

# nst

NATIONAL SKILLS TEST

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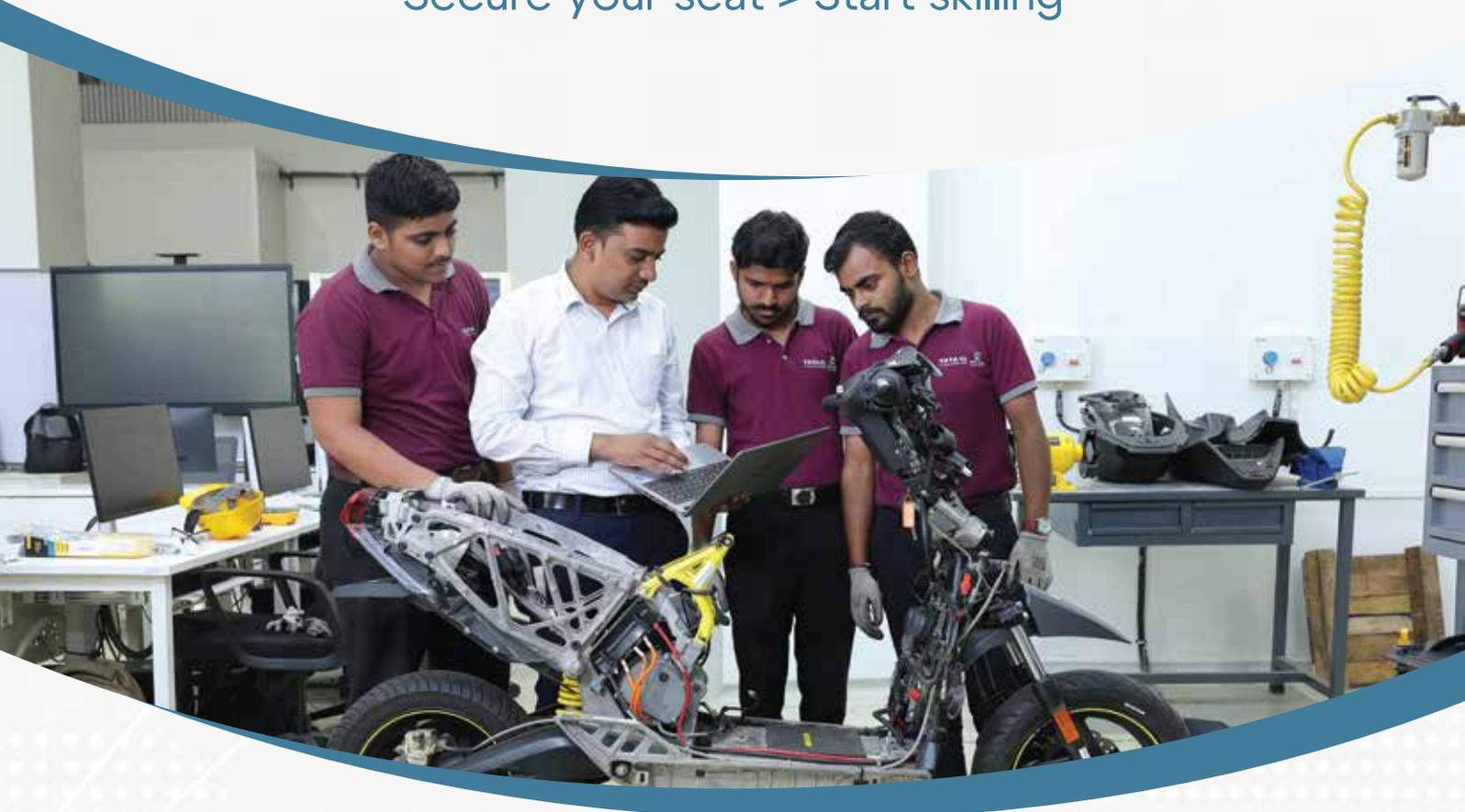
Engineering? **JEE**. MBA? **CAT**.  
Job-ready skills? **NST**.



