002-2003
Master of Science in Information Technology (M.Sc.- IT)	2015-2016
Master of Science in Computer Science (M.Sc.- CS)	2021-2022
Bachelor of Science in Data Science (B.Sc.- DS)	2022-23

At present 700 students are enrolled in the department for various programs.

There are 17 well qualified and experienced teachers are working in the Department. Many of them are working as Board of studies members, Paper setters, Moderators & Examiners in University of Mumbai as well as in various autonomous colleges & deemed Universities.

We are having internal committee to take care of students need in terms of scholarship, attendance, parents meet, placement, seminar & workshops.

To introduce new fields and carrier opportunities in IT Industry, we organize Industry expert's guest lectures and Alumni Talk.

Every year department conducts value-aided courses and certificate courses in current technologies to increase their employability. Few of the certificate courses conducted by the department are Python Framework, Docker, Frontend Developer, Backend Developer, Cloud Computing etc.

We are working hard towards better results and subsequent placement of all final year students.

Department has active placement committee, which conducts various workshops on soft skill development, Resume writing. We organize mock drives for group discussion, technical rounds to train students for interviews.

Department has MOU with ANUDEEP FOUNDATION, TNS FOUNDATION, IAHV (International Association of Human Values) & Excel –R for different technical training programs.

Every Year students are placed in various SME's as well as in MNC's like Accenture, TCS, Excel-R etc.

Department organizes Study visits to organization such as L&T, Powai, Excel-R, and Bombay Stock Exchange.

## Achievements

In 17<sup>th</sup> Avishkar Research Convention AY 2022-23 27 students participated from the department. Out of 9 projects, Advance Home Automation project was selected for Final Round. , It was led by Mr. Ansari Akhtar Raza from T.Y. B.Sc. (IT)

Every year our students are participating in various Inter-Collegiate Tech Fest competitions

Ansari Akhtar Raza Won 1<sup>st</sup> Rank in two Inter-Collegiate Tech Fest competition of NKT College & R.D.National College.

- Mr. Manojkumar Yadav is part of Syllabus suggesting committee for TYB.Sc. (CS)
- Mrs. Archana Jadhav was appointed on Exam Pannel of Pillai College of Arts Commerce and Science (Autonomous) HSNC University, Churchgate, Mumbai.
- Mr. Manojkumar Yadav is on Board of Pannel of Mithibai college Vileparle, Mumbai.
- Curricular and Co-Curricular Activities:
- Two 35 hours certificate course were conducted on Front End Development & Back End Development in collaboration with SkillSavvy India.
- Internship were offered to 18 students of M.Sc. CS part II.
- Grooming Sessions for GD & HR Rounds and technical rounds were taken for all TY students.

- TNS India Foundation and IAHV took soft Skill Development Workshops for all TY students.
- TechAge 2k22 was conducted on 16<sup>th</sup> Dec 2022 in which 9 competition was held and 90 students participated.
- Study tour was taken to “Bombay Stock Exchange”(BSE) on 12<sup>th</sup> Jan 2023 in which 82 students participated
- Study tour was taken to “Indian Institute of Geomagnetism” on 28<sup>th</sup> Feb 2023 in which 55 students participated.
- City visit was organized on 8<sup>th</sup> March 2023 in which 14 students participated.

## Placements Details:

Sr.No.	Company Name	No. of Students
1	Sutherland	13
2	Accenture	02
3	Deloitte	02
4	Excel-R	03

## Internship Details:

Sr.No.	Company Name	No. of Students
1	Nexnova	06
2	Yhills Pvt. LTD.	08
3	Genirex	02
4	Oryx Technologies	02

## Seminars & Guest Lectures:

Topic	Organized By
Dot Net Technology Seminar	Seed Infotech, Ghatkopar, Mumbai
Intellectual Property Rights Seminar	Examiner of Patents & Designs Member, IPR News Letter, DPIIT, Ministry of Commerce & Industry
Application of Data Science	IT,CS and Data science Department Dr. Raghavan

## Future Plan:

- We are planning to have Exam Centre various certificate courses in Cyber Security conducted by EC Council & CompTIA, an internationally recognized Authority.
- We are planning to start with Linux Administration Certificate Courses by RED HAT.
- We are planning to conduct Microsoft & IBM Certification Programs to increase the employability.
- We are planning to have collaboration with new startups for internship and placement, startups of our alumni students.
- To organize few more study visits in reputed organization such as L&T, Excel R
- Every year we do plan MoU with organizations such as TNS India Foundation, Anudip Foundation for updated technology courses offered to students with concessional fee.
- To improve result, we are planning to implement CIE more effectively by increasing number of internal test.