

DEPARTMENT OF STATISTICS

MASTER'S IN APPLIED STATISTICS AND ANALYTICS



Placement Brochure

2018-20



SUNANDAN DIVATIA
SCHOOL OF SCIENCE

1 The Institute

SVKM'S NMIMS,

The top Deemed to be University (as per UGC norms), one of the premier universities of higher studies in India, has completed 38 years of its existence in the year 2018-19. It spans a large complex of over 40,000 sq. feet and it stands today as a landmark in Vile Parle, an affluent suburb of Mumbai.

SUNANDAN DIVATIA SCHOOL OF SCIENCE was started in 2007 with a view to provide undergraduate and postgraduate students an opportunity to be a part of the unique learning methodology of the university which lays emphasis on academic excellence combined with the industry oriented training.



The University has NAAC accreditation with 3.59 CGPA (on 4-point scale) and Grade A+ for the 3rd time (Mumbai Campus) Category 1 University by MHRD / UGC – Graded Autonomy Regulations 2018



2 The Department



Department of Statistics was started in **2007** with the Master's programme in **Statistics**.

With the objective of taking the undergraduate course to a higher level and introducing the students to more rigorous data mining tools to enhance their knowledge to apply statistical techniques to the business problems, **M. Sc. Applied Statistics and Analytics Programme** was introduced by **NMIMS SDSOS** from academic year 2018-19.

3

Why Applied Statistics & Analytics?

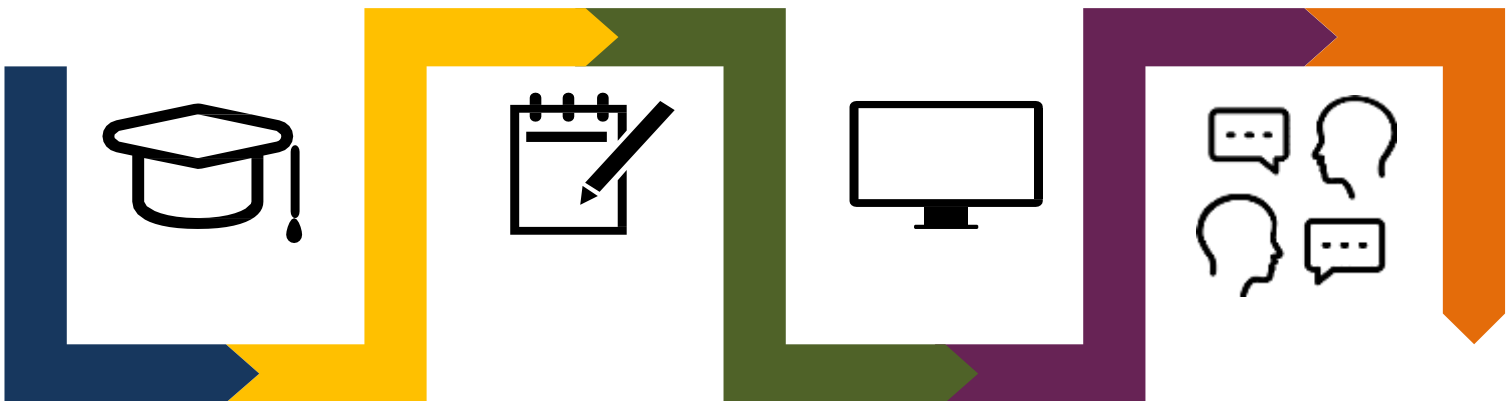
- A rigorous applied program providing high level training in statistics.
- Specialized course which includes modern computationally intensive theory and methods.
- Updated curricula with current trends in the market.
- A complete semester Industry based project.
- Guest faculty drawn from a pool of experts from Industry.

