

DEPARTMENT OF STATISTICS

M. Sc. Statistics



Placement Brochure
2020-2022

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Vision

To be recognized as a premium institute with highly innovative techniques to impart quality education with a seamless balance of Academics, Industry Oriented Training and Research.

Mission

To be a Center of Excellence in the domain of Pure and Applied Science by providing quality education and research.

To provide unique learning methodology which will prioritize academic excellence and industry-oriented training.

To generate greater need for flexibility in scientific thought as well as training individuals on an interdisciplinary plane.

WHY US?



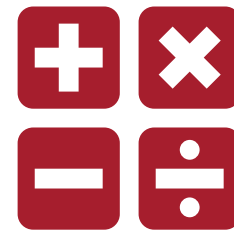
The basic approach is to combine the understanding of theory with practical application.



Generate a pool of highly qualified students with good interpersonal skills and a scientific bent of mind.



Use of online platform such as Coursera to hone the skills of R, Python, SAS, Tableau.



Mathematical understanding of statistical concepts along with rigorous knowledge of software.



Frequent projects every semester to have pace with the essential requirements to fulfil the demands of the industry.

01
STEP

Entry into NMIMS

- Statistics Graduates with Distinction
- Aptitude Test Results
- Interview Performance

02
STEP

Meticulous Curriculum

- Theoretical and Practical learning
- Exposure to multiple softwares
- Continuous assessments
- Guidance from industry professionals

03
STEP

Industry Exposure

- Case studies and Projects
- Application of 6 sigma
- Two months summer internship
- Four months winter project

04
STEP

Final Placements

- Practical experience from internships
- Employability Skills
- Students are ready for placements

1

- Distribution theory
- Probability theory
- Real analysis & linear algebra
- Sampling theory & applications
- Estimation theory

Microsoft Excel
R studio

**Soft
Skills**

2

- Linear Models
- Testing of Hypothesis
- Stochastic Process
- Regression Analysis

SAS Studio
Python

**Business Statistics
and Project
Management (BSPM)**

3

- Applied Multivariate Analysis
- Design & Analysis of Experiment
- Time Series Analysis
- Predictive Modelling
- Stochastic Finance
- Statistical Quality Control

Machine Learning
SAS Enterprise Guide

**Employability
Skills**

The Analytics Cell, a student-run initiative of the School of Science, started off the year with workshops in Excel and R, tending to the practical needs of students and rendering them job-ready. Students were trained in everyday useful applications of Excel and R, and they then disseminated the knowledge among their fellow students in the form of weekly sessions.

The Literary & Content Club worked on the annual magazine, Inspiria. They also release newsletters every month, highlighting the use of data science in different fields, with particular themes every month.

The Hackathon and Marketing teams, along with the President and the Vice President of the Analytics Cell, worked tirelessly to conduct the first ever virtual hackathon, DigiHack, in January 2021. A very successful event, it highly helped students catalyze the development of their concepts.



GUEST LECTURES



Gaurav Sundararaman

Senior Data Analyst,
ESPN CRIC INFO



Mahesh Amdekar

GM Market Research and Strategy at
Glenmark Pharmaceuticals



CG Venkatesh

Senior Manager: Global Head Data
Science & Cognitive Practice at Larsen
& Toubro Infotech.



Rutuja Udyawar

CEO & Founder - Optimum Data Analytics
Digital Transformation Partner for Enterprises
~ A Data Science and AI Company



Mr. Vinayak Deshpande

CMD, Sankhya Analytical Research Pvt Ltd,
Partner Sankhya Analytics London Director
Medicounts Life Sciences Pvt Ltd



Richa Agarwal

Senior Manager- Analytics Delivery,
Tredence Inc.

EXCALIBUR 2019

Excalibur 2019 hosted by The Student Council is a unique platform for the students to showcase their talents in Singing, Dancing, Instrumental Music, Stand-up Comedy and much more.



In order to celebrate the Birth Centenary of Celebrated Mathematician and Statistician, Professor Calyampudi Radhakrishna Rao, the Department of Statistics, SDSOS, Mumbai hosted a University-wide event that began on August 17, 2020 and came to its fruitful conclusion at 5:00 p.m.

