



## **NILKAMAL SCHOOL OF MATHEMATICS, APPLIED STATISTICS & ANALYTICS**



**TRANSFORMING YOUR PASSIONS TO WORTHWHILE ENDEAVOR**

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

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## ABOUT THE SCHOOL

Nilkamal School of Mathematics, Applied Statistics & Analytics, NMIMS University (Deemed University) has launched several programs with the objective of enhancing the skills of numerous students and professionals in cutting-edge technologies. These courses combine theoretical and practical knowledge and are instructed by esteemed academicians, aiming to provide a comprehensive learning experience.

## PROGRAM DETAILS

NSOMASA has made departure from conventional higher education models by tackling two crucial challenges: the absence of interdisciplinary courses and the need for industry-relevant curriculum. NSOMASA provides students with the opportunity to enroll in courses spanning humanities, commerce, mathematics, statistics, and computer science, fostering a well-rounded educational experience.

Our School is affiliated to NMIMS University (Deemed University) and offers following programs towards the undergraduate courses:

NAME OF PROGRAMME	CAMPUS
M.Sc.(Applied Statistics and Analytics)**	MUMBAI
M.Sc.(Statistics & Data Science)**	MUMBAI
M.Sc.(Data Science )**	MUMBAI

**Duration** - All the above programs are of 2-year duration including **Industry Internship**

**\*\* Program will commence only if there are a minimum of 10 eligible candidates after the selection process.**

**Intake will be updated at the time of admission.**

**Program Fees:** Fees of year 2023 – 2024 is in Rupees. (for information only)  
Fees for current year (Batch 2024) will be intimated at the time of admission.

NAME OF PROGRAMME	FEES (p.a in Rs)
M.Sc.(Applied Statistics and Analytics)	Rs.2,50,000/-
M.Sc.(Statistics & Data Science)	Rs.2,50,000/-
M.Sc.(Data Science )	Rs.2,00,000/-

NSOMASA (post) graduate academic programs are delivered on a Semester system, which allows for concentrated work to be achieved across a 15-week time frame. Students are offered the chance to engage in a variety of courses, which expands their overall knowledge base. Additionally, students receive instruction in a broader array of subjects within their chosen specializations, which deepens their understanding in those areas.

## KEY FEATURES

**Foster Mathematical, Statistical researchers and Data Scientists who can support the foundation of an information society.**



The rapid progress of computers and the expansion of information technology are bringing about significant transformations in our lives and societies. In this increasingly interconnected world, computer science plays a pivotal role as the fundamental technology for constructing a vibrant and satisfying information-based society. NSoMASA is dedicated to nurturing Mathematical and Statistical researchers and Data Scientists who will contribute to establishing the bedrock of this information society.

## Advanced knowledge from Mathematics, Statistics and Computer Science with technologies



To acquire advanced knowledge including technology, the School has designed a curriculum built from three subject categories: **(a)** Mathematics, Statistics & Computer Science courses, which cover the fundamental topics in the discipline; **(b)** Advanced courses that open the door to cutting-edge topics; and **(c)** Programming courses that enable students to acquire various programming skills.

## Practical Training in Programming Languages



Software programs serve as the foundation for various systems such as Financial Analytics, People Analytics, Pharma Analytics, and many others. At the school, students receive comprehensive instruction that goes beyond programming in multiple languages. They are also provided with practical training to develop a profound comprehension of key concepts, including data structures, control structures, basic algorithms, and the principles underlying software design and development.

## Research Projects that foster creativity and expressive power



Upon reaching their second year, all students engage in project work under the supervision of academic mentors. Additionally, postgraduate students participate in internships during the final semester of their two-year program. Through conducting research and independently tackling challenges, students cultivate their creativity and enhance their ability to express themselves effectively.

## For Deeper, Wider Knowledge and Skills



At our School, over 80 percent of graduate students progress to postgraduate programs, enabling them to expand their knowledge, develop advanced research skills, and engage in various project-based learning. Some students choose to pursue their postgraduate studies internationally. Upon completion of the master's program, approximately 95 percent of postgraduate students enter the industry with the support of placement assistance.

## ELIGIBILITY CRITERIA & APPLICATION PROCESS

Those who have a desire to join the program offered by our school are required to follow the admission process as detailed below.

### WHO CAN APPLY?

#### M.Sc. (Applied Statistics & Analytics)

Candidate must hold a **Bachelor's degree in Statistics** from any recognized University / institute 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.

**OR**

Candidate must hold a **Bachelor's degree in any stream** other than mentioned under (i) above with minimum 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 minimum 50% marks in the subject.

#### M.Sc. (Statistics & Data Science)

Candidate must hold a **Bachelor's degree in Statistics** from any recognized University / institute 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. (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 minimum 50% aggregate marks or equivalent grade.

