

# DEPARTMENT OF STATISTICS

## M. Sc. Statistics

### Placement Brochure

#### 2018 – 2020



# **ABOUT US**

## **Vision**

**To be globally recognized as a premium  
institution engaged in cutting-edge  
research in Basic and Applied Sciences**

## **Mission**

**To be a Center of Excellence providing  
quality education and research training**

**To translate research outcome for  
betterment of society**

**To collaborate with Educational  
Institutions/Universities of repute in  
frontier areas of Science and Technology**



# NMIMS, SDSOS – Department of Statistics

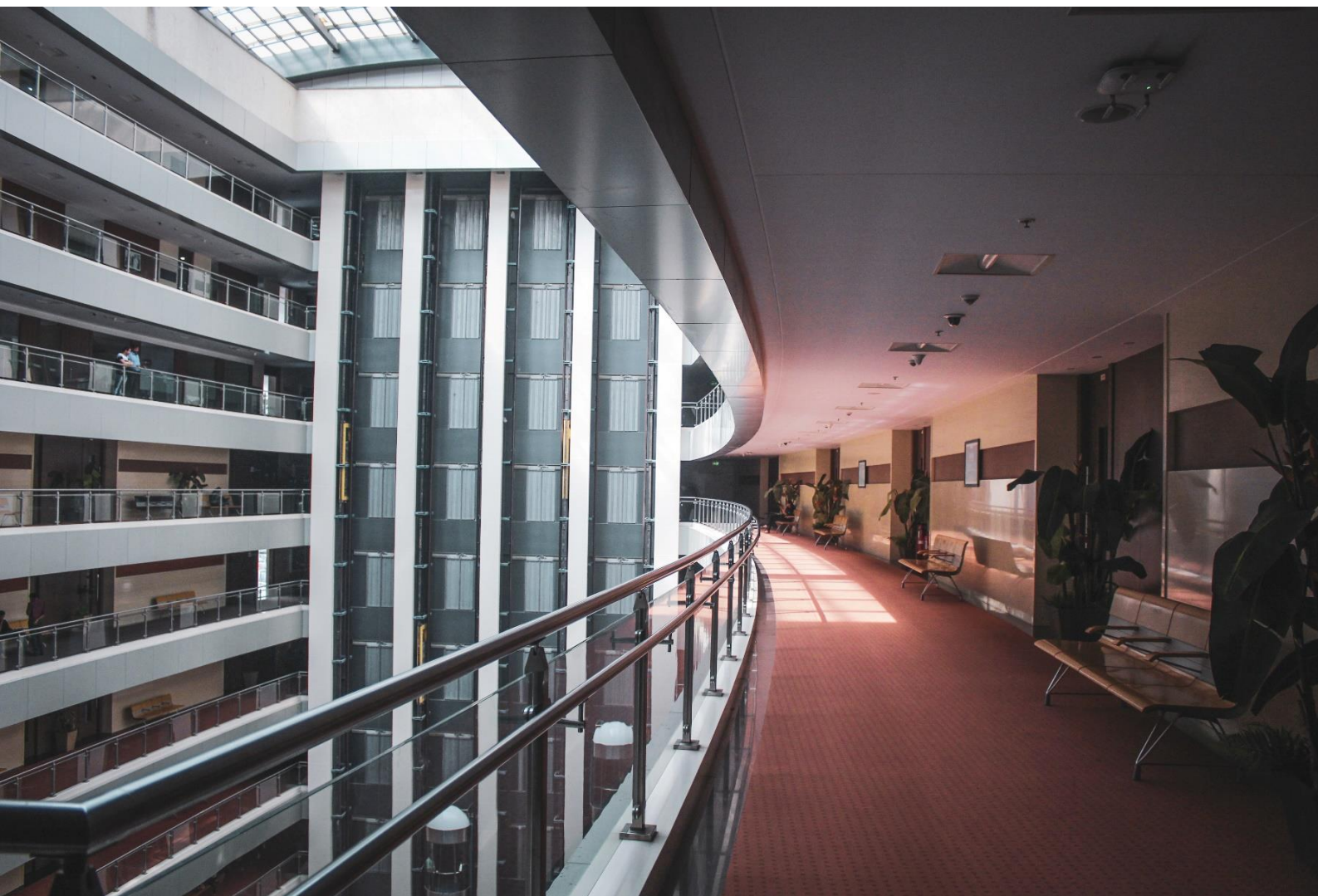
- ❖ Our aim is to train individuals in statistics, both as a subject in itself and as a discipline to aid in the development of other social and scientific fields.
- ❖ **Department of Statistics** of School of Science is one of the few in the country with a strong faculty orientation toward applications of Statistics.
- ❖ We teach **Masters of Science - Statistics (M. Sc. Statistics)**, **Masters of Science - Applied Statistics and Analytics (M. Sc. ASA)** and **Bachelors in Applied Statistics and Analytics (B. Sc. ASA)** courses through problem solving & computer workshops. We train our students on theoretical as well as practical basis.
- ❖ So we encourage our student for data analysis & projects, to develop their innovative approach to learning process.





