

# NMMS Orientation



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भारत सरकार  
Government of India

शिक्षा मंत्रालय  
Ministry of Education

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Department of School Education & Literacy



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## National Means-cum-merit Scholarship Scheme

Home > National Means-cum-merit Scholarship Scheme > National Means-cum-merit Scholarship Scheme

1 minute, 54 seconds

### Overview

The Central Sector Scheme 'National Means-cum-Merit Scholarship Scheme' was launched in 2008, after getting approval from CCEA, with the objective to award scholarships to meritorious students of economically weaker sections to arrest their drop out at class VIII and encourage them to continue their education at secondary stage. One lakh fresh scholarships are awarded to selected students of class IX every year and their continuation / renewal in classes X to XII for study in State Government, Government-aided and Local body schools under the scheme. The amount of scholarship is Rs. 12000/- per annum from 1st April 2017 (earlier it was Rs. 6000/- per annum).



### Schemes

- ▶ Overview
- ▶ Guidelines
- ▶ Circular/Orders/Notifications
- ▶ ICT Interventions
- ▶ Events
- ▶ Photo Gallery

The Cabinet has approved continuation of the Scheme from FY 2021-22 to FY 2025-26 with total allocation of Rs.1827 crores.

# AGENDA



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- **What is NMMS ?**
- **Eligibility**
- **Procedure to Apply**
- **Pattern and syllabus**
- **Exam details**
- **Past year NMMS success**
- **Questions?**



# What is NMMS?

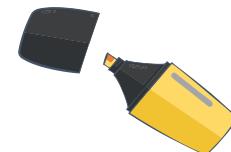
- National Means cum Merit Scholarship scheme
- Ministry of Education scheme under MHRD
- Test to be conducted for Students of
- Government and Government Aided Schools
- Grants Scholarship of Rs 12,000/- per yr for 4 years from class 9th to 12th.
- Promote Higher education
- Reduce school dropout rate



**Merit Cum Means Scholarship**  
Government of India



$$a^2 + b^2 = c^2$$



# ELIGIBILITY CRITERIA

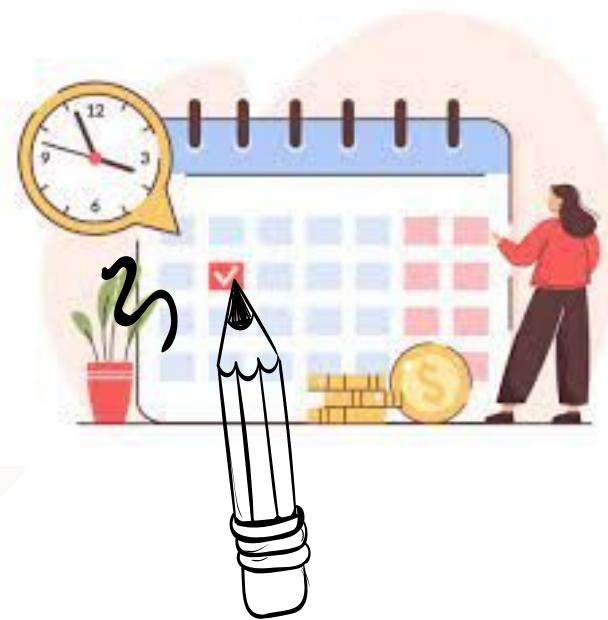


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- Students currently in 8<sup>th</sup> standard
- Government or Government aided school
- Not valid for Morarji, Jawahar, Navodaya, KV etc.
- 55% in class 7<sup>th</sup> or grade B and above, 5% relaxation for SC/ST and physically challenged
- Parental annual income < Rs 3,50,000
- Aadhaar Card holder
- To be eligible for scholarship in the forthcoming years
- At Least 55% in 8<sup>th</sup>, 9<sup>th</sup> and at least 60% marks in 10<sup>th</sup> and 11<sup>th</sup>, continue in Govt and aided institutions only
- According from last year result 67 marks for ST, 68 for SC, 72 for OBC and 74 for General Students