### Note:

- Candidates awaiting the results of the Final Year Examination may also apply.
- All Eligible candidates would have to appear for a Written Examination conducted at NMIMS, followed by a Personal Interview.
- Candidates who have cleared their graduation by doing a part-time course or through distance learning, correspondence courses, externally, open school from recognized University are eligible to apply & register as per UGC guidelines.
- Submission of AIU equivalence certificate to confirm the eligibility for the program is mandatory for those candidates who have completed their Under-Graduation from overseas Board/ Universities.

## APPLICATION PROCESS

To be considered for admission, candidates must submit their application along with a payment of non-refundable fees. Selected candidates will receive an offer of admission.

### Online registration and Payment of registration fee.

- Visit [www.nmims.edu](http://www.nmims.edu) for online registration
- Pay registration fee of Rs. 2500 / - **per program**
- Registration fee is non-refundable / non-transferable.
- Before filling the online form, please read all the instruction carefully mentioned in instruction sheet & important dates

### Note:

Please upload below mentioned list of documents before personal interview scheduled. It is important and primary requirement to upload the mandatory documents before Entrance test.

### List of Documents:

- Degree Marksheet & Certificate (for passed candidate) (attested photocopies)
- 12<sup>th</sup> Marksheet
- 10<sup>th</sup> Marksheet

### Important Instruction:

Candidate's application form will not be considered if they fail to upload the above-mentioned document. Last date to upload above document **15<sup>th</sup> June 2024**

## REGISTRATION FEES AND IMPORTANT DATES

Select your program from Below list. (Maximum 2 program)

List of Programs	Registration Fee (in Rs)
<ul style="list-style-type: none"> <li>▪ M.Sc. (Statistics &amp; Data Science)</li> <li>▪ M.Sc. (Applied Statistics &amp; Analytics)</li> <li>▪ M.Sc. (Data Science)</li> </ul>	Rs. 2500 / -

Following are important dates:

Sr. No	Activity	Date
1.	Online Registration on website <a href="http://www.nmims.edu">www.nmims.edu</a> ( <b>MSC ASA, MSC SDS &amp; MSC DS</b> )	Wednesday, 20-Dec-23
2.	Last date of online Registration	Sunday, 09-Jun-24
3.	Call letters will be available on candidate dashboard for Written Test and Personal	Wednesday, 12-Jun-24
4.	Conduct of <b>Written Test and Personal Interview</b> (details will be shared in call letter) * Separate test as per program selection. <b>PI common for MSC ASA &amp; MSC SDS and PI separate for MSC DS</b>	Written Test – 15 <sup>th</sup> June 2024 Personal Interview – 18 <sup>th</sup> , 19 <sup>th</sup> & 20 <sup>th</sup> June 2024
5.	Declaration of First Merit List (after 5.00 p.m.)	<b>Tuesday, 25-Jun-24</b>
6.	Document upload & Payment of Admission fees (first merit list)	26-Jun-24 to 30-Jun-24
7.	Declaration of Second merit list (If required)	<b>Tuesday, 02-Jul-24</b>
8.	Document upload & Payment of Admission fees (second merit list)	03-Jul-24 to 04-Jul-24
9.	Commencement of Program	Friday, 05-Jul-24
10.	Closure of Admission	Sunday, 21-Jul-24

**Note:** Candidates must check his/her eligibility before applying for the course. Kindly check website [www.nmims.edu](http://www.nmims.edu) regularly for updates.

**Refund Rule:** If a student chooses to withdraw from the program of study in which he / she is enrolled, the institution concerned shall follow the following five-tier system for the refund of fees remitted by the student.



## SELECTION PROCESS

Online Entrance Test (70 Marks) followed by Offline Personal Interview (30 Marks)

### A] Entrance Test (70 Marks)

Following is the syllabus of Entrance Test

#### a) M.Sc. (Applied Statistics & Analytics)

Part	Description	Marks
A	<b>Common Aptitude based MCQ</b> (Logical reasoning, Quantitative Aptitude, English Language)	20
B*	<b>Subject / Domain Specific MCQ</b> (Basic Statistics, Probability Theory and Distributions, Statistical Inference, Sampling Theory, Operations Research, Time Series Analysis, Multivariate Analysis, Biostatistics, Sectorial Applications of Statistics)	50
Total		70

#### b) M.Sc. (Statistics & Data Science)

Part	Description	Marks
A	<b>Common Aptitude based MCQ</b> (Logical Reasoning, Quantitative Aptitude, English Language)	20
B*	<b>Subject / Domain Specific MCQ</b> (Basic Statistics, Probability theory and Distributions, Statistical Inference, Sampling Theory, Design of Experiments, Operations Research)	50
		70

#### c) M.Sc. (Data Science)

Part	Description	Marks
A	<b>Common Aptitude based MCQ</b> (Logical Reasoning, Quantitative Aptitude, English Language)	20
B*	<b>Subject / Domain Specific MCQ</b> (Sets, Relations and Functions, Sequences and Series, Matrices, Permutation and Combination, Probability and Statistics, Interpretation using - Graphs, Bar charts, Pie charts, Venn Diagrams, Core python)	50
		70

\* Syllabus will be as per the undergraduate courses.

