

This pdf contains the required training and placement data of companies- TCS , Infosys, Accenture and JP Morgan.

Above companies come to on campus placement of our VIIT College.

INFOSYS

Infosys is a multinational information technology and consulting company headquartered in Bangalore, India. It is one of the largest IT services companies globally and a major player in the technology industry. Here's a short note about Infosys:

Founding and History:

Infosys was founded in 1981 by N.R. Narayana Murthy and a group of six other engineers in Pune, India.

It initially started as a small IT consulting and services company and has since grown into a global technology powerhouse.

1.1 Eligibility Criteria:

Candidates must have a minimum of 60% (6 CGPA) or above in Class 10th and Class 12th.

A minimum of 65% (6.5 CGPA) or above in Graduation is required.

Candidates should have no active backlogs or arrears at the time of the selection process.

A maximum education gap of 2 years between Class 10 and Graduation is allowed.

Candidates who have participated in any Infosys interview process in the last 9 months are not eligible.

1.2 Test Pattern:

The Infosys online test follows an adaptive test pattern.

The test includes sections on Mathematical Ability, Analytical Reasoning, Verbal Ability, Pseudo Code, and Puzzle Solving.

Each section has a specified number of questions and time limits, with varying levels of difficulty.

Test Sections:

Mathematical Ability: 10 questions in 35 minutes (Medium difficulty).

Analytical Reasoning: 15 questions in 25 minutes (Medium difficulty).

Verbal Ability: 20 questions in 20 minutes (High difficulty).

Pseudo Code: 5 questions in 10 minutes (High difficulty).

Puzzle Solving: 4 questions in 10 minutes (Medium difficulty).

Interview Rounds:

After clearing the online test, candidates proceed to the interview stage.

The interview process consists of two rounds: Technical Interview and HR Interview.

Online Test Requirements:

Candidates should log in within 15 minutes of the test slot start time.

System requirements include a functional webcam, at least an i3 Core processor, 4GB RAM, a stable internet connection, Google Chrome version 70 or above with a disabled pop-up blocker, and no use of mobile phones or calculators during the test.

2.1 Infosys Company Salary:

2.1.1. Software Engineer:

Experience: 1 - 6 years

Average Salary: ₹9,55,815 per year

Salary Range: ₹4.2 lakh per year to ₹18.1 lakh per year

Description: Software engineers are professionals responsible for designing, developing, and maintaining software applications and systems. They play a critical role in the technology sector.

2.1.2. Financial Analyst:

Experience: 3 - 9 years

Average Salary: ₹5,32,789 per year

Salary Range: ₹3.2 lakh per year to ₹6.8 lakh per year

Description: Financial analysts analyze financial data, assess economic trends, and provide insights to assist organizations in making informed investment and financial decisions.

2.1.3. Senior Software Engineer:

Experience: 5 - 12 years

Average Salary: ₹16,64,713 per year

Salary Range: ₹6.7 lakh per year to ₹26.5 lakh per year

Description: Senior software engineers are experienced professionals who lead software development projects, provide technical expertise, and mentor junior team members.

2.1.4. Quality Assurance Analyst:

Experience: 1 - 6 years

Average Salary: ₹7,79,690 per year

Salary Range: ₹3.4 lakh per year to ₹12.2 lakh per year

Description: Quality assurance analysts focus on testing and ensuring the quality and functionality of software products before they are released to customers.

2.1.5. Associate Software Engineer:

Experience: 0 - 3 years

Average Salary: ₹6,77,420 per year

Salary Range: ₹4.0 lakh per year to ₹9.2 lakh per year

Description: Associate software engineers are entry-level professionals who assist in software development, coding, and testing under the guidance of senior team members.

3 Infosys Interview experience

3.1. Eligibility Criteria and Preparation:

The student emphasizes the importance of meeting Infosys's eligibility criteria, including a maximum two-year education gap and specific academic percentages.

The minimum academic requirements are 60% in Class 10th and Class 12th and 65% in B.Tech, ensuring that candidates with strong academic backgrounds are preferred.

3.2. Interview Stages:

The interview process consists of two stages: the Written Test and the HR Interview.

3.3. Written Test:

The Written Test evaluates candidates in three key areas: Quantitative Aptitude, Logical Reasoning, and Verbal English.