# M. Sc. Statistics – WHY US?

- ❖ **A unique program blending theory with practical application**
- ❖ **Extensive course work in line with the requirements of Industry**
- ❖ **Development of skills to use statistical and computational techniques**
- ❖ **In built opportunity to improve soft skills as well as scientific writing**
- ❖ **Guest faculty drawn from a pool of experts from Industry**





# COLLEGE TO CORPORATE JOURNEY



## Entry into NMIMS

Statistics Graduates with Distinction  
Written test results  
Interview Performance

## Rigorous Two Years Course Curriculum

Applied Statistics Learning  
Skilled in Software  
Evaluation on CGPA basis  
Guidance from Industry Experts

## Industry Exposure

Two months summer internship  
Three months Live winter Project

## Final Placement

Industry Ready  
Employability skills  
Less turnaround time required



# CURRICULUM

## **PART I**

Sampling Theory  
Estimation Theory  
Probability Theory  
Distribution Theory  
Linear Algebra  
Linear Models  
Regression Analysis  
Testing of Hypothesis  
Designs of Experiment

## **PART II**

Multivariate Analysis  
Non-Parametric Inference  
Stochastic Processes  
Time Series Analysis  
Optimization Techniques  
**Project and Dissertation**

### **Electives:**

- Survival Analysis
- Financial Statistics
- Biostatistics
- Industrial Statistics

## **SOFTWARES**

Advanced **MS Excel**  
Basic & Advanced **R**  
Basic & Advanced **Python**  
**Base SAS**  
**SAS Predictive Modeling**  
**SPSS**



# STUDENT DEVELOPMENT ACTIVITIES

## EMPLOYABILITY SKILLS



- Stress Management
- Conflict Management
- Team Building Activities
- Psychometric Tests
- Self Evaluation Tasks



## BUSINESS STATISTICS

## PROJECT MANAGEMENT



- Stakeholder Engagement
- Waterfall Technique
- Six - Sigma
- Change Management
- Guest Lectures from varied Sectors



## JOURNAL CLUB



- Two research papers detailed study
- Presentation of the research papers



# GUEST LECTURES



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



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



**Dr. Sharad Varde,**  
Independent Management  
Consulting Professional



**Mr. Sandeep Mittal,**  
Managing Director at Cartesian  
Consulting



**Mr. Vyom Upadhyay,**  
Head, Business Intelligence at  
ICICI Bank



**Ms. Madhumita Ghosh,**  
Big Data analyst at IBM India  
Private Limited



**Mr. Rajendra Adsul,**  
Joint Commissioner of State  
Tax (GST)



**Mr. Saikat Chakraborty,**  
Vice President – retail analytics  
at Accenture



**Ms. Moumita Sarker,**  
Director - Client Delivery  
at Cartesian Consulting



**Mr. Jitendra Tawde,** Head of  
Quality, Systems and Business  
Development, YSQ International  
Pvt. Ltd.



**Mr. Sudepta Chaudhuri,** Head –  
BI & Advanced Analytics at  
Vodafone- Idea Cellular Ltd.



**Dr. Chitra Lele,**  
Chief Scientific Officer ,  
Sciformix Technologies Pvt. Ltd.



**Mr. Amul Desai,**  
Director – Analytics and Data  
Science at NMIMS University



**Geeta Zankar,**  
Senior Vice President, Karvy  
Insights Ltd



**Mr. Venkatesh**  
Senior Manager Head – Data  
Science, C.O.P. at Larsen and  
Toubro Infotech



**Mr. Satya Tiwari,**  
Chairman & CEO - Voll  
Sante Functional Foods &  
Nutraceuticals Pvt. Ltd.



# SANKHYIKI 2019

This Year 2018 - 19, Sunandan Divatia School of Science organized Sankhyiki on 1<sup>st</sup> and 2<sup>nd</sup> February 2019. A two-day workshop “Sankhyiki” on ‘*Enhancing Automation: The Pervasive Tool in Data Science*’. Total **137** participants participated in this workshop.



Lamp Lighting Ceremony by Dr. Tuhin Chattopadhyay and Dr. M. N. Welling



Keynote Speaker: Dr. Tuhin Chattopadhyay  
Chief Technology Officer, QuantFarm Pvt. Ltd.



Excel Macro Training:  
Mr. Nachiket Pendharkar  
[CA, CFA, Microsoft Certified Trainer & Excel Expert]

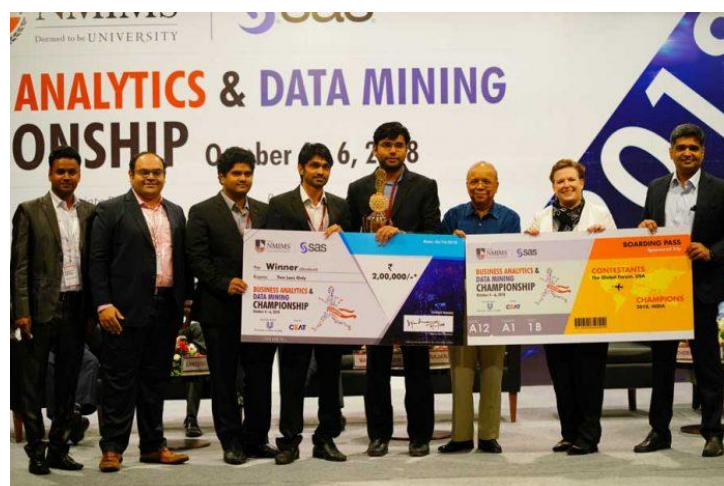
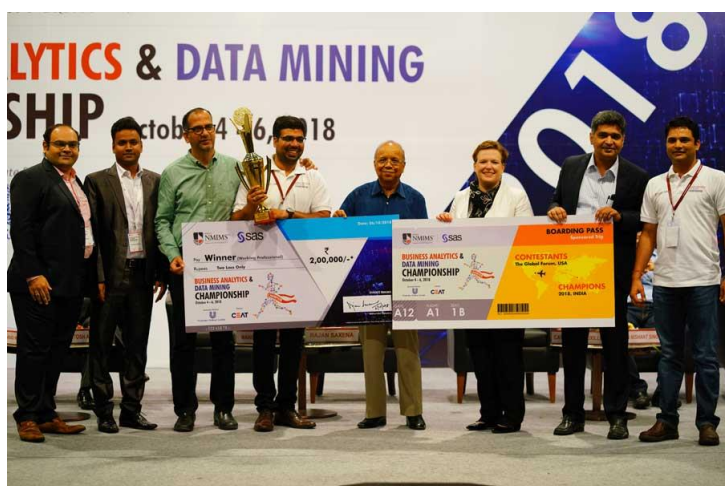


