**SVKM'S NMIMS**
**Deemed to be UNIVERSITY**

# NILKAMAL SCHOOL OF MATHEMATICS, APPLIED STATISTICS & ANALYTICS
## (Mumbai Campus)
## &
# SCHOOL OF MATHEMATICS, APPLIED STATISTICS & ANALYTICS
## (Navi Mumbai, Bangaluru, Hyderabad Campus)

## ADMISSION HANDOUT 2024



## TRANSFORMING YOUR PASSIONS TO WORTHWHILE ENDEAVOR

- B.Sc. (Applied Mathematical Computing)
- B.Sc. (Applied Statistics & Analytics)
- B.Sc. (Hons) Artificial Intelligence
- B.Sc. (Data Science)

# Contents

## ABOUT THE SCHOOL

Nilkamal School of Mathematics, Applied Statistics & Analytics and 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

School 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. School 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 & INTAKE OF SEATS | MUMBAI | NAVI MUMBAI | BANGALORE | HYDERABAD |
|---|---|---|---|---|
| B.Sc.(Applied Mathematical Computing) | 30 | Nil | Nil | Nil |
| B.Sc.(Applied Statistics and Analytics) | 60 | 60 | 30 | 30 |
| B.Sc.(Data Science) | 60 | 40 | 40 | 30 |
| B.Sc.(Honours) Artificial Intelligence | Nil | 30 | Nil | Nil |

* All the above courses are of 4-year duration as per NEP guidelines

**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 | Mumbai Fees | Navi Mumbai Fees | Bangalore Fees | Hyderabad Fees |
|---|---|---|---|---|
| B.Sc. (Applied Mathematical Computing) | 1,50,000 | NA | NA | NA |
| B. Sc. (Applied Statistics and Analytics) | 2,25,000 | 1,27,000 | 1,27,000 | 1,02,000 |
| B.Sc. Data Science | 1,52,000 | 1,20,000 | 1,20,000 | NA in 2023 |
| B.Sc.(Hon's)Artificial Intelligence | NA | 1,20,000 | NA | NA |

*NA = Not Applicable

All 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.
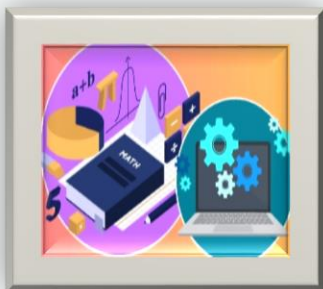
## KEY FEATURES

**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. The School 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?

- A candidate who has completed Class 12 (State /CBSE/ISC/IB -Boards for the year 2023 / 2024) or will be appearing for Class 12 (State /CBSE/ISC/ IB-Boards for the year 2023 / 2024) examination from any stream (Science/Commerce/Arts) with Mathematics and/ or Statistics as one of the subject.

- A candidate who has passed 10+2 or equivalent examination from International Baccalaureate Diploma (IB Certificate or DP or CP awarded candidates with 24 credits compulsory and has passed 3 subjects at Higher Level (HL) and 3 subjects at Standard Level (SL) mandatorily from any stream.

## 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.

Candidates aspiring to join any of the above programs will have to appear for the **NMIMS-MST** (Mathematical Science Test). This Entrance Test is a computer based online examination to be held at the test centers. Candidate have to give their test from Test Centers across various cities of India. Candidate needs to register for **NMIMS-MST**. The applicant has to ensure that they read all the instructions before registering.

**Note:**

Students have the option to enroll in these programs by submitting their SAT/ACT scores. If students are interested in these programs, they must complete a separate registration form. Alternatively, admission to these programs will also be considered based on either the NMIMS-NPAT or NMIMS-CET test scores. Candidates who have test scores from the aforementioned exams are not required to take the NMIMS-MST.

# NMIMS MST- 2024 REGISTRATION

**Following is the detailed process of form filling of NMIMS MST- 2024**

**1**

### INITIAL REGISTRATION
- Visit  www.nmims.edu/www.mst.in
- For registration click on "Apply Now" and create an account.
- Candidate to complete the registration
- Candidate   can register only once. Duplicate registration from same candidate will be rejected

**2**

### SELECT PROGRAM/CAMPUS SELECTION
- Select Program and campus preferences
- Candidate can select Maximum Two program and campus preferences

**3**

### PAY THE APPLICATION FEE AND COMPLETE THE PROCESS
- The registration fee is based on the number of retakes or no retake
- Only paid candidates will be allowed to schedule the examination
- Candidate can have chosen **1 main and 2 retake**. In all, a candidate will be given chance to appear **total 3 times.**

**4**

### SELECT TEST CENTER / TEST DATE
- After the successful registration and payment, the candidate will get options to schedule the examination by choosing the test date/s and test center.
- Test dates / Test center availability will be subject to Test center capacity.

