

Indian Institute of Technology Ropar (IIT Ropar) Syllabus

IIT Ropar Non-Teaching Syllabus - Computer Knowledge

- MS Word, Microsoft OneNote
- Microsoft Access
- Introduction to Computer Science
- Boolean Algebra
- Computer Networks
- Emerging Technologies and Web Publishing
- PC Software and Office Automation
- Database Management System
- Data Structures
- MS PowerPoint
- MS Visio and MS Excel
- Microsoft Outlook
- The Internet
- Workplace Productivity Tools
- MS Project, Microsoft Publisher

Indian Institute of Technology Ropar (IIT Ropar) Reasoning Syllabus

Verbal Reasoning

- Analogy
- Series Completion
- Verification of truth of the Statement
- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha- Numeric Sequence Puzzle
- Puzzle Test
- Blood Relations
- Coding- Decoding
- Assertion and Reasoning
- Arithmetical Reasoning
- Operations of Mathematics
- Venn Diagrams
- Word Sequence
- Missing Characters
- Sequential Output training
- Directions
- Test on Alphabets
- Eligibility Test

Non-Verbal Reasoning

Indian Institute of Technology Ropar (IIT Ropar) Syllabus

- Dot Situation
- Identical figure groupings
- Forming figures and analysis
- Construction of squares and Triangles
- Series
- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice
- Water Images
- Mirror Images
- Figure Matrix
- Completion Incomplete Pattern
- Spotting embedded figures
- Classification
- Rules Detection

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- Indian History
- Indian Culture & Heritage
- Current Events – National & International
- Indian Polity
- Indian Constitution
- Science & Technology
- Indian Geography
- IT & Space etc
- Indian Economy

IIT Ropar Non-Teaching Syllabus - Mathematical Ability (Aptitude)

- Line Graphs.
- Profit and Loss.
- Percentages.
- Mensuration.
- Data Sufficiency.
- Data Interpretation.
- Averages.
- Data Analysis.
- Decimal & Fractions.
- Problems on Ages.
- Time and Distance.
- Boats & Streams.
- Line Graphs.
- Bar Graphs.
- Clocks.

Indian Institute of Technology Ropar (IIT Ropar) Syllabus

- Tables.
- Pie – Charts.
- Bar Graphs.
- Case lets.
- Roots.
- Pie Charts.
- HCF & LCM.
- Logarithms.
- Probability.
- Simplification.
- Pipes & Cisterns.
- Heights & Distances Partnership.
- Number System.
- Problems on Trains.
- Permutation & Combination.
- Ratio and Proportions.
- Mixtures & Allegations.
- Volume & Surface Area.
- Time and Work.
- Simple & Compound Interest.

Indian Institute of Technology Ropar (IIT Ropar) General Hindi Syllabus

- तत्सम एवं तद्भव देशज विदेशी (शब्द भंडार)
- अनेकार्थी शब्द
- क्रियाएँ
- विलोम शब्द
- पर्यायवाची शब्द
- वर्तनी
- हिंदी भाषा के प्रयोग में होने वाली अशुद्धियाँ
- मुहावरे एवं लोकोक्तियाँ
- संधि समास
- रस.
- वाक्यांशों के लिये एक शब्द निर्माण.
- लोकोक्तियाँ एवं मुहावरे.
- अलंका
- शब्द-रूप
- अर्थबोध
- हिंदी वर्णमाला विराम चिन्ह
- शब्द रचना वाक्य रचना अर्थ
- वाक्यसंशोधन- लिंग, वचन, कारक, काल, वर्तनी, त्रुटि से संबंधित

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- Spellings/Detecting Mis-spelt words
- Antonyms and its correct usage
- Common Error

Indian Institute of Technology Ropar (IIT Ropar) Syllabus

- Active/Passive Voice of Verbs
- Comprehension Passage
- Spot the Error
- Cloze Passage
- Fill in the Blanks
- Shuffling of Sentence parts
- Conversions
- Sentence Rearrangement
- Grammar
- Shuffling of Sentences in a passage
- Improvement of Sentences
- Synonyms/Homonyms
- Antonyms
- Vocabulary
- Idioms & Phrases
- One word substitution