The student notes that there was no negative marking but mentions the presence of a sectional cut-off, indicating that candidates need to perform well in each section.

The paper is described as tricky yet straightforward, suggesting that it challenges candidates while remaining manageable with the right preparation.

3.4. HR Interview:

The HR Interview is characterized by the student as more focused on HR questions than technical ones. The student's preparation includes dressing appropriately and displaying confidence during the interview.

The interviewer asks typical HR questions, such as self-introduction, strengths, and weaknesses, and why the student should be hired.

The interview also delves into the candidate's project experience and their motivation for choosing the IT field.

3.5. Successful Outcome:

The student successfully cleared the interview rounds and secured a job at Infosys.

The candidate acknowledges the role of preparation, mentioning that they prepared for such questions through PrepInsta, which provided valuable insights before the interview.

3.6. Key Takeaways:

This experience highlights the importance of meeting eligibility criteria and preparing for both technical and HR questions.

It underscores the value of good communication, analytical skills, and interpersonal abilities in the HR interview.

Candidates are encouraged to dress professionally and display confidence during the interview.

The experience suggests that Infosys values candidates who have a strong academic background and meet their specific criteria.

4. Infosys HR Interview Questions

4.1. Tell me about yourself:

This is a standard opening question. Provide a brief overview of your education, background, and any relevant experience or projects.

4.2. Why do you want to work for Infosys?

Be prepared to explain why you are interested in joining Infosys and what attracts you to the company.

4.3. What do you know about Infosys?

Research the company and its values, culture, and recent achievements. Discuss how Infosys aligns with your career goals.

4.4. Describe your strengths and weaknesses:

Highlight your strengths, such as problem-solving abilities, teamwork, or adaptability. For weaknesses, focus on areas where you're actively working to improve

.

4.5. Tell me about a challenging situation you faced and how you resolved it:

Provide a specific example of a challenge you encountered, your actions to address it, and the positive outcome.

4.6. Describe a project you've worked on:

Discuss a project from your academic or extracurricular activities, emphasizing your role, contributions, and what you learned from the experience.

4.7. What are your technical skills?

Mention the programming languages, tools, and technologies you are proficient in and how they align with the role you're applying for.

4.8. How do you handle pressure or tight deadlines?

Explain your approach to managing stress and meeting deadlines, possibly with an example from your past experiences.

4.9. Where do you see yourself in five years?

Share your career aspirations and how you envision your professional growth within Infosys.

4.10. Are you open to relocation or working in different locations?

Infosys has offices worldwide, so be ready to discuss your willingness to relocate or work at different locations if necessary.

4.11. How do you stay updated with the latest technology trends?

Mention any online courses, certifications, or tech-related communities you're involved in to demonstrate your commitment to staying current.

4.12. Do you have any questions for us?

Prepare thoughtful questions about Infosys, the role, or the team to show your genuine interest in the company.

Here the training and placement data of Infosys starts.

1.Accenture

From here the training and placement data of Accenture starts.

1.1 About Accenture company:

Accenture plc is a multinational professional services company that provides services in strategy, consulting, digital, technology and operations. A Fortune Global 500 company, it has been incorporated in Dublin, Ireland, since 1 September 2009.

- Industry -Professional Services
- Founded-1989; 30 years ago
- Current CEO- David P. Rowland (10 Jan 2019–)

1.2 Accenture Test

This test is designed to assess your communication, mathematical, verbal, reasoning, and logic skills. The test must be completed within the scheduled time and it is divided in two stages:

- Cognitive Ability and Technical assessment
- Coding assessment

Recruitment Process for Accenture 2023

Cognitive Ability:

- English Ability
- Critical Thinking and Problem Solving
- Abstract Reasoning

Section Analysis:

- No. of Questions: 50 MCQ
- Time allotted: 50 mins

Technical Assessment

- Common Application and MS Office
- Pseudocode
- Fundamental of Networking, Security and Cloud

Section Analysis:

- No. of Questions: 40 MCQ
- Time allotted: 40 mins

Coding Round:

Preferred programming languages

- C
- C++
- Dot Net
- JAVA
- Python

Section Analysis:

- No. of Questions: 2 MCQ
- Time allotted: 45 min

1.3 Accenture Recruitment Process Additional information

1. There company has come up with the two roles i.e (AASE and ASE)
2. Package of Advanced Associate Software Engineer :- 6.50 LPA
3. Package of Associate Software Engineer :- 4.5 LPA
4. Based on your overall performance students will be selected for AASE and ASE role
4. PAN Card is very important. All the student should have pan card at the time of registering for Accenture.