**5**

### ADMIT CARD & E-MAIL CONFIRMATION
- Post scheduling of the examination the admit card is generated. The admit card shows the chosen date of examination, City and Test center.
- This is available on the dashboard of the Candidate. Kindly download the admit card by logging to your dashboard.
- Post scheduling of the examination, the confirmation mail from (pearsonvueconfirmations@pearson.com) will be sent to candidate's registered email ID. The same email / admit card needs to be presented at the test center at the time of test. Candidate will receive separate email for each exam scheduled.

# REGISTRATION FEES AND IMPORTANT DATES

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

| Test category | List of Programs | Registration Fee Structure | | |
|---|---|---|---|---|
| | | First attempt | RETAKE-1 | RETAKE-2 |
| NMIMS-MST | **Select your program from Below list. (Maximum 2 program)**<br>▪ B.Sc. (Applied Mathematical Computing)<br>▪ B.Sc. (Applied Statistics & Analytics).<br>▪ B.Sc. (Data Science<br>▪ B.Sc. (Hons) Artificial Intelligence. | 2000 | 2000 | 2000 |

**Following are important dates for** NMOMS MST-2024 examination:

| Sr. No. | Particulars | Start date | Closure date |
|---|---|---|---|
| 1 | Online registration | Friday, 1st December 2023 | Saturday, 25th May 2024 |
| 2 | Examination date Scheduling window availability<br>Those who register from 20th May 2024 to 25th May 2024 will have only one exam (main exam) and retakes NOT allowed. | From 1st March 2024 ~~10th April 2024~~ to 30th May 2024 | |
| 3 | Conduct of online computer based Examination at test centers | Friday,1st December 2023 to Saturday,25th May 2024 | |
| 4 | Merit list declaration | The dates will be available on website by first week of June-2024 | |

# AT THE DAY OF NMIMS- MST 2024 TEST

- Candidates should reach the test center at least 30 minutes before the time of examination

- Candidate needs to show the Admit card (soft /hard copy) to the Test center staff

- The verification staff at the test center will compare the photograph on the admit card with the person appearing for the examination. Therefore, candidate is requested to upload their recent photograph to avoid any confusion at the test center.

- Candidate also needs to carry any one original ID proof along with its photocopy to the test center.

  **List of ID proof that candidate can carry to the test center are as below:**
  *Voters ID / Passport / Aadhaar Card / 12th Admit Card with photo/ PAN Card /*
  *Driving License (Learner license will not be accepted)*

- The name on the original Government ID must exactly match with the name mentioned on the appointment confirmation email.

- Candidate will be allowed to attend computer-based test only on the scheduled date/ time

# NMIMS- MST 2024 EXAMINATION PATTERN

NMIMS**- NMIMS-MST** Examination will comprise of 3 sections as follows and there are **No Negative marks**:

| Sections | Test | No. of Questions | Time in Minutes | Total Marks |
|---|---|---|---|---|
| 1 | **Mathematics & Statistics** 15 Questions (10 Multiple Choice Questions of 1 marks + 5 Multiple Choice Questions out of 10 questions of 2 marks) | 15 | | 20 |
| 2 | **Data Interpretation & Logical Reasoning** 15 Questions (10 Multiple Choice Questions of 1 marks + 5 Multiple Choice Questions out of 10 questions of 2 marks) | 15 | 90 | 20 |
| 3 | **Proficiency in English Language** 10 Questions (10 Multiple Choice Questions of 1 marks) | 10 | | 10 |
| | **Total** | **40** | **90** | **50** |

# NMIMS- MST 2024 EXAMINATION SYLLABUS

The **NSOMASA MST -2024** test will be conducted on the basis of NCERT syllabus for 10th, 11th and 12th class. The detailed syllabus is given below. Candidates may refer to the NCERT textbooks for the contents.

**1. Mathematics & Statistics**

Sets, Relations and Functions, Quadratic Equation, Sequences and Series, Limits and Continuity, Matrices and determinants, Permutation and Combination, Probability and Statistics.

**2. Data Interpretation & Logical Reasoning**

Data Interpretation using - Graphs, Bar charts, Pie charts, Seating Arrangement, Clocks, Calendars, Venn Diagrams, Quantitative Reasoning, Puzzles, Statement logical operations and, or, implies, implied by, if and only if, understanding of tautology, contradiction, converse and contrapositive

**3. Proficiency in English Language**

Comprehension (unseen passage), Verbal Reasoning: Basic Sentence structure: Nouns, Pronouns, Adjectives, Verb Tense, Idioms & Idiomatic Expressions, Pronoun Agreement and Subject-Verb Agreement, Modifiers and Parallelism.