Core Organizing committee of Sankhyiki  
2018 - 2019

# BUSINESS ANALYTICS & DATA MINING CHAMPIONSHIP 2018

The 3-day Business Analytics and Data Mining Championship 2018 jointly organized by NMIMS and SAS under the leadership of Prof. Sunil Shirvaiker, Program Director (Statistics) with statistics students contribution, was held from 4-6 October 2018 at the NMIMS campus, Mumbai.

The inaugural ceremony was graced by Dr. Rajan Saxena, Vice Chancellor – NMIMS and keynote speakers Dr. Catherine Truxillo, Director of Advanced Analytics Education, SAS and Mr. Manish Makhijani, Global PDC Director, Hindustan Unilever Limited.



Job Fair was held on 6<sup>th</sup> Oct, 2018 where 45 companies visited the campus

**LTI**  
Let's Solve

**HDFC BANK**  
We understand your world



**iksula**  
Technology → eMarketing → Outsourcing

**LogisticsNow**

**CRG SOLUTIONS**

**jubi.**



**sas**



# EXTRA-CURRICULAR ACTIVITIES

## EXCALIBUR (Jan 2019)

A Unique Platform offered to showcase a blend of Drama, singing, Dance, Instrumental and various other talents.





## **SPORTS DAY (Feb 2019)**

Along with strong academia, we also have enthusiasm for outdoor and indoor sports that develops Sportsmanship in our students