5 Course Structure



**Semester Pattern
(4 semesters)**

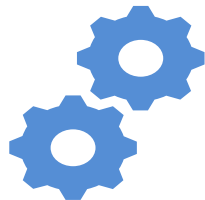
**14 Papers - 1st year
7 Papers - 2nd year**



**4th Semester Industry Project
(Dec 2019 – May 2020)**

**Organizational Behavior
& Soft Skills Training**

6 A Comprehensive Curriculum



DESCRIPTIVE

APPLIED

ANALYTICAL

**PERSONALITY
DEVELOPMENT**

**Probability
Models for Data
Analytics**

**Modern
Statistical
Inference**

**Designs of
Experiment**

**Stochastic
Models for
Analytics**

**Generalised
Linear
Models**

**Financial
Econometrics**

***Electives**

**Applied
Multivariate
Data Analysis**

**Survival
Analysis**

**Machine
Learning
Techniques**

**High
Performance
Data Mining**

**Predictive
Analytics**

**Organisational
Behaviour - I**

**Organisational
Behaviour - II**

Soft Skills

**Project
Management**

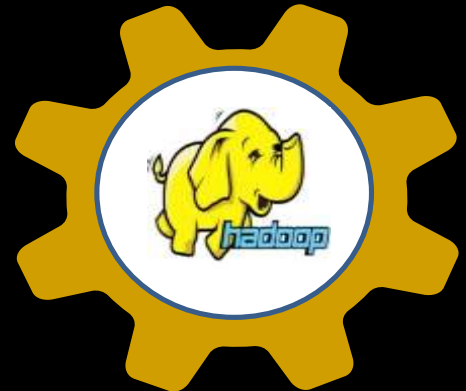
**Electives - Quality Management,
and Marketing Analytics*

7 Technical Skills

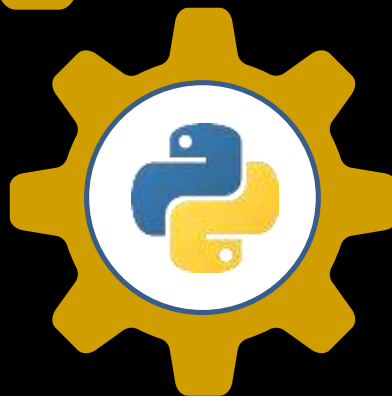
**BASE SAS &
PREDICTIVE
MODELLING**



HADOOP



R STUDIO



PYTHON



SPSS

8 Our Achievements



10 students cleared Base SAS Certification Exam for SAS 9 on March 6, 2019

AIR 3 in the project competition organized by Indian Society for Probability and Statistics (ISPS) 2018
The project topic was "Impact of Urbanization on Biodiversity"



Prasad Dalvi won **2nd prize** in "On the Spot Essay Writing Competition" held by Ministry of Statistics and Programme Implementation, New Delhi.



7 teams participated in Business Analytics Data Mining Championship (BADM) 2018

9

Extra Curricular



10 Guest Lectures



Dr. Tuhin Chattopadhyay
Chief Technology Officer,
QuantFarm Pvt. Ltd.



Mr. Pallab Bhattacharya
Associate Director,
Business Excellence
& Data Science,
Edelweiss Financial



Ms. Madhavi Gokhale
Area Chairperson,
Communications,
SBM, NMIMS



Mr. Manish Makhijani
Global PDC Director,
Hindustan Unilever
Ltd.



Mr. Rajeev V.K. Nair
Ex - Director (Retd.),
Indian Meteorological
Department



Mr. Jitendra Tawde
Asst. General Manager,
Operations Int.
Business Div,
Godfrey Phillips India Ltd.

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Department Workshop



SANKHYIKI 2019

DEPARTMENT OF STATISTICS, NMIMS SDSOS

Over 120 students from across Mumbai came together to attend a two- day Statistics workshop, Sankhyiki, held on the 1st and 2nd February 2019.

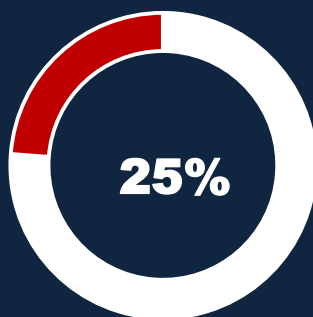
The theme of Sankhyiki 2019 was
'Enhancing Automation: The Pervasive Tool in Data Science.'