The pre-event comprised of the following competitions



Quiz



Poem



Seminar



Portrait



**"Through the many concepts we ponder
in our lessons; And theorems that bear
your name, We can barely fathom your
brilliance, Your devotion to detail."**

By: Shaun Fernandes

GUEST LECTURERS



Dr. Y.S.S. YADAVALLI



Dr. K.S.M. RAO



Dr. NAGARAJ NEERCHAL

PROJECT SPONSORS



Amazon



Neural Tech Soft



Vtion



Munich RE



Ernst & Young



**TATA Consultancy
Services**



HDFC Bank



SAPIO



Nielsen Holdings



IDFC First Bank



Mahindra

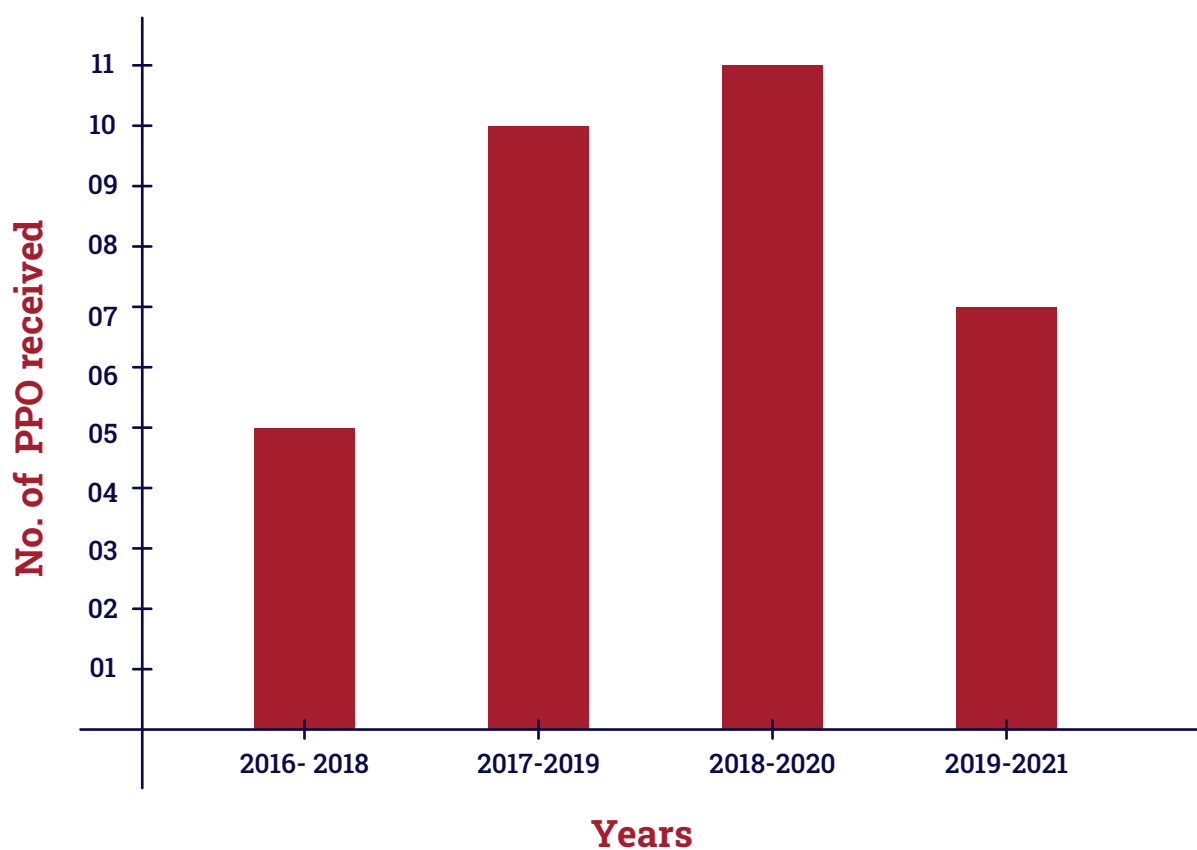
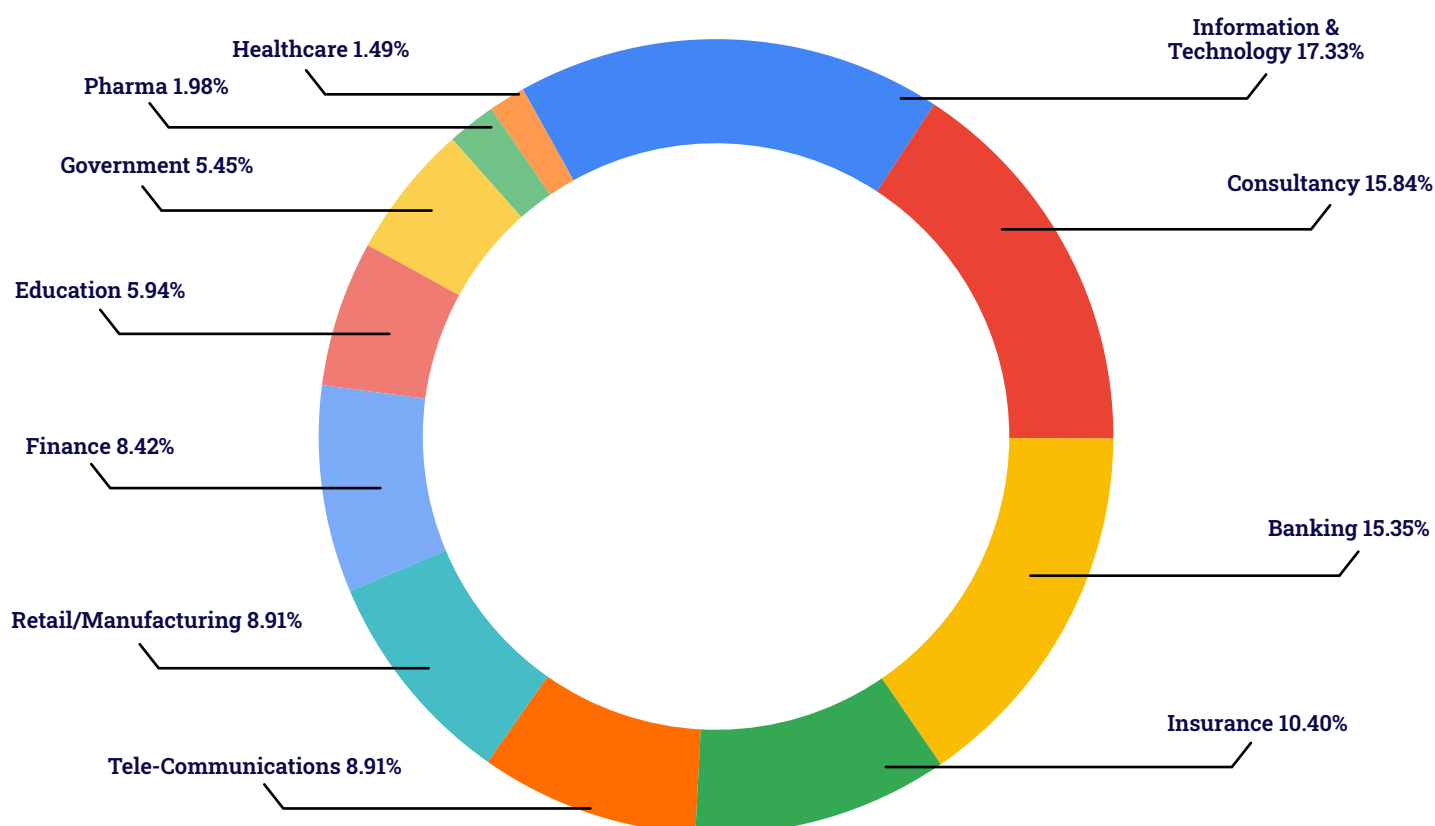