# **SCHOOL OF SCIENCE CONVOCATION 2012 – 2014**



**Chief Guest – Dr. A. P. J. Abdul Kalam**

# PROJECT SPONSORS

2016 - 2017



2017 - 2018

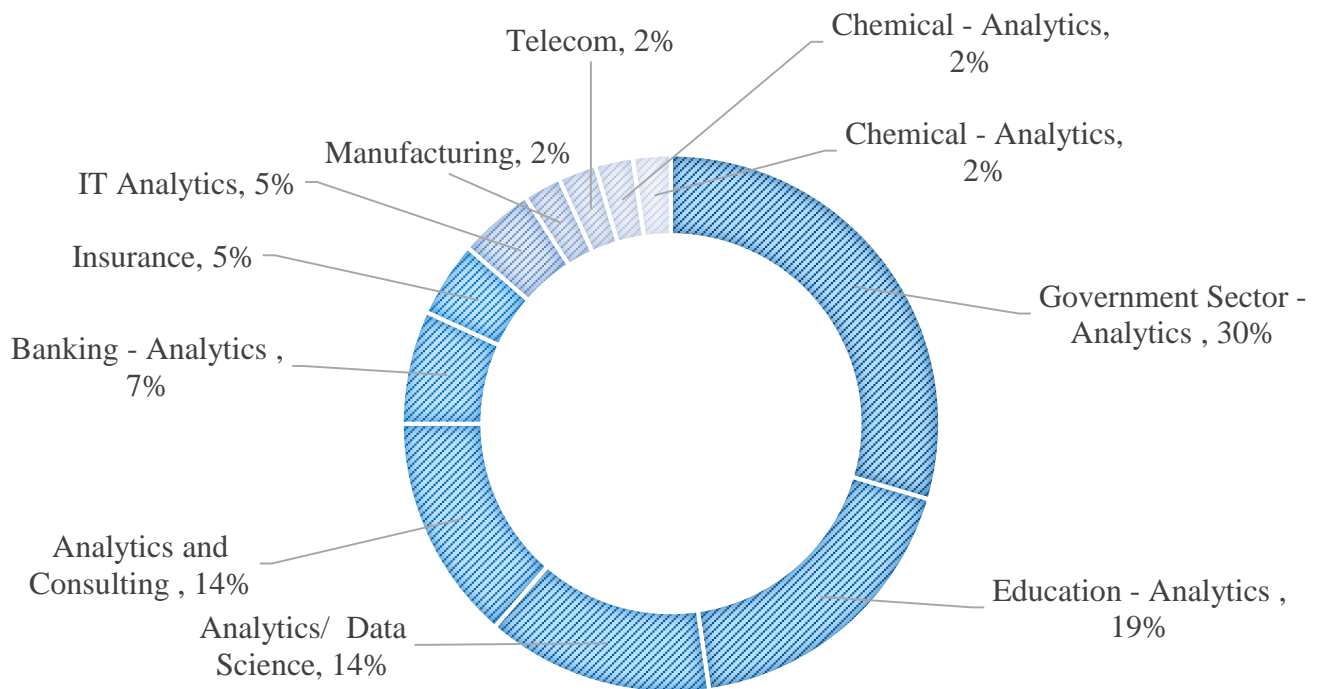


2018 - 2019

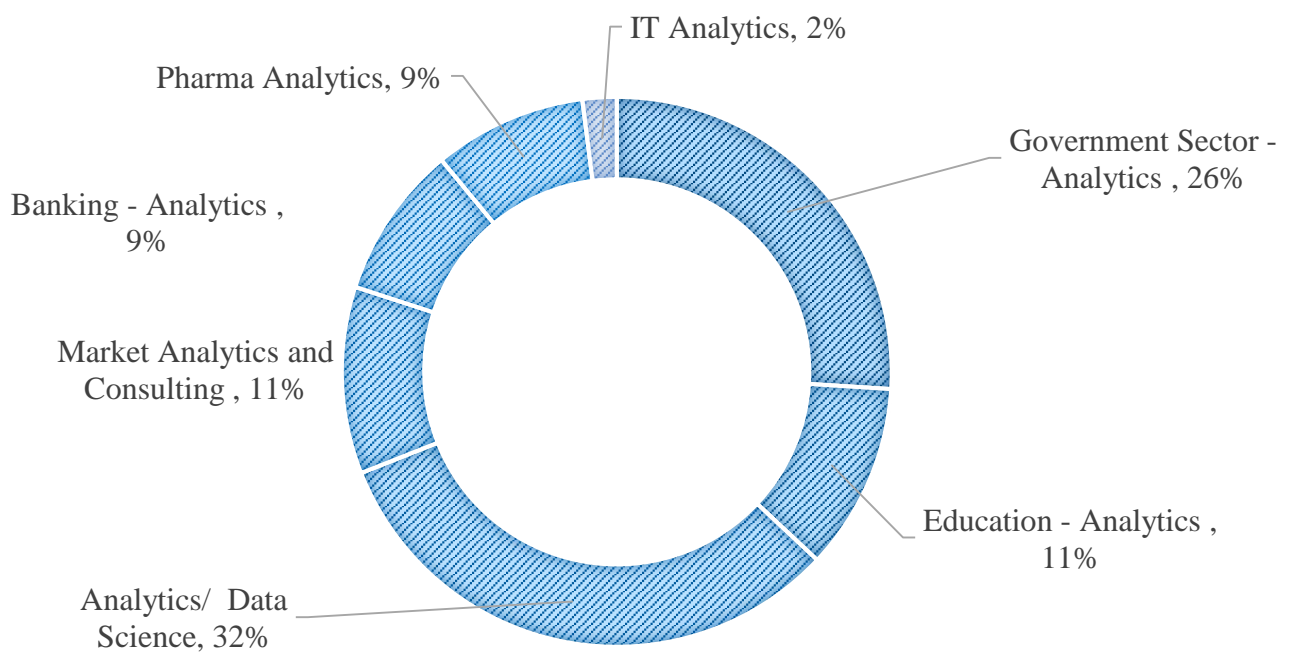




## 2016 - 2017

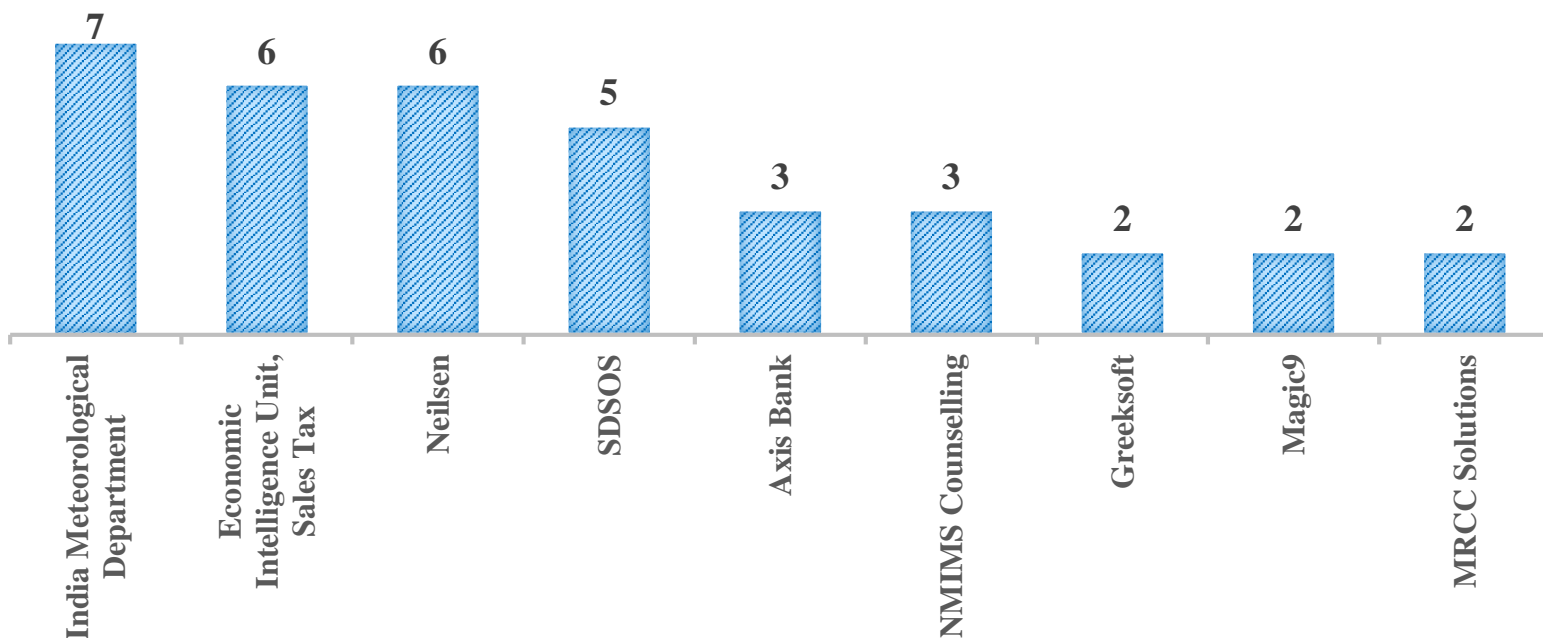


## 2017 - 2018

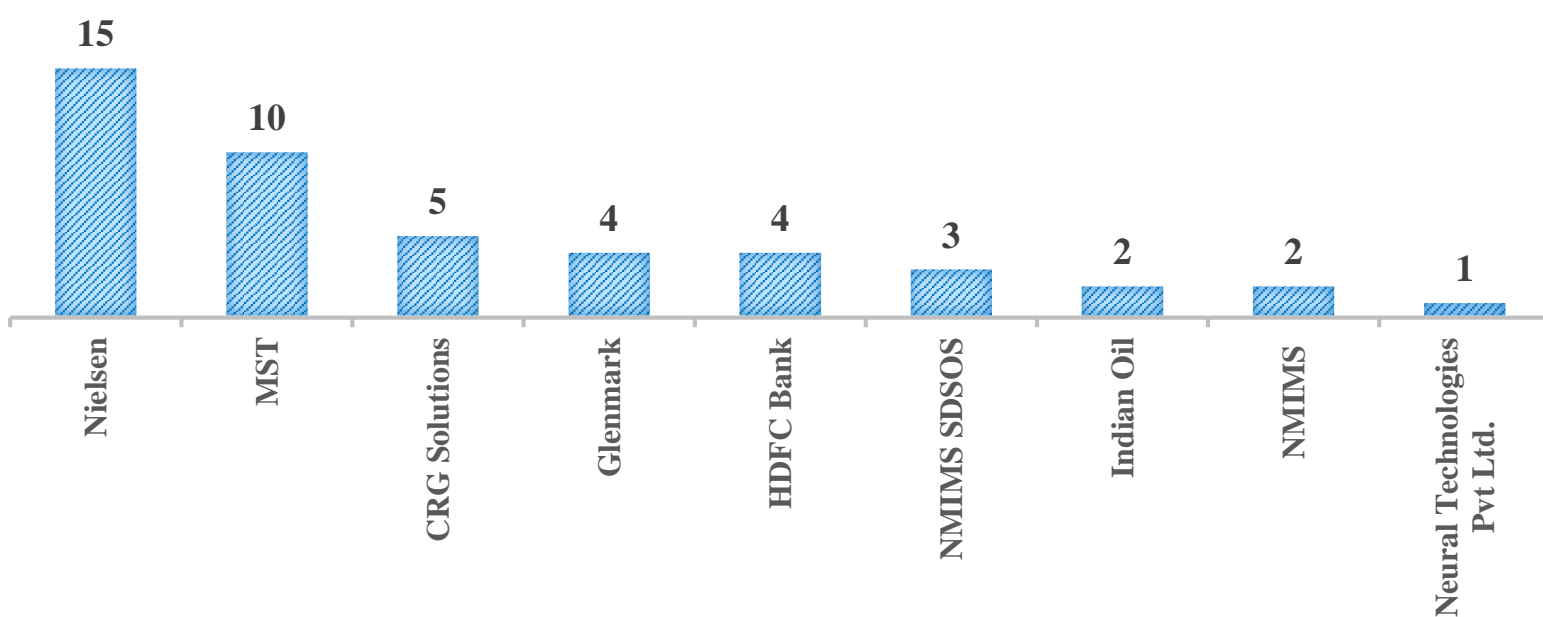


# Summer Internship

## 2016 - 2017

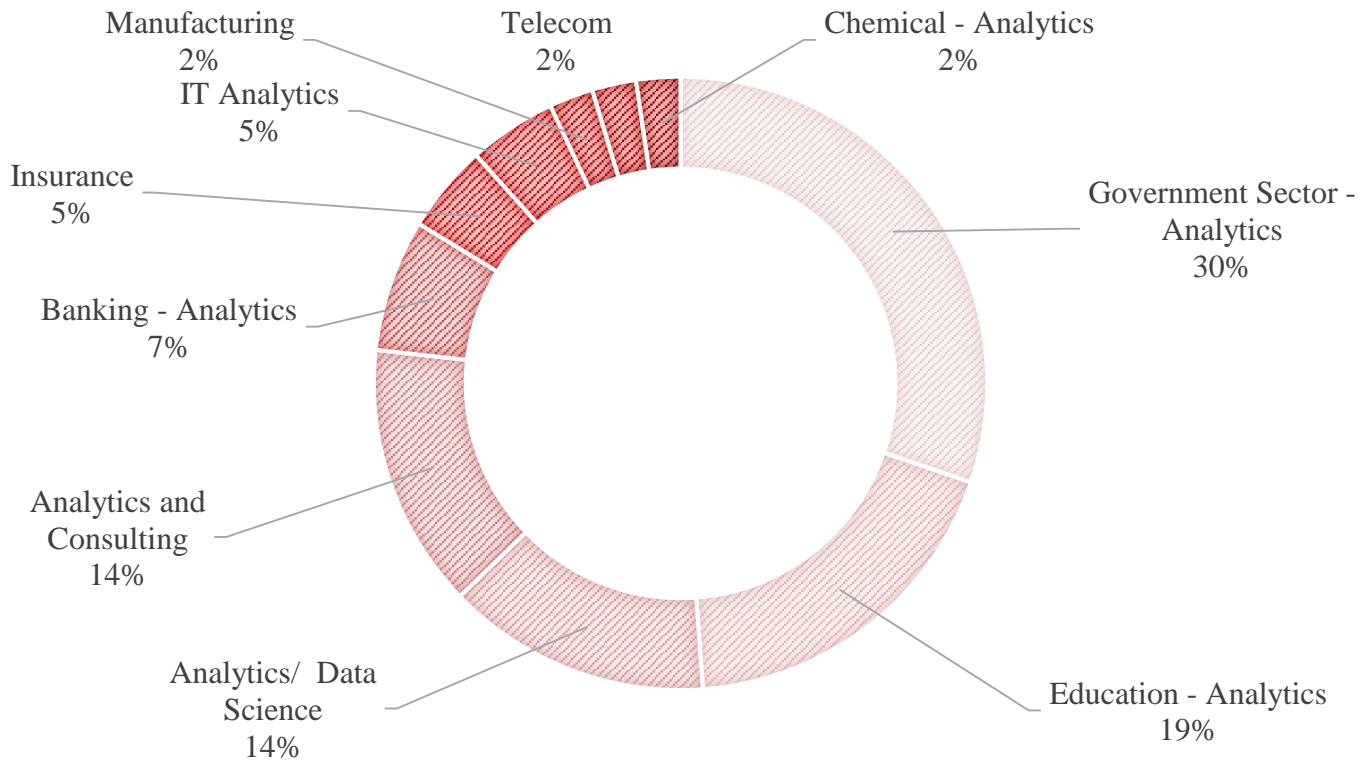


## 2017 - 2018

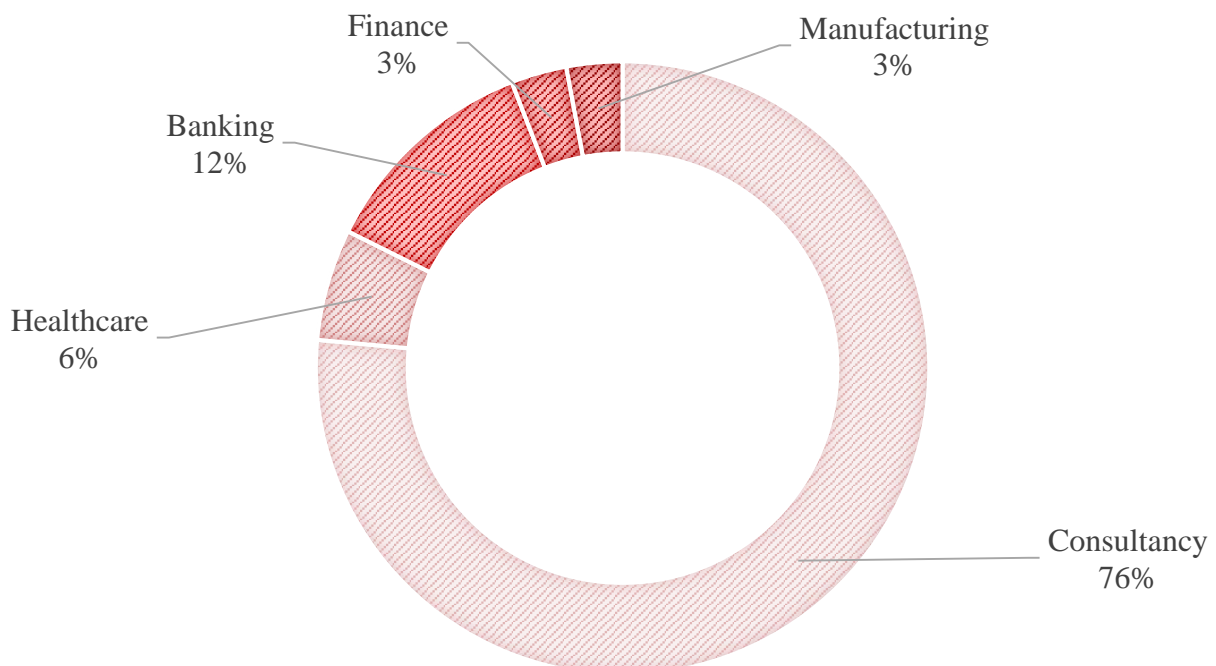




## 2017 - 2018

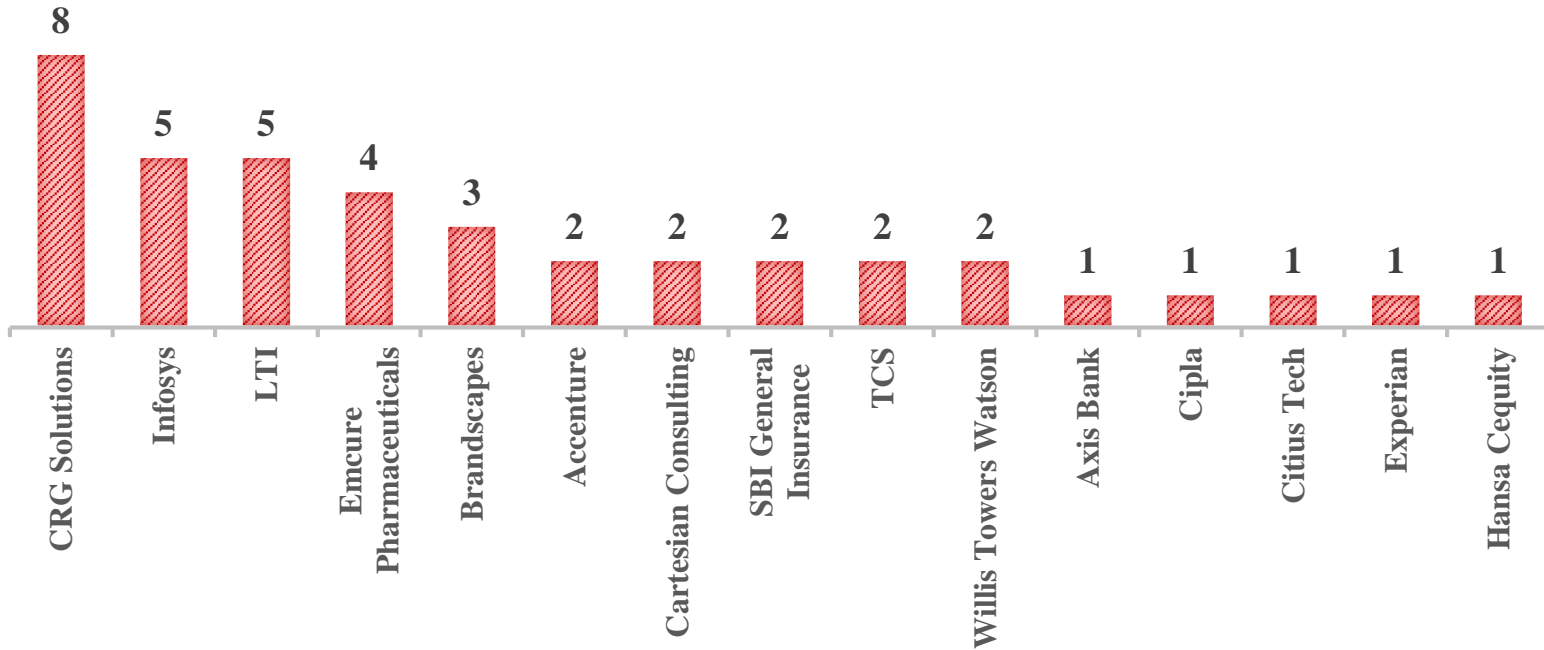


## 2018 - 2019

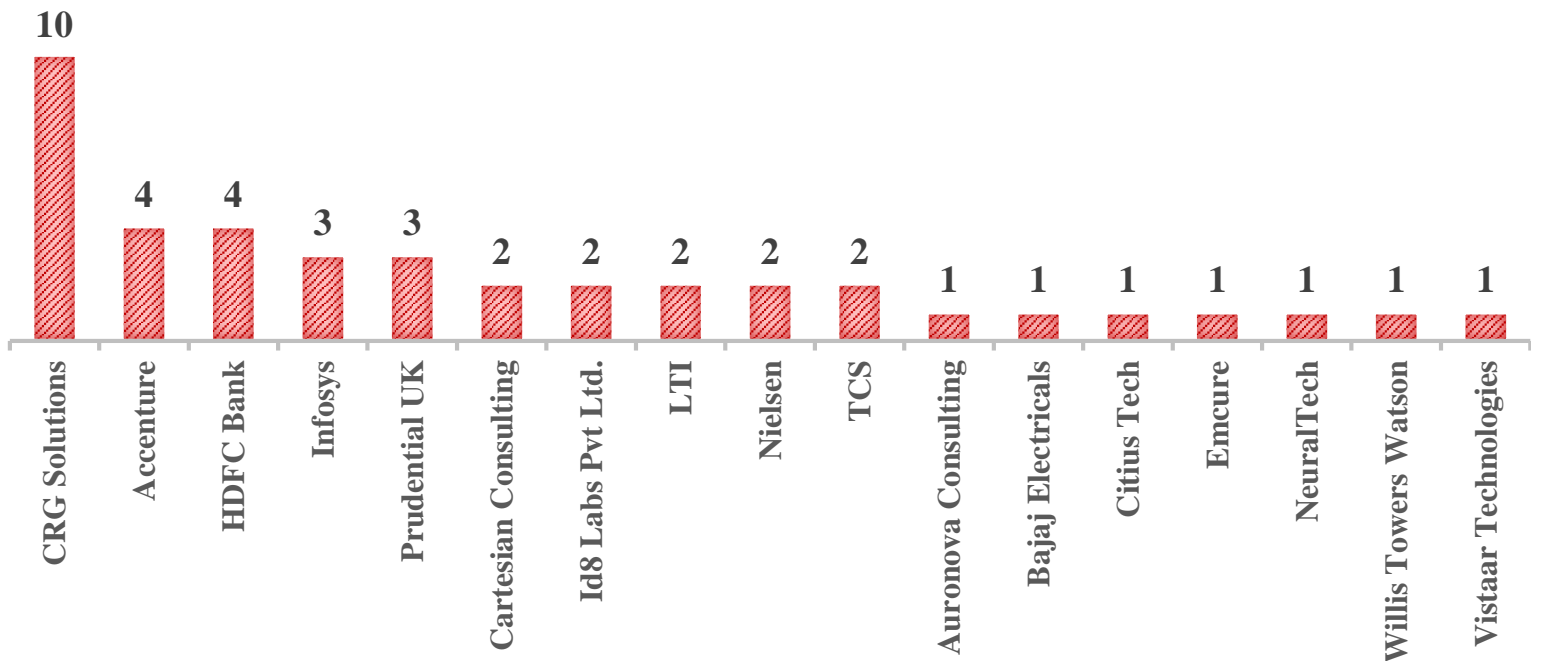


# Final Placement

## 2017 - 2018



## 2018 - 2019





# Testimonials

**Archit Pore****Company: HDFC Bank****Designation: Management Trainee**

“It gives me great pleasure in sharing my success after joining SDSOS, NMIMS. This institution helped me to develop as a professional who can take up any challenges and makes me available as a ready-made product in the market. This institute has not only imparted knowledge but also made sure about my 