



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

Syllabus

All India Entrance Test For " Space Automation Program "

College Category

- Time

- Units Of Time
- Conversion Of Time - Hours And Minutes
- Conversion Of Time - Minutes And Seconds
- Conversion Of Time - Bigger Units
- Addition Of Time
- Subtraction Of Time
- The 24 - Hour Clock
- Time Intervals
- Calendar

- Money, Profit And Loss

- Money
- Conversion Of Rupees And Paise
- Addition And Subtraction Of Money
- Multiplication And Division Of Money
- Profit And Loss
- Finding Selling Price
- Finding Cost Price

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● Percentages

- Expressing Fractions As Percentages
 - Converting Percentages To Fractions
 - Expressing Percentages As Decimals
 - Expressing Decimals As Percentages
 - Finding Percentage Of A Number
 - Money And Metric Measures As Percentages
 - Why Do We Use Percentages?
-

● Simple Interest

- Rate Of Interest
-

● Area And Volume

- Area
 - Finding Area When Whole Squares Are Not Covered
 - Area Of Irregular Shapes
 - Area Of A Rectangle Or Square
 - Finding Length Or Breadth
 - Perimeter
 - Volume
 - Volume Of A Cube
 - Volume Of A Cuboid
-

● Ratio And Proportion

- Introduction
 - Ratio
 - Proportion
-

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- Unitary Method

- **Perimeter And Area**

- Introduction
- Squares And Rectangles
- Area Of A Parallelogram
- Area Of A Triangle
- Circles
- Conversion Of Units
- Applications

- **HCF & LCM**

- HCF
- LCM
- Prime Factorization
- HCF By Prime Factorizations
- LCM By Prime Factorizations
- LCM By Division Method

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