The School of Science (SOS) is a newly founded Endeavour of the prestigious SVKM’S NMIMS (deemed to be University), in its efforts to diverge to various disciplines of higher education and learning.

The SOS evolved in 2007-2008, with a view to provide undergraduate and post graduates an opportunity to embark on a challenging, yet exciting domain of Pure and Applied Sciences. At the SOS, we offer unique multi- as well as interdisciplinary programs, viz. Post graduate program in Statistics; Integrated Postgraduate-Doctoral program in Biological Sciences & Chemical Sciences and a Doctoral program in Biological Sciences & Chemical Sciences.

We invite visiting faculty from industry, whereby the students get the firsthand information as regards the scenario in various industries. We also encourage students to undergo summer training at various public/private sector undertakings. Final placement is the concluding step for the postgraduate students to enter the corporate world.

The School of Science has about 15-20 M.Sc. II year well trained students, with hands-on-experience using various statistical packages like SAS, SPSS, R etc. We will be honored to have you for our final placement process at the School of Science.

The role of Statistics in decision making in any organization is well known. However what is important is the person who leads the use of Statistics in various business situations the management is going through. If managed well by the person with good statistical knowledge and understanding of industry & business processes the organization gets significant tangible benefits.

Post-graduate degree in Statistics at NMIMS, School of Science, department of Statistics is focused on applications of Statistics apart from theoretical statistical knowledge. The emphasis is also on software tools in statistics which does speedy analysis of data.

We conduct various guest lectures by experts from different sectors which helps students to know the various applications of statistics. We focus on development of student through case studies, presentations, research approach in journal club, soft skills etc.

Our last year batch got placements from good companies like TCS, Sciformix, Willis, Cartesian Consulting, etc. We welcome you to our final placement process at dept. of Stats at the School of Science.
GOALS

✓ To aim at overall personality development of the students through Curricular & co-curricular activities like Journal Club, Guest Lectures, Projects etc.

✓ To expose students to the Statistical Software (SAS, SPSS, R, Excel) and Statistical Techniques so as to enable them to face the challenges of competitive world and make them industry ready.

✓ To establish linkages with various bodies in society like industries, service sectors, academic & professional institutions etc.
Two years full time course.

Trimester pattern.

Four papers in each trimester.

Two months summer Internship.

Six months Research Project.
TOPICS COVERED

Distribution Theory
Sampling Theory & Applications
Linear Algebra & Numerical Methods
Probability Theory & Applications
Parametric Inference- Estimation
Linear models
Testing of Hypothesis
Designs of Experiments
Regression Analysis
Multivariate Analysis
Stochastic Processes
Non-Parametric Inference
Time Series Analysis
Optimization Techniques
Financial / Industrial Statistics
Survival / Biostatistics
Advanced Multivariate Analysis
Industry Application

- Service Quality
- Data Mining
- Inventory Management
- Consumer Behavior
- Product & Company Positioning
- Market Research
- Queue Management
- Process Development
• In a group of 2-3 students, starts in III trimester, continues in IV and V trimester.

• Selection of quality projects relevant to M. Sc. Statistics course and of value to the industry.

• Guidance to the students for formulating project plan and smooth implementation.

• Evaluation of the project.

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Project Monitory Committee

Comprises of experts from Industry and Academics
# SOFTWARE

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NMIMS and SAS join hands to propel India's leap in Analytics
R training workshops were held by
• Prof. Madhvi Jardosh
  Associate Professor, Department of Statistics, K. J. Somaiya College of Science and Commerce
• Prof. Aarati Kore
  Assistant Professor, Department of Statistics, K. J. Somaiya College of Science and Commerce
• Dr. Jyothi Subramanian
  Biostatistician - Consultant & Research Scientist.
Mr. Srikanth
Co-founder and CEO, Fractal Analytics
• The future of Analytics

Ms. Smita Tibrewal
Head - Motor Underwriting - Reliance General Insurance
• The different aspects of general insurance

Dr. Debjit Biswas
Vice President, Clinical Development and Head of Biostatistics & Data Management, Piramal Enterprises Ltd
• The role of Statisticians in Clinical Trials.

Dr. Abhiman Das
Director, Statistical Analysis Division, Department of Statistics and Information Management, Reserve Bank of India, Mumbai
• Statistics in Reserve Bank of India – Some Reflection
Soft skills are an integral part of our curriculum helping students prepare for the corporate world.
National Education Day is celebrated annually by School of Science through different kinds of competition like Quiz, Poster making, Presentation etc.

Dr. Varde, External Academic Advisor, Warwick University
Role of Statistics in the field of Biomedical

Dr. M. N. Welling, Pro - Vice Chancellor (NMIMS)
Data Speaks for itself
Placement Activities

Willis - Brand and Catastrophe Awareness Session
Name: Nandini Ananthanarayanan  
Internship: RBI (DSIM, Mumbai)  
Project: Delayed Information Flow and Current Macroeconomic Analysis.

Name: Palak Singh  
Internship: Big Vue Consulting and Ananto Analytics  
Project: Marketing of consumer durables. Studying and Forecasting of bike sales.

Name: Siddhi Toraskar  
Internship: RBI (DSIM, Mumbai)  
Project: Effect of Corporate Profitability on Economic Growth
Name: Chaitali V. Gad  
Internship: ANANTO Analytics  
Project: Teleshopping (Market Research project)

Name: Prasun Ghosh  
Internship: SAS India Pvt Ltd.  
Project: Open Source Intelligent Solution for Defence Ministry (Text Analytics) & Sentiment Analysis of Tata Motors.

Name: Ravikumar Jain  
Internship: ANANTO Analytics  
Project: Bikes Sales Forecasting
Name: Sachin Singh  
Internship: ANANTO ANALYTICS  
Project: Hotel Project (Market segmentation & Future forecasting)

Name: Gaurav Chettiyar  
Internship: Derivados Consulting Pvt Ltd.  
Project: Strategy Model for Cash and Derivative mkt by using Trend and Regression analysis.

Name: Smita Bhingarde  
Internship: SBI (General insurance)  
Project: Competitive Analysis in Indian General Insurance Industry & Exposure Analysis.
Name: Kalpesh S. Lakhan
Internship: DENA Bank (Zonal Dept) Mumbai

Name: Meghna Mazumdar
Internship: Reserve Bank of India (DSIM, Mumbai)
Project: Analysis of Asset and Liabilities Portfolios of Banks in India

Name: Sayalee More
Internship: Reserve Bank of India (DSIM, Mumbai)
Project: Inflation Expectation survey of Households
Name: Akshay Sawant
Internship: SBI (General Insurance)
Project: Competitive Analysis in Indian General Insurance Industry & Exposure Analysis.

Name: Parita Shah
Internship: Reliance General Insurance.
PLACEMENTS: Sector Wise Distribution 2013 - 2014

- **Scientific Process Organization**
  - Sciformix
  - Tata Technologies
- **Reinsurance/insurance**
  - Willis
  - Capita
- **Consultancy**
  - TCS
  - Cartesian
- **Marketing/ Advertising Services**
  - Rediffusion - Wunderman
## CONTACT DETAILS

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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<tbody>
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Thank You