1.4 Interview Preparation Dashboard

Resume

A resume is the first step for any job profile. It depicts your entire professional career and serves as an introduction to the recruiters. Head over to our Resume Preparation Dashboard to know which skills to include in your resume.

- Internships
- Certifications

Interview Puzzles

Puzzles check your Intelligence quotient and problem-solving skills. On PrepInsta's Top 100 Puzzle dashboard, we have included the most common puzzles with their solutions.

- Josephus Puzzle
- Einstein Puzzle
- Sherlock Holmes Puzzle

Group Discussion

Group discussions or extempores check a candidate's communication skills. They also test the general knowledge of a candidate. On PrepInsta, find the most popular group discussion round topics.

- Citizenship Amendment Act
- Facebook v/s LinkedIn
- Impact of AI

Technical Interview

Technical Round or Technical Interview is mandatory round for all IT and software companies. Irrespective of their disciplines, candidates are asked technical and coding questions. Find our Technical Interview Dashboard to check out the most important topics in TR.

- DSA Advanced Technical Interview Questions
- JAVA Interview Questions
- C++ Interview Questions

HR Interview

HR Interview is conducted to test communication, leadership, and other soft skills. On PrepInsta's Top 60 HR Interview questions, get the most common questions asked in HR and the best way to answer them.

- Introduce Yourself
- What are your strengths and weaknesses?
- How much salary are you expecting?
- Where do you see yourself in five years?

Managerial Round

Managerial Round focus on situational and behavioral questions. This round checks how a candidate will react in certain situations. The candidate has to answer, detailing their response/ experience for a specific situation.

- How will you react if your project deadlines suddenly decreases?
- What will you do if your boss continuously criticise your work?
- How will you handle a team with internal conflicts?
- Why should I hire you within 200 students?

Virtual Interview

Virtual Interviews or Remote Interviews are becoming popular in the last few years. Our Virtual Interview Dashboard consists of a complete guide on Remote/Virtual Interviews.

- Work From Home Ethics

- How to Sit for a Virtual Interview?

1.5 FAQs on Interview Questions

Question: What are the common questions asked in Interview?

Answer:-

Most common questions asked in interviews include questions on:-

- introduce yourself
- about the company/profile
- relocation/salary

Question: What type of questions are asked in Interview for freshers?

Answer:-

Most common Interview Questions for freshers include:-

1. Tell me about yourself
2. Strengths and Weaknesses
3. Challenges
4. Short term/long term goals
5. Why should I hire you?

Question: What should I say in an HR Interview?

Answer:-

In any HR Interview you should always try and talk about:-

- your strengths
- your goals
- your teamwork and leadership skills
- how your goals align with that of the company's goal

Accenture Salaries In India

Post-wise Accenture Average Salary 2023:

<u>Designation</u>	<u>Avg. Annual Salary</u>
Application Development Analyst	Rs. 6.4L (5L-9L)
Senior Software Engineer	Rs. 9.6L (7L-13L)
Team Lead	Rs. 13.6L (7.8L-19.3L)
Software Engineer	Rs. 6L (4.2L-9.6L)
Application Development – Senior Analyst	Rs. 10.3L (7.5L-14L)
Transaction Processing Associate	Rs. 2.8L (1.8L-4L)
Associate Software Engineer	Rs. 4.2L (3.3L-5L)
Senior Analyst	Rs. 9.9L (5.6L-13.6L)
Associate Manager	Rs. 20.7L (15L- 27.4L)
Application Development Team Lead	Rs. 14.4L (11L-19.2L)

Accenture Salaries for Freshers:

Average Accenture Salaries as per Academic Qualification:

<u>Qualification</u>	<u>Accenture Salary India (in INR)</u>
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Bachelor's Degree	2.88 Lakhs – 12.10 Lakhs
Bachelor of Computer Science (CS) / Bachelor of Engineering (B.Engg / BE)	2.44 Lakhs – 11.72 Lakhs
Master of Business Administration (MBA)	2.67 Lakhs – 20.50 Lakhs
Bachelor of Engineering (B.Engg / BE), Electronics and Communications Engineering	2.43 Lakhs – 11.89 Lakhs
Master of Computer Applications (MCA)	3.02 Lakhs – 13 Lakhs
Master of Computer Science (CS)	9.75 Lakhs – 12 Lakhs

1.7 Accenture Technical Interview Questions for Non-IT Candidates

Question 1:- Explain your project.

