



**ALL INDIA COUNCIL FOR
TECHNICAL SKILL DEVELOPMENT**
अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

Aryabhatta National Maths Competition - 2024

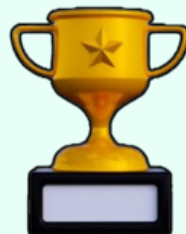
Great Technology Scientist of Future INDIA – 2024 Search Program



**Prize Money -
Upto Rs.3
Lakhs**



**National
Certificate - For
Every
Participant**



**National
Trophy**



National Medal

Please Note - All participants will receive a participation certificate, even if not selected in the final. These certificates are 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

Time

- The Calendar
- The Clock
- A.M And P.M
- Conversion Of Time

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
- Use Of Decimals
- Subtraction Of Decimals

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

Division

- Properties of Division
- Dividing A 2-Digit Number by A 1-Digit Number
- Dividing A 3-Digit Number by A 1-Digit Number
- Division with Remainder

- Relationship Between Divisor, Dividend, Quotient and Remainder

Money

- Conversion Of Rupees Into Paise
- Conversion Of Paise To Rupees
- Addition Of Money
- Subtraction Of Money

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

Averages

- Averages

Numbers

- Digit Numbers
- Representing 1000 On The Abacus
- Place Value
- Place Value And Expanded Form
- Ordering Of Numbers

- **Odd And Even Numbers**
- **Successor And Predecessor**
- **Roman Numerals**