# Procedure to Apply

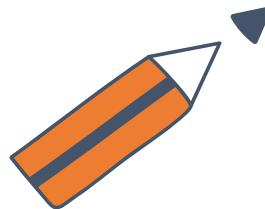
- Watch out website State Education Web Site for Dates.
- Application notification – August/September
- School HM/Teacher to upload the information providing student's details
- Documents required for application process are:
  - Passport size Photograph
  - Income certificate
  - Caste certificate
  - Class 7 Marks Card
  - Adhaar card
  - Bank Account in any Nationalised bank



# Exam Pattern



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**NMMS**

**(G)MAT**

**SAT**

**(General) Mental Ability Test**  
**90 Minutes, 90 Questions, 90 Marks**

**Scholastic Aptitude Test**  
**90 Minutes, 90 Questions, 90 Marks**

- Date of Exam – November 2024 to January 2025
- Exam Conducted by State Government / UT
- 1 Lakh scholars annually in India with Rs. 360 Cr. budget / Yr.

# Syllabus



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## GENERAL MENTAL ABILITY TEST (GMAT):

### Chapters covering

- Number Series
- Letter series
- Analogies
- Coding - decoding
- Pattern Perception
- Non-verbal figures

## SCHOLASTIC APTITUDE TEST: (SAT)

- Science, Mathematics and Social Science as taught i (complete) and 8th std (1<sup>st</sup> Semester)
- Science - 35 Marks (Physics, Chemistry, Biology)
- Social Science - 35 Marks (History, Geography, Political Science)
- Mathematics - 20 Marks

# नेशनल मीन्स-कम-मेरिट छात्रवृत्ति परीक्षा (NMMS)

## हिन्दी मीडियम

**भाग-1: मानसिक योग्यता परीक्षा (MAT)**

**भाग-2: शैक्षिक योग्यता परीक्षा (SAT)**

(विज्ञान • सामाजिक विज्ञान • गणित • हिन्दी)



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## NATIONAL MEANS CUM MERIT SCHOLARSHIP NMMS

$N$	$N^2$	$N^3$	$N \cdot N$	$N^4$	$N^5$	$N^6$	$N^7$	$N^8$	$N^9$	$N^{10}$	$N^{11}$	$N^{12}$	$N^{13}$	$N^{14}$	$N^{15}$	$N^{16}$
0	0	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12
1	1	1	0	2	2	3	4	5	6	7	8	9	10	11	12	13
2	4	8	2	6	5	6	7	8	9	10	11	12	13	14	15	16
3	9	27	6	12	10	11	12	13	14	15	16	17	18	19	20	21
4	16	64	12	20	17	18	19	20	21	22	23	24	25	26	27	28
5	25	125	20	30	26	27	28	29	30	31	32	33	34	35	36	37
6	36	216	30	42	37	38	39	40	41	42	43	44	45	46	47	48
7	49	343	42	56	50	51	52	53	54	55	56	57	58	59	60	61
8	64	512	56	72	65	66	67	68	69	70	71	72	73	74	75	76
9	81	729	72	90	82	83	84	85	86	87	88	89	90	91	92	93
10	100	1000	90	100	101	102	103	104	105	106	107	108	109	110	111	112



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## National Means Cum Merit Scholarship (NMMS)

### 1. EVEN NUMBERS

2, 4, 6, 8, 10, 12, 14, 16, 18, 20, ...

### 2. ODD NUMBERS

1, 3, 5, 7, 9, 11, 13, 15, 17, 19, ...