- Duration: one and half hour (90 Minutes)
- All Questions are compulsory & in multiple choice format
- No negative marking

## B] Personal Interview (PI): 30 marks

Personal interviews will be conducted for the above programs.

Merit list will be based on combined score of written test & Personal Interview.

- a) Candidates who have applied for the program will have to appear for the Entrance test of respective program separately and
- (i) Personal Interview will be common for; M.Sc. (Applied Statistics & Analytics) and M.Sc. (Statistics & Data Science) programs and
  - (ii) Personal interview will be separate for M.Sc. (Data Science) program

The details will be shared in the call letter.

## REFUND RULES

If a student chooses to withdraw from the program of study in which he / she is enrolled, the institution concerned shall follow the following five-tier system for the refund of fees remitted by the student.

Sr. No.	Percentage of Refund of Aggregate fees*	Point of time when notice of withdrawal of admission is received in the Higher Educational Institutions (HEI)
1	100%	15 days or more <b>before</b> the formally-notified last date of admission
2	90%	Less than 15 days <b>before</b> the formally-notified last date of admission
3	80%	15 days or less <b>after</b> the formally notified last date of admission.
4	50%	30 days or less, but more than 15 days, <b>after</b> formally notified last of admission
5	00%	More than 30 days <b>after</b> formally notified last date of admission.

In case of (1) in the table above, the HEI concerned shall deduct an amount not more than 5% of the fees paid by the student, subject to a maximum of Rs. 5,000/- as processing charges from the refundable amount.

### Note:

1. The above refund rules are subject to revision as applicable.
2. Candidates to refer Important Dates of the respective programme & refer refund rules mentioned in the offer letter.

## IMPORTANT INSTRUCTIONS

- Please see the important dates and preserve it as a guide. All announcements from the University will be through its website [www.nmims.edu](http://www.nmims.edu) and there will be no separate mail sent. **Kindly check website for regular updates.**
- It is the sole responsibility of the candidates to ascertain whether they possess the necessary and requisite qualification for the admission to the courses at NMIMS.
- The Graduation examination should have been conducted before the program commencement date. Canvassing in any form will disqualify the candidate.
- Admission for appearing Candidates will be provisional till submission of Final Marksheet and will be confirmed on submission & if found eligible as per eligibility criteria.
- We need minimum 10 candidates to start a program.
- Candidate's uploaded documents will be verified online (if selected) & if found not eligible at any stage (even after the course commencement), admission will be cancelled and fees will be refunded as per refund rule clauses
- If at any stage, it is found that a candidate does not satisfy the eligibility criteria or the information furnished by him/her is incorrect, then the application for the admission to the Program, even if selected/admitted and fees paid, will stand cancelled and fees will be forfeited.
- Admission to the program is considered as **"Provisional Admission"** till all required and mandatory documents are submitted by the candidate and the same is verified and approved. If it is found that the candidate is not eligible at any stage (even after the course commencement), admission will be cancelled and fees will be refunded as per refund rule clauses even if selected/ admitted to the program.
- For cancellation/ withdrawal of admission: Withdrawal / cancellation means voluntary withdrawal / cancellation by candidate for any reason. Candidate has to upload cancellation form duly filled and signed, fees paid receipt copy & cancelled cheque (personal account) to mentioned link;  
**<https://upload.nmims.edu/admission/cancellation/>**
- NMIMS has full right to disqualify a candidate at any stage of admission process if found ineligible. All matters of dispute will be subject to the legal jurisdiction of Mumbai only.

## CONTACT INFORMATION

### **NMIMS Admission / Application / Technical related queries**

1. Toll Free No.: 18001025138 Monday to Saturday (except public holidays)
2. For any support and assistance kindly login to dashboard & raise query in my query section
3. Regarding any query related to program kindly email [admission.nsomasa@nmims.edu](mailto:admission.nsomasa@nmims.edu) or call 02242335184

### **In case of any query regarding exam scheduling or test center related please write:**

For any support and assistance kindly email: [nmimssupport@pearson.com](mailto:nmimssupport@pearson.com)

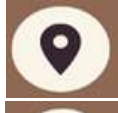
### Get In Touch With Us



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