

**IT JOB
SELECTION PROCESS FOR
TCS**

TATA CONSULTANCY SERVICES

About the Company

Tata Consultancy Services (TCS) is a leading IT service, consulting and business solution provider. A Multi National Company founded in 1968 and has presence in 46 countries. The company is a part of the TATA group and is head quartered in Mumbai, India & Mr Natrajan Chandrasekaran is the current CEO of the company. The company registered a net profit of Rs 6413 cr for the quarter ending in March 2016 and reported annual revenues crossing trillion rupees for the financial year 2016. The Company today has over 3 lakh employees and is the second largest employer among listed Indian Companies. TCS is known for providing its employees a friendly work environment and promotes gender diversity.

TCS hires employees for entry level and experienced roles. Entry level employees are selected using campus drives/ off campus drives.

Eligibility for entry level jobs

For Entry level candidates TCS offers a choice to apply for Information technology(IT) or Business Process Services(BPS).

The general eligibility criteria for Graduates to attend the TCS selection is as follows.

- Candidates with B.E /B. Tech / M.E / M.Tech degree through full time course across streams.
- B.Sc, B.A, B.Com, BCA graduates who have done MCA.
- Minimum of 60% marks in the first attempt across 10th, 12th, Degree or any diploma is required.
- No standing arrears / backlogs should be there during the TCS selection process.

Candidates interested in applying for a job with TCS can click on the below mentioned site and create a profile to enroll for drives.

<https://nextstep.tcs.com/campus/>

Note: The above Information is based on the details available with us.

TCS SELECTION PROCESS

The TCS selection process for Fresher's in the year 2016-17 is as follows. It is compulsory for the candidates to clear each round before going to the next round.

Selection Process:

Round1	Online test
Round2	Technical Interview
Round3	HR Interview

Round 1: Online Test

No: of Sections: 2

Section 1: E-Mail Writing

No: of questions: 1

Duration: 10 minutes

Section 2: Analytical Ability

No: of questions: 30

Duration: 80 minutes

Negative Marking: Yes (0.33marks will be deducted for every wrong answer)

E-Mail Writing

This is a simple test that will be conducted for 10 minutes. They will give a set of 10 keywords and using the keywords a passage should be framed within 100 words. Candidates will be assessed in this round based on the proper usage of the given keywords and grammar.

Analytical Ability

Topics to focus:

Number theory , Ratio and proportions , Ages , Mensuration , Probability, Time and work , Permutation and combination , Profit and loss , Time and distance, Averages, Logical reasoning, puzzles

Round 2: Technical Interview

TCS technical Interview round mainly assesses the basic technical knowledge of the student. Students should brush up their knowledge in C, C++, Data structures and Java before attending this round. Interviewer may also check the basic coding skills of candidates by asking them to write basic programs. Questions based on final year project will be asked, and so one should have a thorough understanding of their college project before attending the interview. A few questions from the resume of the candidate will also be asked. Basic communication skills is a must to clear this round.

Some of the frequently asked questions in this round are given below.

- What is your strongest programming language?
- Differences between C and Java?
- What exactly is a digital signature?
- What is decryption and encryption?
- What is static identifier?
- What are enumerations?
- What do you know about the garbage collector?
- What is java Applet?
- What is user defined exception in Java?
- What is an interrupt?
- What is scope of a variable?
- Differentiate between Compiler and Interpreter?
- Explain the difference between 'operator new' and the 'new' operator?
- Const char *p , char const *p What is the difference between the above two?
- What is debugger?
- What is cache memory ?
- What are the different storage classes in C?
- Advantages of a macro over a function
- What is command line argument?
- What are the advantages of inheritance?
- What are the differences between structures and arrays?
- What is the difference between an array and a list?
- What is the difference between realloc() and free()?
- Tell me something about abstract classes?
- What is friend function?
- What do you mean by inline function?
- What is function overloading and operator overloading?
- what is function overloading
- What is the difference between null and void pointer?
- What is pointer?
- What is the difference between class and structure?
- Difference between pass by reference and pass by value?

- Difference between function and procedure
- Explain recursive function & what is the data structures used to perform recursion?
 - What is a spanning Tree?
 - What is Doubly link list?
 - What is Insertion sort, selection sort, bubble sort
 - What is data structure?

Round 3: HR Interview

This is the final round in the selection process. This is a friendly round and questions based on family background, Interests/hobbies of the candidates etc are asked. Interviewers try to understand the willingness of the candidate to work and the attitude of the candidate. A few frequently asked questions in this round are given below .

- Tell me about your Family background
- What are your Strengths and weakness
- Are you willing to relocate
- Why should I hire you?
- Tell me about your dream job?
- What will you do if you are not selected?
- Why TCS?

Based on the feedback received from participants in the TCS drives, it is understood that the main challenge in the TCS selection process is to clear the Online test and then the Technical Interview. The HR interview is generally considered easy for one who has cleared both the above. It is also believed that only 5 in 100 candidates get selected. Most people (over 70%) fail to clear the Written test.