**Kotak Mahindra
Bank**



- NeuralTechSoft
- WiDS Pune
- Sapio Analytics
- Worley
- Doctor Alliance
(Phoenix Compliance)
- Future Generali
- Myriad Analytics
- Nielsen
- Technolabs
- IDFC First Bank
- Nanavati Hospital
(Health Care)
- Axion Connect Infosolutions
- Sarvani
- Grow Us Digital
- Axis Bank
- Sportz Interactive
- InstaDataHelp Analytics
- Ultra Tech

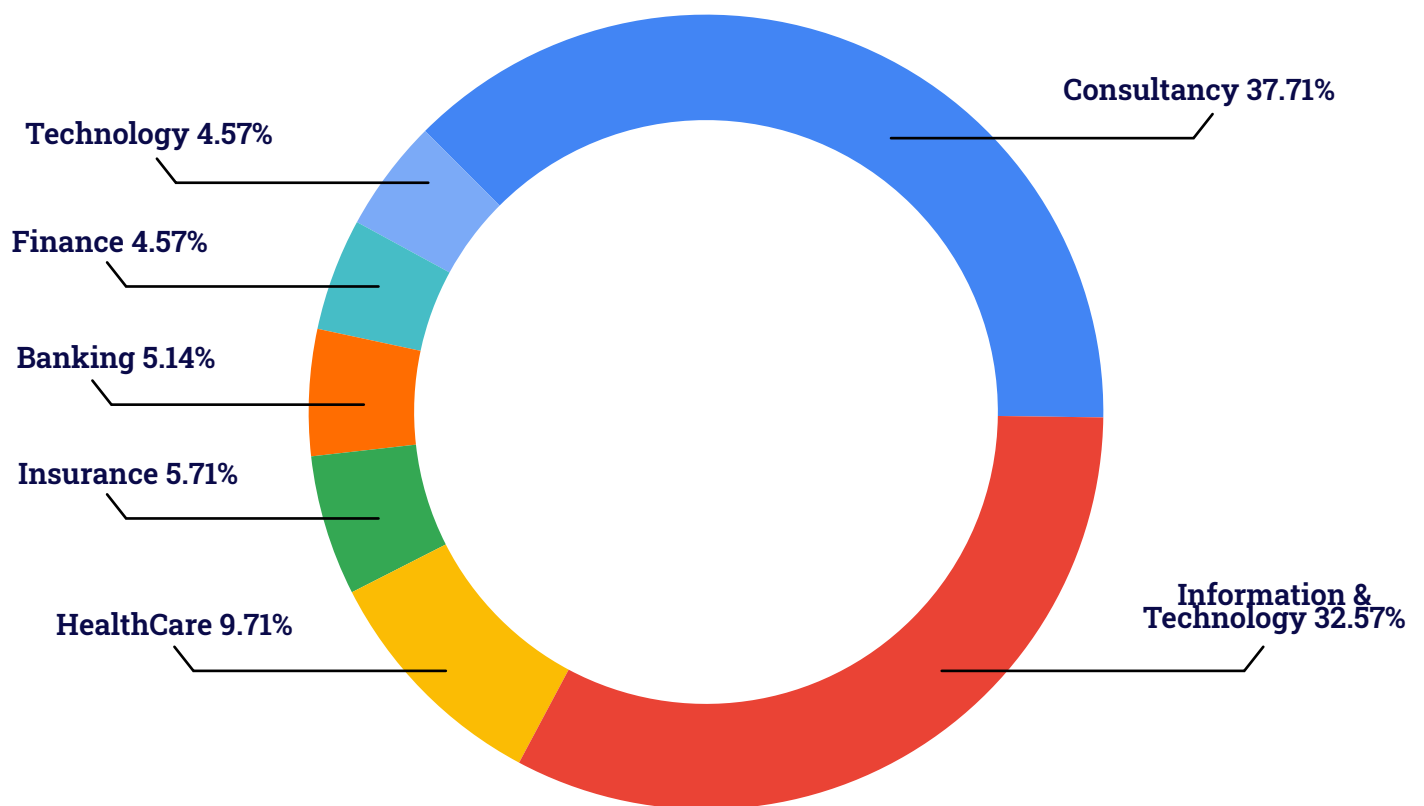
WINTER PROJECTS



WINTER PROJECTS

- Amazon
- Associated Capsules Group
- Axis Bank
- Board Infinity
- Ceat Tyres
- ConnectQ
- Course 5 Intelligence
- CRG Solutions
- CRISIL Limited
- Equinox Analytics
- Ernst & Young
- Federal Bank
- Frondeur Labs
- Glenmark Pharmaceuticals
- Happy Financial Services
- HDFC Bank
- HDFC ERGO General Insurance
- Idea Cellular
- IDFC FIRST Bank
- LTI
- Magic 9
- Mahindra And Mahindra
- Munich Re
- NeuralTechSoft
- Neilsen
- OPPO
- Piramal
- Praxis Retail
- Quantafic
- Reliance Communications
- Reliance General Insurance
- State Bank of India
- Tata AIA
- Tata Motors Finance
- Tech Mahindra
- Ugam Solutions
- Vayana Network
- VTION