### 3. PRIME NUMBERS

Between 1 & 50

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47

Between 51 & 100

53, 59, 61, 67, 71, 73, 79, 83, 89, 97

### SQUARE NUMBERS

$$1^2 = 1$$

$$6^2 = 36$$

$$11^2 = 121$$

$$16^2 = 256$$

$$21^2 = 441$$

$$2^2 = 4$$

$$7^2 = 49$$

$$12^2 = 144$$

$$17^2 = 289$$

$$22^2 = 484$$

$$3^2 = 9$$

$$8^2 = 64$$

$$13^2 = 169$$

$$18^2 = 324$$

$$23^2 = 529$$

$$4^2 = 16$$

$$9^2 = 81$$

$$14^2 = 196$$

$$19^2 = 361$$

$$24^2 = 576$$

$$5^2 = 25$$

$$10^2 = 100$$

$$15^2 = 225$$

$$20^2 = 400$$

$$25^2 = 625$$

### CUBE NUMBERS

$$1^3 = 1$$

$$6^3 = 216$$

$$2^3 = 8$$

$$7^3 = 343$$

$$3^3 = 27$$

$$8^3 = 512$$

$$4^3 = 64$$

$$9^3 = 729$$

$$5^3 = 125$$

$$10^3 = 1000$$

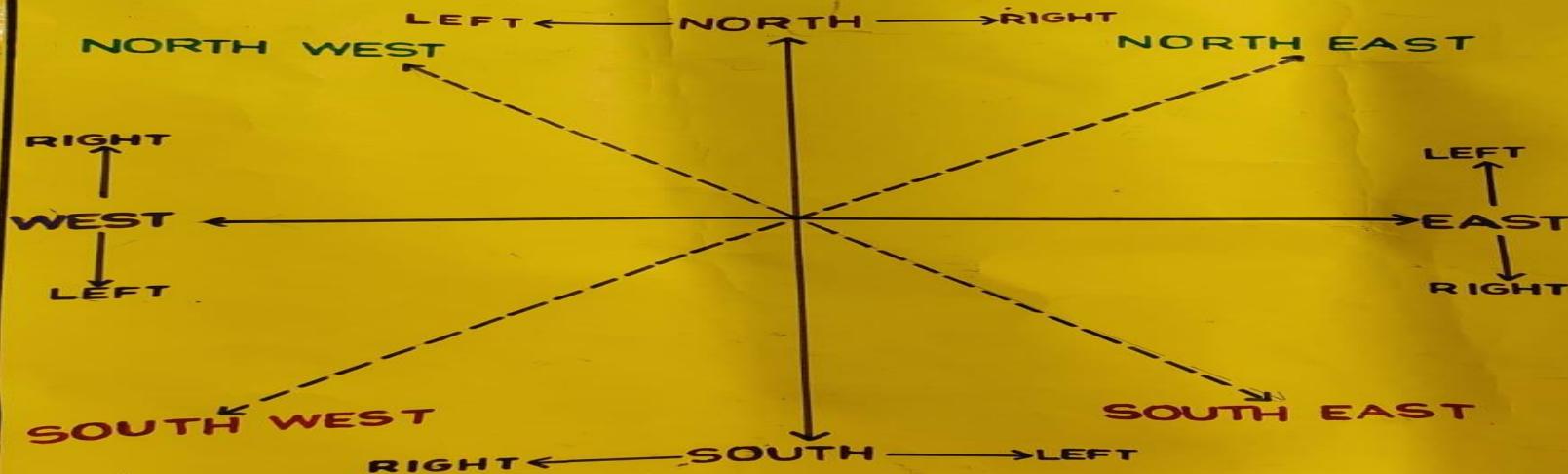


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## NATIONAL MEANS - CUM MERIT SCHOLARSHIP

### DIRECTIONS





# BODMAS RULE

- B** → Bracket - O or {}
- O** → Order or Power -  $2^5, 3^7, \sqrt{5}$
- D** → Division (÷)
- M** → Multiplication (×)
- A** → Addition (+)
- S** → Subtraction (-)

**B-Brackets**  
Complete anything in the Brackets first

**O-Orders**  
Not applicable for orders of - square roots  
indices etc.

**DxM - Division or Multiplication**  
Then do any divisions or multiplications  
(if both are in the same calculation,  
complete them left to right)

**A+S - Addition or Subtraction**  
Lastly complete any additions or  
subtractions (if both are in the same  
calculation, do them from left to right)



