

# Aryabhatta National Maths Competition - 2025

Great Technology Scientist of Future INDIA - 2025 Search Program





Prize Money -Upto Rs.3 Lakhs



National
Certificate - For
Every
Participant





Please Note - All participants will receive a participation certificate, even if not selected in the final. This certificate is highly regarded in India and are awarded by AICTSD at the national level. The certificate holds substantial value and has the potential to significantly boost your academic and professional career.

## Syllabus - Class 4

#### **Decimals**

- Extending The Place Value Chart To Tenths
- Extending The Place Value Chart Hundredths And Thousandths
- Converting Fractions Into Decimals
- Converting Decimals Into Fractions
- Equivalent Decimals
- Expanded Form Of Decimals
- Comparing Decimals
- Addition Of Decimals
- Subtraction Of Decimals
- Use Of Decimals

#### **Fractions**

- Fraction On the Number Line
- Comparison of Fractions
- Equivalent Fractions
- Fraction of Collection of Objects
- Addition of The Fraction with The Same Denominator
- Addition of Fractions On the Number Line
- Subtraction of Fractions with The Same Denominator
- Subtraction on the Number Line

#### **Addition**

- Adding 4-Digit Numbers Without carrying Over
- Digit Addition with carrying Over
- Addition of Three Or More Numbers
- Properties of Addition

#### **Subtraction**

- Subtracting 4-Digit Numbers Without Borrowing
- Digit Subtraction with Borrowing
- Properties of Subtraction
- Addition and subtraction

#### Multiplication

- Multiplying 3- And 4-Digit Numbers by A 1-Digit Number
- Properties of Multiplication
- Multiplying By 10, 20, 30, ., 90

- Multiplying By 100, 200, , 900
- Multiplication Tables 11-20
- Distributive Property of Multiplication
- Multiplying by A 2-Digit Number

### India's Biggest Maths Competition by IIT Bombay Alumni

Through this competition, we are searching for the "Great Technology Scientist of Future INDIA – 2025" from the student community.

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