FINAL PLACEMENT



FINAL PLACEMENT

-
- Amazon
 - Accenture
 - Associated Capsules Group
 - Auronova Consulting
 - Axis Bank
 - Bajaj Electricals
 - Capita
 - CARE Ratings
 - Cartesian Consulting
 - CitiusTech
 - Cognizant
 - Course5 Intelligence
 - CRG Solutions
 - CRISIL Limited
 - Glenmark Pharmaceuticals
 - Hansa Cequity
 - HDFC Bank
 - HDFC ERGO General Insurance
 - IDFC FIRST Bank
 - IndiaFirst Life Insurance
 - Infosys
 - Kotak Mahindra Bank
 - Kissht Finance
 - LTI
 - Mahindra and Mahindra
 - Munich Re
 - NeurelTechSoft
 - Nielsen Pharmaceuticals
 - Prudential UK
 - Quantiphi
 - QR Systems LLP
 - Reliance
 - RBL Bank
 - SBI General
 - TATA Technologies
 - TCS
 - Vistaar Technologies
 - Willis Tower Watson

Natasha **Business Analyst, Amazon**

“With data being the buzzword of the 21st century, being good at Statistics has become one of the key requirements for anyone willing to venture into Data Science. The M.Sc. Statistics course at NMIMS SDSOS, with its’ unique blend of statistics theory and its applications using software's has helped me to develop industry relevant skill sets and has steered a unique vigor to set out and embrace transformation. I would like to thank the Statistics department and the Placement Cell for the constant support and encouragement which has helped me to pave a great start to my career.”



Janvi Doshi **Data Scientist, IDFC First Bank**

“NMIMS SDSOS played a major role in grooming the professional side of my personality. This experience taught me time management, the importance of soft skills and pressure management. The unique curriculum with the summer internship and industry exposure through projects has proved to be the perfect kick-start for my career. I would like to thank all the faculty members and NMIMS for their constant support. I am glad that I chose the Department of Statistics, NMIMS SDSOS for completing my Masters in Statistics.”



Utkarsh Pimple

Data Scientist, Accenture

"Your best efforts will never be enough when your best efforts are being wasted in the wrong direction."

"NMIMS SDSOS has contributed a lot in providing me with the right direction of my career. These 2 years of M.SC. not only increased theoretical and practical knowledge of my subject but also helped me to shape my personality and confidence. All faculty members were supportive, encouraged us every time for new challenges, and helped us sharpen our skills."



Advait Vartak

Associate Consultant, Ernst & Young

"Data analyst EY: The M. Sc. Statistics course at SDSOS, NMIMS has a unique blend of Statistics theory which is taught along with its application on various industry-standard software. The faculty is experienced, helpful and encouraging and I feel they have brought out the best in me in terms of academic performance, projects and other extracurricular activities. The Institution is highly professional and handled this pandemic situation with ease when it came to syllabus completion and conducting exams. I would also like to appreciate my placement team for providing me with the opportunity to work with corporate firms through industry-relevant projects and internship"



PLACEMENT TEAM



**Ms. Priyamvada
Toshniwal**

President



**Mr. Pratik
Shinde**

Vice President



**Ms. Shilpi
Gupta**

Vice President

PLACEMENT COORDINATORS



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Basak**



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Dabre**



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Bedekar**



**Mr. Mahadev
Kandalkar**



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Bellur**



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Fernandes**



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Jagushte**

BATCH 2020-2022



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Gupta**



**Priyamvada
Toshniwal**



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**Jewel
Jacob**



**Shaun
Fernandes**



**Shruthi
Shetty**



**Gayatri
Tavale**



**Shibani
Parui**



**Jahnavi
Joshi**



**Kalyani
Nagraj**



**Pooja
Jaiswal**



**Prajakta
Mohite**



**Sagar
Tiwari**

BATCH 2020-2022



**Akansha
Mormare**



**Malavika
Sathyanarayanan**



**Varun
Parmar**



**Mahadev
Kandalkar**



**Pratik
Shinde**



**Samiksha
Sharma**



**Manasi
Shete**



**Rohan
Chaudhari**



**Sherly
Dabre**



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