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## NATIONAL MEANS CUM MERIT SCHOLARSHIP

### NMMS

#### LETTER MASTER TABLE-1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

#### LETTER MASTER TABLE

A	B	C	D	E	F	G	H	I	J	K	L	M
Z	Y	X	W	V	U	T	S	R	Q	P	O	N

#### LETTER MASTER TABLE

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

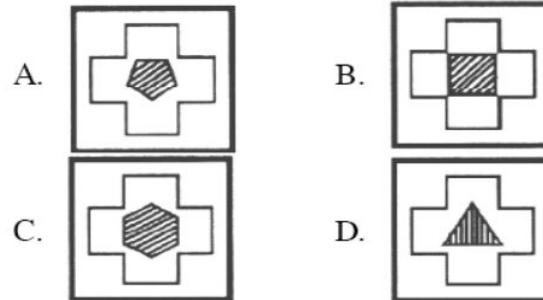
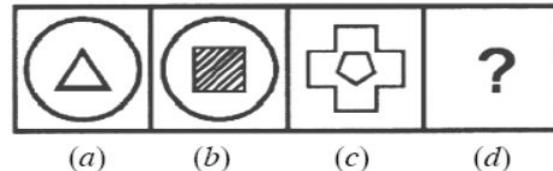
यदि 'CAT' शब्द को 'XZG' लिखा जाता है, तो 'FOX' को इसी कोड में किस प्रकार लिखा जा सकता है?

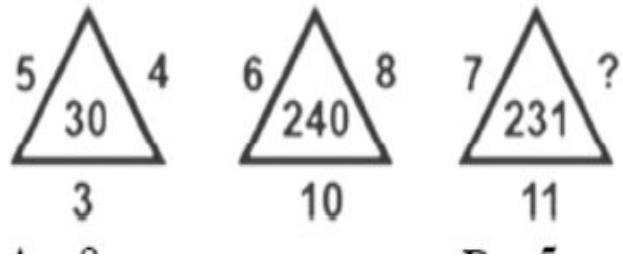
- A. GPY
- B. XOF
- C. HQA
- D. ULC

यदि 'MARCH' शब्द का कोड 41938 है, तो 'JULY' का कोड किस प्रकार से होगा?

- A. 3271
- B. 1337
- C. 52049
- D. 30827

समस्या चित्र





7. 

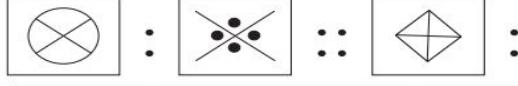
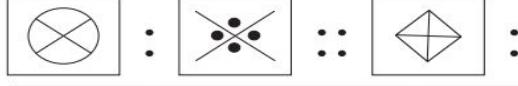
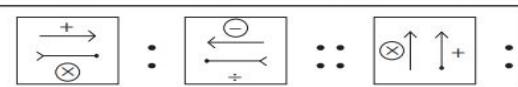
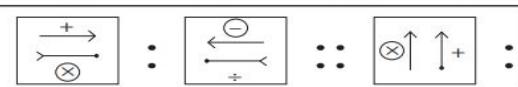
## 1. ANALOGY OF FIGURES / ಒತ್ತಗಳ ಸಾಮ್ಯತೆ

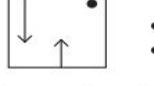
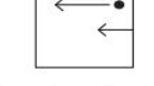
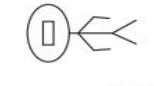
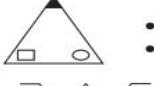
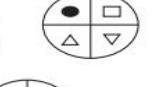
### Directions:

In the given questions, there is some relationship between the first two figures. The same relationship holds good for the second set of figures of which one is missing. Find the correct answer from the given options.