360° development. The relation between faculty and students is very cordial, which gave me an opportunity to excel further. I would like to appreciate the placement team for helping me enhance my skills by giving us opportunities to work with corporate firms through internships and projects. Thank you SDSOS, NMIMS for all the support.”

**Divya Gadekar****Company: Accenture****Designation: Data Science Analyst**

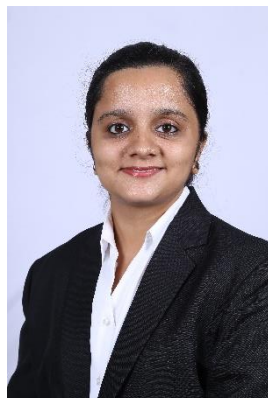
“When I first started at NMIMS University, I was unsure about my future and anxious about the different challenges I was heading forward to face. But NMIMS SDSOS gave me the support and confidence to grow both personally and professionally. It gave me an opportunity to enrich my knowledge, to learn and to grow gradually. The faculty members are helpful, open and supportive. The campus is beautiful and full of limitless opportunities.”

**Parth Tondwalkar****Company: Infosys****Designation: Senior Associate**

“I found the M.Sc. Statistics curriculum at NMIMS campus to be very educative and it provided me an opportunity to understand and explore my options through internships. The best thing about the College was being part of a supportive environment, where everyone is focused, help each other and you are encouraged to succeed as individuals. Most of the teachers are really kind and their way of teaching is really interesting. They are also very motivational. My M.Sc. at NMIMS brought clarity of thought, knowledge, confidence, courage and conviction to me and my goals.”

**Nishi Dedhia****Company: Bajaj Electricals Ltd.****Designation: Data Scientist Associate**

“My two years at SDSOS, NMIMS have been full of learning opportunities, which made me stronger and took me a step ahead for being an independent woman. The industry exposure provided here prepares you to face challenges and builds a problem-solving attitude in you. The placement process provided a platform to enhance my skills and an opportunity to showcase them. I am thankful to the entire placement team who have been very supportive and have put in a lot of efforts to make sure students get placed in best companies. I am grateful to this institution for molding me to become a more confident individual. Thank you.”