# NMIMS MST TEST CENTERS

| Sr. No | State | Test City |
|:------:|-------|-----------|
| 1 | Andhra Pradesh | Vijayawada, Rajahmundry |
| 2 | Assam | Guwahati |
| 3 | Bihar | Patna |
| 4 | Chhattisgarh | Raipur |
| 5 | Delhi | Delhi/New Delhi |
| 6 | Goa | Goa |
| 7 | Gujrat | Ahmedabad, Rajkot, Surat, Vadodara, Changa |
| 8 | Haryana | Faridabad, Gurugram, Karnal, Ambala Cantt. |
| 9 | Himachal Pradesh | Solan |
| 10 | Jharkhand | Jamshedpur, Ranchi |
| 11 | Karnataka | Bengaluru, Mysuru |
| 12 | Kerala | Kochi, Trivandrum, Ernakulam, Thrissur, Kohikode, Kottayam |
| 13 | Madhya Pradesh | Bhopal, Indore, Jabalpur |
| 14 | Maharashtra | Aurangabad, Mumbai, Nagpur, Nashik, Navi Mumbai, Pune, Shirpur, Sangli / Kolhapur, Thane, Kalyan |
| 15 | Odisha | Bhubaneshwar |
| 16 | Pudducherry | Pudducherry |
| 17 | Punjab | Amritsar, Chandigarh, Ludhiana |
| 18 | Rajasthan | Jaipur, Jodhpur, Kota, Udaipur |
| 19 | Tamil Nadu | Chennai, Coimbatore, Nagercoil, Salem |
| 20 | Telangana | Hyderabad, Secundrabad |
| 21 | Uttar Pradesh | Agra / Mathura, Ghaziabad, Greater Noida, Kanpur, Lucknow, Meerut, Varanasi |
| 22 | Uttarakhand | Dehradun |
| 23 | West Bengal | Kolkata |

**Provision for Physically Challenged Candidates**:

- The candidate must upload their Disability Certificate at the time of online registration.
- This will be reviewed and approved by the NMIMS authority.
- Post the approval, the candidate will get email on registered email ID. Further he / she can make the payment and schedule the examination.
- Appropriate assistance will be made available at the test center.

## SELECTION PROCESS

- Merit list will be based on performance of the candidates in NMIMS-MST. The best scores of NMIMS-MST will be considered for merit list process.
- The decision of the institute will be final in this regard and no inquiries or correspondence in this regard will be entertained

**Note:**

- Candidates are required to update 12th or equivalent exam or predicted marks after the admission process.
- Candidate will not be considered for merit list if they fail to update the correct information in the online registration form.
- It is the sole responsibility of the candidate to ensure that correct marks are entered.
- At any given point of time, if it is found that the information given by candidate i.e 12th or equivalent exam is incorrect, the candidate admission will be cancelled and fees will be refunded as per prescribed refund rules.

## 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 served to HEI |
|---------|------------------------------------------|------------------------------------------------------------------------|
| 1 | 100% | 15 days or more **before** the formally-notified last date of admission |
| 2 | 90% | Less than 15 days **before** the formally-notified last date of admission |
| 3 | 80% | 15 days or less **after** the formally notified last date of admission. |
| 4 | 50% | 30 days or less, but more than 15 days, **after** formally notified last of admission |
| 5 | 00% | More than 30 days **after** formally notified last date of admission. |

In case of (1) in the table above, the deduction will be 5% of the fees paid as processing charges from the refundable amount, subject to a maximum of Rs 5,000/-.

**Note:**
**1.** The above refund rules are subject to revision as applicable.
**2.** Candidates to refer Important Dates of the respective program repeatedly to stay updated for the admission process

# IMPORTANT INSTRUCTIONS

- For cancellation/ withdrawal of admission: Withdrawal /cancellation means voluntary withdrawal/cancellation by candidate for any reason. Candidate should visit https://upload.nmims.edu/admission/cancellation/

- Canvassing in any form for admission will disqualify the candidature.

- If at any stage, it is found that a candidate does not satisfy the eligibility criteria or the information furnished by him/her in the application form is incorrect, his/her admission to the course, even if selected, will stand cancelled and fees will be refunded as per refund rule clauses.

- 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.

- **We need minimum 10 candidates to start a program**.

- All matters of dispute will be subject to the legal jurisdiction of Mumbai only.

- The candidate must have appeared for all his subject(s) / exams before the commencement of the respective program (s) of NMIMS (Deemed to be University). The examination of none of the subjects should be held after the commencement of the respective course.

- Candidates whose final mark sheet of the qualified examination is not available at the time of their provisional admission, is required to submit their final marksheet copy as soon as the result declared. In such case, if the candidate fail to meet the required eligibility criteria then his admission will be cancelled and the fees will be refunded as per NMIMS refund rules (even after course commencement).

- Admission to 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.

# 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

**In case of any query regarding exam scheduling or test center related please write:**
For any support and assistance kindly email: nmimssupport@pearson.com  / **share contact No.**

I/C Deputy Registrar          Additional Registrar          Dean (NSOMASA)

Pro-Vice Chancellor           Pro-Vice Chancellor           Vice Chancellor