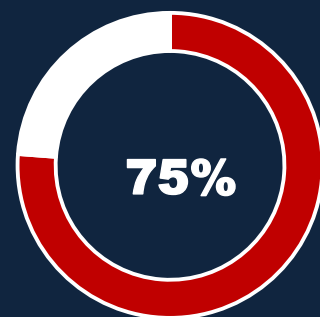
12 Batch Profile



PRIOR WORK EXPERIENCE



Work Experience



Fresher

13 Industry Experience



14 Students' Profiles



Shyamnarayan

B. Sc. Statistics
KJ Somaiya college,
Mumbai University;
Post Graduate Diploma in
Applied Statistics,
Mumbai University

Project:

To identify and modelling
the risk factors of diabetes



Sneh Bhardwaj

B. Sc. (Maths, Statistics,
Economics)
Mount Carmel College,
Bangalore University

Project:

Canteen facilities of
Mount Carmel College



Prasad Dalvi

B. Sc. Statistics
D. G. Ruparel College,
Mumbai University
PGD in Data Science
St. Xavier's College

Work Experience:

Executive,
Data science at
AC Nielsen



Pranay Gaikwad

B. Sc. Statistics
KJ Somaiya college,
Mumbai University
PGD in Data Science,
St. Xavier's College

Work Experience:

Executive,
Data science at AC Nielsen



Sanchi Jhamb

B. Tech Aerospace
Hindustan institute of
technology and science,
Hindustan University

Internship:

Data Analyst Intern,
Larsen & Tourbo

Students' Profiles



Uttara K.

B. Sc. Statistics
Ramnarain Ruia
(Autonomous) College,
Mumbai University

Internship:
Data Science Intern,
mCaffeine



Sachit Nagpal

B.B.A Finance
Anil Surendra Modi
School of Commerce
NMIMS

Work Experience:
Data Scientist,
Educational Initiatives



Manvi Pareek

B. Sc. Applied Statistics
& Analytics
Sunandan Divatia School of
Science, NMIMS

Project:
Digital Image Processing:
Dog Breed Classification Model
using Convolutional Neural
Network(CNN)



Atharva Potdar

B. Sc. Statistics
Ramnarain Ruia (Autonomous)
College,
Mumbai University

Internship:
Data Science Intern,
Occipital Tech



Yahya Sait

B. Sc. Statistics
KC College,
Mumbai University

Project:
Impact of Urbanization on
Biodiversity, ISPS

Students' Profiles



Siddhika Sawant

B. Sc. Applied Statistics
& Analytics
Sunandan Divatia School
of Science, NMIMS

Internship:
Data Science Intern,
mCaffeine



Jeet Shah

B. Sc. Applied Statistics
& Analytics
Sunandan Divatia School
of Science, NMIMS

Internship:
Revenue Analyst,
Games2Win



Suraj Singh

B. Sc. Statistics
R.J. College,
Mumbai University

Internship:
Data Science Intern,
Occipital Tech



Yash Sawant

B. Sc. Statistics
D.G. Ruparel College,
Mumbai University

Internship:
Data Analyst Intern,
Terracon Ecotech



Aashita Sharma

B Sc. (Hons.) Statistics,
Sri Venkateswara College, University
of Delhi

Work Experience:
Analyst, American Express India
Pvt. Ltd.

Students' Profiles



Siddhi Tripathi

B. Sc. Statistics
St. Xavier's College,
Mumbai University

Internship:
Data Analytics Intern,
Ministry of Statistics
& Programme
Implementation



Priyanka Naik

B. Sc. Statistics
Ramnarain Ruia
(Autonomous) College,
Mumbai University

Internship:
Data Analytics Intern,
Educure



Dhruvi Sutaria

B. Sc. Statistics
Ramnarain Ruia
(Autonomous) College,
Mumbai University

Internship:
Data Science Intern,
MudraCircle



Priyanka Kadam

B. Sc. Statistics
Sathaye College,
Mumbai University

Project:
Sales Analysis of Bigmart



Isha Soni

B.Sc.(hons) Mathematics
Jesus and Mary college,
University of Delhi

Internship:
Data Analytics Intern,
Ministry of Statistics & Programme
Implementation

15 Placement Committee



NAME

DESIGNATION

Devi Siddhi Tripathi

PRESIDENT

Manvi Pareek

VICE - PRESIDENT

Aashita Sharma

VICE - PRESIDENT

Siddhika Sawant

COORDINATOR

K. Uttara

COORDINATOR

16 Contact Us

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STUDENT COUNCIL

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