



## Transforming your passions to worthwhile endeavors

- » B.Sc.(Applied Mathematical Computing)
- » B. Sc. (Data Science)
- » B. Sc. (Applied Statistics & Analytics)

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- » M.Sc. (Applied Statistics & Analytics)
- » M.Sc. (Data Science)
- » M.Sc. (Statistics & Data Science)

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- » Ph.D. (Statistics)

# About Nilkamal School of Mathematics, Applied Statistics & Analytics (NSOMASA)

The School was created to be the Center of Excellence and to develop technically skilled manpower in the domain of Applied Computational Mathematics, Applied Statistics and Analytics to provide quality education and research. The School offers Graduate (B.Sc.), Postgraduate (M.Sc) and Doctoral (Ph.D.).



## Program Overview

NSOMASA programmes are designed to create graduates with strong Mathematical background oriented towards knowledge & technical skill demanded by job markets today. These are reviewed and updated every three years to make them more relevant. Each programme is uniquely designed with well-defined programme outcomes, exit level outcomes and competitive job opportunities. The programmes offered, aims to inculcate a culture of research among the students. This unique feature is overseen by ensuring completion of one research project of two credits in two or more semesters under this programme.

## Rankings

Rankings by Analytics India Magazine to graduate and postgraduate programs:

Rank **2nd** 2023  
M.Sc. (Applied Statistics & Analytics)

Rank **2nd** 2022  
M.Sc. (Statistics & Data Science)

Rank **3rd** 2021  
B.Sc. (Applied Statistics & Analytics)

## Program Outcomes



The program gives students a foundation for organized and critical thinking. Students can analyze problems and formulate appropriate mathematical models in a variety of areas of mathematics.



Students are able to select and utilize appropriate mathematical technology, enabling them to analyze mathematical problems in a wide variety of areas.



Enables excellent training in areas of Applied Mathematics to equip students with a range of mathematical skills in coding, project work and presentation.



Students get an opportunity to interact with our cutting edge research community to develop skills such as problem solving, computation, abstract thinking and data analysis.



The skills and knowledge gained has an intrinsic beauty, leading to proficiency in analytical reasoning. This can be utilized in modelling and solving real life problems.



The programme enhances students' employability for jobs in not only academia but also banking, insurance and investment sectors, data analysis, as well as in various other public and private enterprises.

## Infrastructure



Classroom



Library



Canteen

## Programs Offered

### Graduate Programs

Program	Campuses	Intake	Duration
<b>B.Sc. (Applied Mathematical Computing)</b>	Mumbai	30	4 years full-time
<b>B.Sc. (Applied Statistics &amp; Analytics)</b>	Mumbai	60	4 years full-time
<b>B.Sc. (Data Science)</b>	Mumbai	40	4 years full-time

\*These are four year full-time programs offering an Honor's Degree. Students are provided with an exit option after three years.

### Eligibility Criteria

- HSC or equivalent Board with minimum 50% aggregate in any stream with Mathematics / Statistics / Mathematics & Statistics (Science / Commerce / Arts).
- Candidate with IB Diploma is eligible only if he / she has offered Mathematics / Mathematics & Statistics at SL / HL.

### Admission Process

Scan QR codes to register



Online Mathematical  
Sciences Test (MST) Examination



Valid SAT/ACT Scores

### Postgraduate Programs

Program	Campuses	Intake	Duration
<b>M.Sc. (Statistics &amp; Data Science)</b>	Mumbai	60	2 years full-time
<b>M.Sc. (Applied Statistics &amp; Analytics)</b>	Mumbai	60	2 years full-time
<b>M.Sc. (Data Science)</b>	Mumbai	30	2 years full-time

### Eligibility Criteria

- **For M.Sc. (Applied Statistics & Analytics) / M.Sc. (Statistics & Data Science):** Bachelor's degree in Statistics from any recognized University / Institute with a minimum of 50% aggregate marks or equivalent grade" or
- **For M.Sc. (Applied Statistics & Analytics) / M.Sc. (Statistics & Data Science):** Bachelor's degree with Statistics as one of the subjects in the final year with minimum 50% aggregate marks or a minimum CGPA of 3 out of 4" or
- **For M.Sc. (Applied Statistics & Analytics):** Bachelor's degree in any stream other than mentioned under (i) above with minimum 50% aggregate marks or a minimum CGPA of 3 out of 4. The candidate must have passed 10 + 2 or equivalent examination with Mathematics / Mathematics & Statistics / Statistics as a compulsory subject with minimum 50% marks in the subject"
- **For M.Sc. (Data Science):** Bachelor's degree in Mathematics / Computer Science / Information Technology/ Data Science/Artificial Intelligence/ Computer Application from any recognized University/institute with a minimum of 50% aggregate marks or equivalent grade
- Final Year Examination students can also apply

### Admission Process

Written Examination and Personal Interview by NMIMS

## Doctoral Programs

Program	Campuses	Intake	Duration
Ph.D. (Statistics)	Mumbai	10	3 - 6 years

### Eligibility Criteria

- Master's degree in Statistics / Applied Statistics or a professional degree declared equivalent to the Master's degree in Statistics by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade.
- An equivalent degree from a foreign educational Institution accredited by an Assessment and Accreditation Agency

### Career Opportunities

A career in mathematics education can be very rewarding and typically offers ample opportunities for professional development and growth. Educators make a difference in the lifelong learning experience of their students, as well as, the quality and standards of the programs they teach.

### Top Recruiters

HDFC Bank	Accenture	Crisil	IDFC First Bank	Kotak Mahindra Bank
amazon India	RBL Bank	Emcure	Pfizer	Reserve Bank of India
ZS Associates	Deloitte	Citi Bank	OYO	Mahindra Logistics
KPMG	SBI	Axis Bank	Worley	Union Bank of India
Unilever	Abbott	Glenmark	Yes Bank	Aditya Birla

### Profiles Offered

Big Data Engineer	Consultant	Deputy Manager	Media Analytics Manager
Business Analyst	BI Analyst	Content Strategist	Data Analyst
Actuarial Analysts	Market Researcher	Human Capital Analyst	Data Scientist
Quant Analyst	Quantitative Researcher	Risk Analyst	Management Trainee

### Package Details

Packages ranges between 4 Lakhs to 22 Lakhs per annum.

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