### ಸೂಚನೆಗಳು:

ನೀತಿಯ ಪ್ರಶ್ನೆಗಳಲ್ಲಿ ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಯಲ್ಲಿಯೂ ಮೊದಲ ಎರಡು ಆಕೃತಿಗಳಿಗೆ ಸಂಬಂಧವೆದೆ. ಇದೇ ಸಂಬಂಧವಿಯ ಎರಡು ಆಕೃತಿಗಳಲ್ಲಿ ಒಂದನ್ನು ಕೊಟ್ಟರುವದಿಲ್ಲ. ಕೊಟ್ಟರುವ ಆಕೃತಿಗಳಲ್ಲಿ ಸರಿಯಾದ ಆಕೃತಿಯನ್ನು ಅಷ್ಟು ಮಾಡಿ.

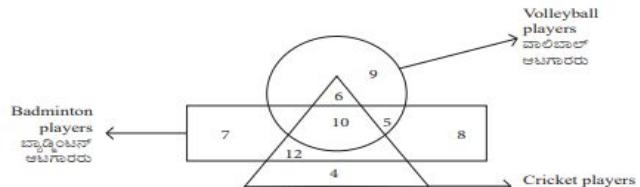
1					?
2					?
3					?

5					?
6					?
7					?
8					?

## 5. INTERSECTING FIGURES / ಫೇದಿಕುವ ಅಕ್ಷರಿಗಳು

**Directions :-** The following questions are based on the given Intersecting figures each represents a group

I.



1. The total number of cricket players who are badminton players.  
A) 22 B) 26 C) 42 D) 32

ಮೂರನೇ ಅಟಗಾರರಾಗಿರುವ ಒಟ್ಟು ಕ್ರೀಡೆ ಅಟಗಾರರ ಸಂಖ್ಯೆ

A) 22 B) 26 C) 42 D) 32

2. The total number of volleyball players who are both badminton players and cricket players.  
A) 18 B) 20 C) 07 D) 10

ಬಾಂಡಿಂಟನ್ ಮತ್ತು ಕ್ರೀಡೆ ಅಟಗಾರರಾಗಿರುವ ಒಟ್ಟು ವಾರಿಬಾಲ್ ಅಟಗಾರರ ಸಂಖ್ಯೆ

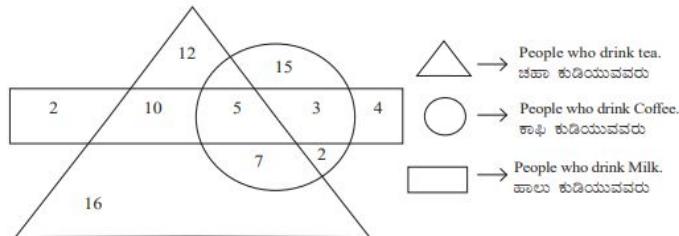
A) 18 B) 20 C) 07 D) 10

3. The number '9' represents.  
A) Volleyball players  
B) Only volleyball players  
C) Volleyball players who are not cricket players  
D) Volleyball players who are not badminton players

ಸಂಖ್ಯೆ '9' ಪ್ರತಿನಿಧಿಸುವುದು.  
A) ವಾರಿಬಾಲ್ ಅಟಗಾರರು  
B) ವಾರಿಬಾಲ್ ಅಟಗಾರರು ಮಾತ್ರ  
C) ಕ್ರೀಡೆ ಅಟಗಾರರಲ್ಲದ ವಾರಿಬಾಲ್ ಅಟಗಾರರು  
D) ಬಾಂಡಿಂಟನ್ ಅಟಗಾರರಲ್ಲದ ವಾರಿಬಾಲ್ ಅಟಗಾರರು



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The total number of people who drink tea, coffee and milk are.

A) 15 B) 19 C) 5 D) 8

ಹೊ, ಕಾಫಿ ಮತ್ತು ವಾಲನ್ನು ಉದಿಯುವವರ ಒಟ್ಟು ಸಂಖ್ಯೆ.

A) 15 B) 19 C) 5 D) 8

The total number of people who drink both tea and coffee.

