



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

# **Aryabhatta National Maths Competition - 2024**

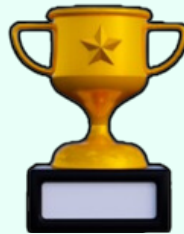
Great Technology Scientist of Future INDIA – 2024 Search Program



**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. 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 10

### Rational Numbers

- Introduction
- Need For Rational Numbers
- What Are Rational Numbers?
- Positive And Negative Rational Numbers
- Rational Numbers On A Number Line
- Rational Numbers In Standard Form

### Area And Volume

- Area
- Finding Area When Whole Squares Are Not Covered
- Perimeter
- Volume
- Volume Of A Cube
- Volume Of A Cuboid

### Comparing Quantities

- Introduction
- Equivalent Ratios
- Percentage Another Way Of Comparing Quantities

- Use Of Percentages
- Prices Related To An Item Or Buying And Selling
- Charge Given On Borrowed Money Or Simple Interest

## Time & Work

- Problem on time & work calculation
- Finding the Number Of Days From One Date To Another
- Railway And Air Timings
- Time Intervals

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

Through this competition, we are searching for the " **Great Technology Scientist of Future INDIA – 2024** " from the student community.

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