

PrepMastery

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Tech Mahindra



Tech
Mahindra



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Introduction

ABOUT COMPANY:

Tech Mahindra is an Indian multinational information technology services and consulting company. It is part of the Mahindra Group, and is headquartered in Pune, with its registered office in Mumbai.

Tech Mahindra has over 146,000 employees across 90 countries. It was ranked #5 in India's IT firms and overall No. 47 on Fortune India 500 list for 2019.

Tech Mahindra isn't just about fixing technical snags; they specialise in crafting innovative solutions to propel companies through digital transformation. Their expertise spans consulting services, outsourcing IT operations, and optimising business processes to achieve maximum efficiency. This comprehensive approach caters to a diverse range of industries, from the backbone of communication networks to the smooth functioning of finance and manufacturing sectors.

PILLARS:

- **Rise for a more equal world**
 - Climate change
 - Inclusion
 - Ethics
- **Rise to be future ready**
 - Customer-focused
 - Technology
 - Innovation
- **Rise to create value**
 - Entrepreneurship
 - Scale
 - Impact

Founder:

While Tech Mahindra itself wasn't founded by a single individual, its roots trace back to the vision of Anand Mahindra, the chairman of the Mahindra Group. Established in 1945, the Mahindra Group holds a diversified portfolio, and in 1986, Anand Mahindra saw an opportunity in the burgeoning IT sector. Through a joint venture with British Telecom, he played a pivotal role in creating Mahindra British Telecom, the precursor to Tech Mahindra.

Year of Establishment:

Tech Mahindra, established in 1986, boasts a rich history in the IT industry. Originally formed as a joint venture between Mahindra & Mahindra and British Telecom, it began as Mahindra British Telecom (MBT). Over time, Tech Mahindra emerged as an independent entity, solidifying its position as a leader in IT solutions.

Services provided:



FLEX Digital Workplace Services	Generative AI
Enterprise Network Service	Artificial Intelligence
Cloud Services	Testing Services
Data Center Services	Intelligent Automation
Enterprise Security Services	Cyber Security

Tech Mahindra Campus Recruitment Process(Part -1)

Roles Offered:

- Software Engineer
- Project Manager

Eligibility criteria:

- **60%** throughout 10th, 12th, Degree B.E/B.Tech (CSE/IT)
- No backlogs

• Rounds:

- Five Rounds are conducted in the following manner

1. Written Test:

- The first round in the Tech Mahindra Recruitment Process is a written test to evaluate a candidate's Aptitude and Technical skills.
- It consists of the following three sections:
 - i. Aptitude
 - ii. Essay Writing in English
 - iii. Technical Test

2. Psychometric Test:

- In the Tech Mahindra interview process, a Psychometric Test is taken for the candidates who clear Round one.
- This round is a personality psychometric that is used to assess work behaviour.
- This round is a non-elimination round in which there is a written test (now online) with around eighty questions for the candidates to solve in about 20/30 minutes.

3. Technical Written Test:

- The students who clear the second written round are called for an interview.
- In this round, they generally ask you to optimize the codes you did in the second written round.
- You may also be asked questions about data structures, algorithms, and SQL. You may also be asked puzzles in this round.

Tech Mahindra Campus Recruitment Process(Part -2)

4. Technical interviews:

- This round will likely include questions about any part of the candidate's study. To pass this level, you must have a strong understanding of computer science fundamentals.
- A candidate should be familiar with data structures, algorithms, database management systems, operating systems, networking, object-oriented programming concepts, and their preferred programming language (e.g., C++, Java, Python).
- Candidates from branches other than computer science should study topics relevant to their profession.
- During the interview, Computer Science candidates will be tested on their coding skills. The panel will also ask questions about your résumé, so be sure you know what you've included on your CV. This round may also include puzzle-related questions..

5. HR Round:

- The candidates who have cleared 'Interview' will appear for the HR Round.
- FAQ:
 - Tell me about a time when you worked effectively under pressure.
 - What interests you most about this position?
 - Tell me about Yourself / About Family

Tech Mahindra Aptitude Syllabus

The topics on which the Tech Mahindra Aptitude syllabus is based on are:

- Profit and Loss
- Ages
- Time and Work
- Speed Time and Distance
- Simple Interest
- Compound Interest
- LCM and HCF
- Permutation & Combination
- Probability

Tech Mahindra Technical Test Syllabus

The topics on which the Tech Mahindra Technical Test syllabus is based on are:

- **Computer Programming**
- **Computer Science**
- **Automata Fix**


Resources

Here are some of the resources you can refer for preparation of a specific topic.

- **Profit and Loss**
 - <https://youtu.be/T2odvmxqi1I?si=vHUV8XBr3BR6v2wk>
- **Ages**
 - https://youtu.be/tJHl73PBnwY?si=QZ_GyPC8kWqGR5QM
- **Time and Work**
 - <https://youtu.be/KE7tQf9spPg?si=oxOfOxOyLSd88NWw>
- **Speed Time and Distance**
 - <https://youtu.be/jzNxXm5twx4?si=D5VGb6IBsCiBpRKM>
- **Simple Interest**
 - https://youtu.be/jvRq87ZWzIk?si=ajjw3nB6yDJqram_
- **Compound Interest**
 - https://youtu.be/PbUZnzncmR4?si=JC_DYTPgWIAEEMjc
- **LCM and HCF**
 - <https://youtu.be/xyyejjYeILM?si=x8Q7CFIKLkq2AKLC>
- **Permutation & Combinatio**
 - <https://youtu.be/ETiRE7N7pEI?si=HPrCecXZuGWh5FXr>
- **Probability**
 - <https://youtu.be/ximxxERGSUc?si=ne5FMp6vo9KYLvc->

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