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# NST TEST STRUCTURE AT A GLANCE

Skill Category Programs	Behavioural Skills (How you behave, work with others, stay disciplined, and handle tasks responsibly.)	Maths (How well you understand numbers, calculations, and solve quantitative problems.)	Reasoning (How logically you think, identify patterns, and solve problems step by step.)	English (How well you understand grammar, vocabulary, and everyday English usage.)	Technical Basics (Basics of Mechanical, Electrical, and Physics concepts used in real industrial systems.)	Duration	Marks
IRPx	30 mins Not scored	30 mins 20 Qs 2.5 marks/Q 50 marks	30 mins 20 Qs 2.5 marks/Q 50 marks	NA	NA	90 mins	100 marks
IRP	30 mins Not scored	30 mins 20 Qs 2.5 marks/Q 50 marks	30 mins 20 Qs 2.5 marks/Q 50 marks	NA	NA	90 mins	100 marks
IRP+	30 mins Not scored	30 mins 20 Qs 2.5 marks/Q 50 marks	30 mins 20 Qs 2.5 marks/Q 50 marks	NA	NA	90 mins	100 marks
DAP	30 mins Not scored	25 mins 20 Qs 2 marks/Q 40 marks	25 mins 20 Qs 2 marks/Q 40 marks	10 mins 10 Qs 2 marks/Q 20 marks	NA	90 mins	100 marks
DAP+	30 mins Not scored	25 mins 20 Qs 2 marks/Q 40 marks	25 mins 20 Qs 2 marks/Q 40 marks	10 mins 10 Qs 2 marks/Q 20 marks	NA	90 mins	100 marks
ASP	30 mins Not scored	25 mins 20 Qs 2 marks/Q 40 marks	25 mins 20 Qs 2 marks/Q 40 marks	10 mins 10 Qs 2 marks/Q 20 marks	30 mins 20 Qs 5 marks/Q 100 marks	120 mins	200 marks
ASP+	30 mins Not scored	25 mins 20 Qs 2 marks/Q 40 marks	25 mins 20 Qs 2 marks/Q 40 marks	10 mins 10 Qs 2 marks/Q 20 marks	30 mins 20 Qs 5 marks/Q 100 marks	120 mins	200 marks

# IRP

## INDUSTRY READINESS PROGRAM

**1. Behavioural Skills | 30 mins | Number of questions may vary**

**2. Maths | 30 mins | 20 questions**

Number system | Percentages | Profit & Loss | Ratio & Proportion  
Basic Mensuration | Basic numerical operations

**3. Reasoning | 30 mins | 20 questions**

Order detection | Basic logical operations | Coding-decoding | Direction sense  
Series completion | Numerical series | Odd one out (verbal & numerical)  
Identical elements (verbal) | Visual spatial odd elements



# IRP+ INDUSTRY READINESS PROGRAM +

**1. Behavioural Skills | 30 mins | Number of questions may vary**

**2. Maths | 30 mins | 20 questions**

Number system | Percentages | Profit & Loss | Ratio & Proportion  
Basic Mensuration | Basic numerical operation

**3. Reasoning | 30 mins | 20 questions**

Seating arrangement | Basic logical operations | Coding-decoding | Direction sense  
Series completion | Numerical series | Odd one out (verbal & numerical)  
Identical elements (verbal & numerical) | Visual spatial odd elements



# IRP<sub>x</sub> INDUSTRY READINESS PROGRAM <sub>x</sub>

**1. Behavioural Skills | 30 mins | Number of questions may vary**

**2. Maths | 30 mins | 20 questions**

Number system | Averages | Percentages | Profit and Loss | Ratio and Proportion  
Time and Work | Time Speed and Distance | Simple Interest | Basic numerical operations

**3. Reasoning | 30 mins | 20 questions**

Order detection | Seating arrangement (basic) | Direction sense | Basic logical operations  
Series completion (verbal & numerical) | Odd one out (verbal & numerical)  
Identical elements (verbal) | Visual imagery | Visual spatial odd elements  
Visual spatial series completion



# DAP

## DIGITAL APPLICATION PROGRAM

### 1. Behavioural Skills | 30 mins | Number of questions may vary

### 2. Maths | 25 mins | 20 questions

Number system | Averages | Simple interest | Compound interest | Percentages  
Profit & loss | Discount | Ratio & proportion | Time & work | Time, speed & distance  
Algebraic identities | Linear equations | Probability | Mensuration

### 3. Reasoning | 25 mins | 20 questions

Order detection | Equality-inequality | Seating arrangement | Basic logical operations  
Blood relations | Direction sense | Coding-decoding | Syllogistic logic  
Filling verbal information gaps | Series completion | Numerical series completion  
Odd one out (verbal & numerical) | Identical elements (verbal) | Visual imagery  
Visual spatial classification | Visual spatial series completion