**Sampada Kelkar****Company: Cartesian Consulting Pvt. Ltd.****Designation: Trainee Analyst**

“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 Sunandan Divatia School of Science, with its’ unique blend of statistics theory and its applications using software’s has helped me to develop industry relevant skillsets and has also steered a unique vigour to set out and embrace transformation. The experienced and diverse faculty always encourage to give it a bit more at every task, which helps in shaping as smart and tech savvy industry ready individuals. I would like to thank the Statistics department for the constant support and encouragement which has helped me to pave a good start to my career.”

# PLACEMENT TEAM 2018 – 2020



## **President**

Ms. Laxmi Saoji

## **Vice President**

Mr. Viraj Bagadia

## **Vice President**

Ms. Rajvi Doshi

## **Placement Coordinators**

Mr. Rohan Malkar

Ms. Riddhi Bhattacharya

Ms. Janhavi Lad

Ms. Priya Mitthankhediwale

Mr. Makarand Pawar

Ms. Sapna Bhat

Mr. Jitendra Alim



# Batch 2018-2020



**Jitendra  
Alim**



**Jenie  
Abraham**



**Divya  
Ahirrao**



**Viraj  
Bagadia**



**Riddhi  
Bhattacharya**



**Anuja  
Deherkar**



**Rajvi  
Doshi**



**Kruti  
Desai**



**Disha  
Deshpande**



**Srishti  
Gulati**



**Lakshmi  
Hariharan**



**Shraddha  
Indulkar**



**Paritosh  
Kalra**



**Omkar  
Konduskar**



**Janhavi  
Lad**



**Rohan  
Malkar**



**Hitesh  
Manghnani**

# Batch 2018-2020



**Hansini  
Manohar**



**Krishna  
Mishra**



**Priya  
Mitthankhediwale**



**Somya  
Pathak**



**Makarand  
Pawar**



**Sumi  
Plamootil**



**Umang  
Prakash**



**Sayli  
Sawant**



**Kalpana  
Sharma**



**Pratik  
Shinde**



**Vaishnavi  
Surve**



**Laxmi  
Saoji**



**Shraddha  
Tiwari**



**Eugene  
Xavier**



**Sapna  
Bhat**



**Shobha  
Chaudhari**



**Drishti  
Bhatia**





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**Ms. Ashita Dara:**

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