A) 5 B) 12 C) 15 D) 22

ಹೊ ಮತ್ತು ಕಾಫಿ ಎರಡನ್ನೂ ಉದಿಯುವವರ ಒಟ್ಟು ಸಂಖ್ಯೆ.

A) 5 B) 12 C) 15 D) 22

The total number of people who drinks only coffee is.

A) 15 B) 17 C) 20 D) 32

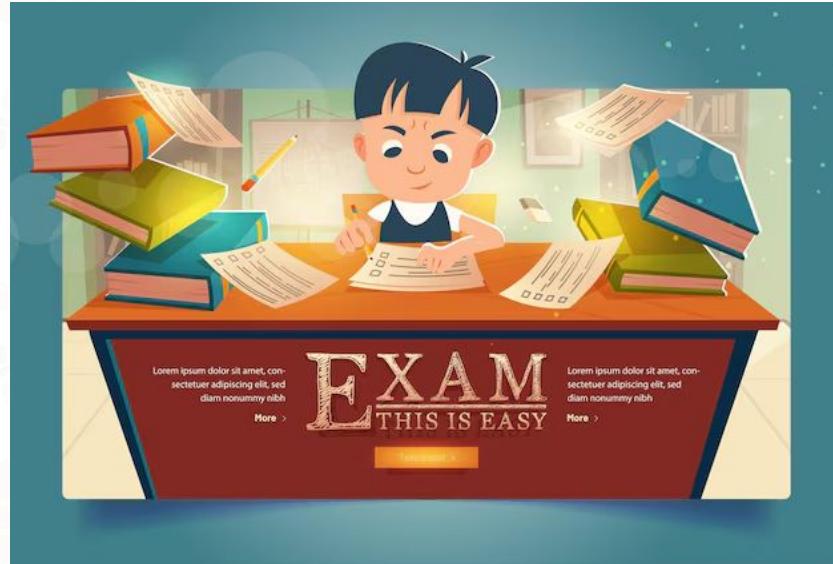
ಕಾಫಿಯನ್ನು ಮಾತ್ರ ಉದಿಯುವವರ ಸಂಖ್ಯೆ.

A) 15 B) 17 C) 20 D) 32



# Exam Details

- Exam Date – Nov / Dec / Jan
- Questions in English and the State's official language
- Timings
  - 90 mins (GMAT)
  - 90 mins (SAT)
- Paper + Pen based
- MCQ type questions – OMR sheet for answers
- Hall Tickets and Exam Centers





# YFS Intervention for NMMS Program

- Teacher training across the state on demand from the Dept.
- Providing NMMS books to schools
- Coordinate NSP activities and support schools
- Orientation for school HMs / Teachers for NMMS.
- Collaborating with local Education Dept.
- Master trainers in YFS.
- Presentations in colleges and corporates.
- Volunteers will put in 30-40 hours efforts weekdays/weekends



No of Volunteers / Teachers	No of Students trained	No of students qualified	Scholarship 2023-24
3,593	31,777	2,410	11.57 Cr.

State	Qualified
Karnataka	625
Madhya Pradesh	199
AP + Telangana	714
Bihar	165
Uttarakanda	280
Delhi	337
Gujarat	42
Odisha	26
Haryana	22



# Tips on classroom management



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- Dress appropriately & Be confident
- Prepare well before the class
- Start with introduction of your topic and why it is important for them
- Show them a dream (importance of the scholarship)
- Start with simple questions
- Identify troublemakers and make them the leader
- Boost confidence of students
- Tricks to solve difficult problems
- Recognition and Reward
- Know all students by their names
- Fortune cookie in the end of class
- Ask for more ways to solve a problem



# VM / EDUCATION TEAM



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- VM National Head -  
Smt. Arunmayee J.- 79950 26321
- National Education Coordinator  
Ashwinikumar - 9019023834.



# EDUCATION PROGRAMS (2024-25)



- NMMS
- Spoken English
- Career Guidance (10th Std)
- Computer Education
- Yoga & Meditation
- ERP (Employability Readiness Program)