### 4. English | 10 mins | 10 questions

Articles | Parts of speech | Sentences | Semantics | Idioms & phrases | Spellings



# DAP+

DIGITAL APPLICATION PROGRAM +

## 1. Behavioural Skills | 30 mins | Number of questions may vary

## 2. Maths | 25 mins | 20 questions

Definition-based questions | Application of numbers | Decimal & fraction | HCF & LCM  
Simplification | Percentage change | Ratio & proportion | Trade discount  
Multi-stage profit & loss | Weighted average | Speed (average/effective/relative)  
Application of SLE | Probability (theoretical & applications)  
Mensuration (2D & 3D figures) | Algebra (factorisation, higher degree polynomials, SLE)

## 3. Reasoning | 25 mins | 20 questions

Circular & straight-line arrangements | Days of week | Floor rise | Puzzles, Groups & strings of elements | Coded form & coded language | Cardinal & intermediate directions  
Verbal analogy | Verbal classification | Verbal series | Input-output | Visual imagery  
Visual spatial classification & series | Numerical analogy | Numerical classification  
Numerical series | Standard facts

## 4. English | 10 mins | 10 question

Definite & indefinite articles | Adjective | Adverb | Verb | Prepositions | Conjunctions  
Syntax and structure | Subject-verb concord | Word usage and understanding  
Synonyms | Antonyms | Idioms | Proverbs



# ASP

## APPLIED SKILLS PROGRAM

### 1. Behavioural Skills | 30 mins | Number of questions may vary

### 2. Maths | 25 mins | 20 question

Definition & concept-based questions | Application of numbers, Decimal & fraction  
HCF & LCM | Simplification | Percentage change | Ratio & proportion | Trade discount  
Multiple-stage profit & loss | Weighted average | Speed (average/effective/relative)  
Application of SLE | Probability (theoretical & applications) | Mensuration (2D & 3D figures)

### 3. Reasoning | 25 mins | 20 questions

Boxes, Rank-position | Straight line | Circular & square table | Textual reasoning  
(age/height/marks) | Direction sense | Coding-decoding | Statement-conclusion  
Data sufficiency | Verbal analogy/classification/series | Visual imagery | Visual spatial  
classification & series | Numerical classification & series | Standard facts

### 4. English | 10 mins | 10 questions

Articles | Parts of speech | Sentences | Subject-verb concord | Word usage &  
understanding

### 5. Technical basics | 30 Mins | 20 Questions

Force | Work | Energy | Power | Pressure | Linear & rotational motion | Unit conversions  
X-Y-Z representation | Basic mechanical quantities | Gears | Belts | Shafts | Bearings  
Linear/rotary/oscillatory motion | Hand tools | Ohm's law | Series circuits | KVL | KCL  
AC power & phase | Basic definitions



# ASP+ APPLIED SKILLS PROGRAM +

## 1. Behavioural Skills | 30 mins | Number of questions may vary

## 2. Maths | 25 mins | 20 questions

Definition & application-based questions | Weighted average & statistics | Decimal & fraction | HCF & LCM | Simplification | Percentage change | Ratio & proportion  
Trade discount | Multi-stage profit & loss | Speed (average/effective/relative)  
Application of SLE | Probability (theoretical & applications) | Mensuration (2D & 3D figures)

## 3. Reasoning | 25 mins | 20 questions

Circular & linear arrangements | Puzzles | Grouping & strings | Coding-decoding  
Direction sense | Verbal analogy/classification/series | Input-output | Visual imagery  
Visual spatial classification & series | Numerical analogy/classification/series  
Standard facts

## 4. English | 10 mins | 10 questions

Articles | Parts of speech | Syntax & structure | Sentences | Subject-verb concord  
Word usage | Synonyms | Antonyms

## 5. Technical basics | 30 Mins | 20 Questions

Force | Work | Energy | Power | Pressure | Thermal basics | Linear & rotational motion  
Unit conversions | X-Y-Z representation | Mechanical quantities | Gears | Belts | Shafts  
Bearings | Linear/rotary/oscillatory motion | Hand tools | Series & parallel circuits  
Ohm's law | KVL | KCL | AC power & phase | Passive components | PN junction diode  
Basic definitions

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