



Turning Passion to Purpose

- » B.Sc. (Applied Mathematical Computing)
- » B.Sc. (Data Science)
- » B.Sc. (Applied Statistics & Analytics)
- » M.Sc. (Applied Statistics & Analytics)
- » M.Sc. (Data Science)
- » M.Sc. (Statistics & Data Science)
- » Ph.D. (Mathematics)
- » Ph.D. (Statistics)
- » Ph.D. (Data Science)

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

The School was created to be a 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.) programs.



Program Overview

The NSoMASA (Nilkamal School of Mathematical and Statistical Analytics) offers cutting-edge programs designed to prepare graduates with a robust foundation in Mathematics, Statistics, and Analytics. These programs seamlessly blend theoretical rigor with practical applications, equipping students with the knowledge and technical expertise required in today's competitive job market.

Our curriculum is thoughtfully reviewed and updated every three years, ensuring alignment with the latest industry trends and technological advancements. Each program is uniquely structured with well-defined learning outcomes, exit-level competencies, and a clear focus on building career-ready professionals. The programmes offered, aim to inculcate a culture of research among the students. This unique feature is overseen by ensuring the 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)
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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.Sc. (Applied Mathematical Computing)	Mumbai	30	4 years full-time
B.Sc. (Applied Statistics & Analytics)	Mumbai	60	4 years full-time
B.Sc. (Data Science)	Mumbai	60	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 24 credits compulsory and has passed 3 subjects at Higher Level (HL) and 3 subjects at Standard Level (SL) from any stream.

Admission Process

Scan QR codes to register



NMIMS-MST

Valid SAT/ACT Scores

Online Mathematical Sciences Test (MST) Examination

Postgraduate Programs

Program	Campuses	Intake	Duration
M.Sc. (Statistics & Data Science)	Mumbai	60	2 years full-time
M.Sc. (Applied Statistics & Analytics)	Mumbai	60	2 years full-time
M.Sc. (Data Science)	Mumbai	40	2 years full-time

Eligibility Criteria

- M.Sc. (Statistics & Data Science):** Candidate must hold a **Bachelor's degree in Statistics** or Statistics as one of the subjects in the final year with a minimum of 50% aggregate marks or equivalent grade. **OR** Candidate must hold a **Bachelor's degree with Statistics as one of the subjects in the final year** with minimum 50% aggregate marks or equivalent grade.
- M.Sc. (Applied Statistics & Analytics):** Candidate must hold a **Bachelor's degree in Statistics or Statistics as one of the subjects in the final year** with a minimum of 50% aggregate marks or equivalent grade. **OR** The candidate must hold a bachelor's degree in any stream with a minimum of 50% aggregate marks or equivalent grade. The candidate must have passed 10 + 2 or equivalent examination with Mathematics / Mathematics & Statistics / Statistics as a compulsory subject with a minimum 50% marks in the subject.
- M.Sc. (Data Science):** Candidate must hold a **Bachelor's degree in Mathematics / Computer Science / Information Technology / Data Science / Artificial Intelligence** from any recognized University / institute with a minimum of 50% aggregate marks or equivalent grade. **OR** Candidate must hold a **Bachelor of Computer Application (BCA)** with a minimum 50% aggregate marks or equivalent grade. **OR** Candidate must hold a **Bachelor of Engineering (BE) / B. Tech degree in Computer Science / Information Technology / Data Science / Artificial Intelligence** from any recognized University / institute with a minimum of 50% aggregate marks or equivalent grade.

Admission Process

Written Examination and Personal Interview by NMIMS

Doctoral Programs

Program	Campuses	Intake	Duration
Ph.D. (Mathematics / Statistics / Data Science)	Mumbai	30	3 - 6 years

Eligibility Criteria

- Ph.D. Mathematics: Master's degree with Mathematics as a major subject from a recognised university with at least 55% marks in aggregate or its equivalent grade.
- Ph.D. Statistics: Master's degree in Statistics by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade
- PhD Data Science: Master's degree in Computer Science, Information Technology, Data Science and Artificial Intelligence or equivalent programs from a recognised university with at least 55% marks in aggregate or its equivalent grade

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

Amazon India	Accenture	Aditya Birla	Deloitte	Axis Bank
HDFC Bank	Citi Bank	IDFC First Bank	Reserve Bank of India	RBL Bank
Morgan Stanley	Yes Bank	Eli Lilly	Pfizer	Merck
D. E. Shaw	Worley	L&T Finance	ZS Associates	Abbott
Quantiphi	Munich Re	Crisil	Johnson & Johnson	Emcure

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.