Answer:-

Talk about your final year project. Focus on your contribution to the project, what work you did, how you completed your tasks, problems you faced, etc. The interviewer will also ask about your teamwork and leadership skills from this question.

Question 2:- What is call by value and call by reference in C Programming language?

Answer:-

We can pass value to function by two different ways: call by value and call by reference.

In case of **call by value**, a copy of value is passed to the function, so original value is not modified in the call by value.

But in case of **call by reference**, an address of value is passed to the function, so original value is modified in the call by reference.

Question 3:- Why there are no global variables in Java?

Answer:-

Global variables are globally accessible. Java does not support globally accessible variables due to following reasons:

1)The global variables breaks the referential transparency

2)Global variables creates collisions in namespace

Question 4:- What is method overloading and method overriding?

Answer:-

Method overloading: When a method in a class having the same method name with different arguments is said to be method overloading.

Method overriding: When a method in a class having the same method name with same arguments is said to be method overriding.

Question 5:- What is the difference between a constructor and a method?

Answer:-

A **constructor** is a member function of a class that is used to create objects of that class. It has the same name as the class itself, has no return type, and is invoked using the new operator.

A **method** is an ordinary member function of a class. It has its own name, a return type (which may be void), and is invoked using the dot operator.

Question 6:- What is meant by Inheritance and what are its advantages?

Answer:-

Inheritance is the process of inheriting all the features from a class.

The advantages of inheritance are:-

- reusability of code
- accessibility of variables and methods of the super class by subclasses.

Question 7:- What is SQL, and why is it important?

Answer:-

SQL stands for Structured Query Language, and is the most important data processing language in use today. It is not a complete programming language like Java or C#, but a data sublanguage used for creating and processing database data and metadata. All DBMS products today use SQL.

Question 8:- What is recursion in C?

Answer:-

Using recursion, one function can be called multiple times. This reduces the code length, reducing the overall complexity of the program.

1.7.1 Accenture HR Interview Questions

Question 1:- Introduce Yourself.

Answer:-

Good Morning/Afternoon. I am_____, a BE/B.Tech graduate from XYZ college. I served as the class representative and the Rotaract Club president. I have actively participated in sports and organized various events, including the college fest. I am applying for this job to gain more professional experience and start my career.

Question 2:- How do you handle criticism?

Answer:-

Initially, I used to get very defensive about criticism. But as I grew in my career, I have realized the importance of feedback. When someone comments on my work, good or bad I take it under a light of improvement. Taking their opinions into consideration and applying myself to improve wherever I am lacking.

Question 3:- What are your key strengths?

Answer:-

My strength, I believe, is my understanding of group dynamics. I'm a groupie who enjoys collaborating on multiple projects with others. So, when it comes to assigning duties, developing material, or working across different sections of a project, I can provide clear instructions and ensure that our task is completed as per our aims and objectives.

Question 4:- Is there any location preference?

Answer:-

No such preference. I am open to relocate anywhere the job demands.

Question 5:- Why do you want to join our company?

Answer:-

There are many reasons for me to join your company. However, one of the main reasons for my desire to work for your firm is that it has established a standard in the education field. Especially the "XYZ" project, which has become a case study for experts like myself, and I've been following your firm's exceptional work. With my background and the revolutionary work your

organization has done, I believe I would be able to confidently contribute my expertise to future projects for your company.

1.7.2 Accenture Technical Interview Questions for CS/IT Candidates:

Question 1:- Write a program to calculate the length of a string without using the strlen() function.

Answer:-

- Program in C
- Program in C++
- Program in JAVA
- Program in Python

Question 2:- What is virtual inheritance?

Answer:-

Virtual inheritance is a C++ mechanism that assures that grandchild-derived classes inherit only one copy of a base class's member variables. If two classes B and C inherit from a class A, and class D inherits from both B and C, D will include two copies of A's member variables: one via B and the other via C. Using scope resolution, these will be available independently.

Question 3:- What is JDBC?

Answer:-

JDBC is a set of Java API for executing SQL statements. This API consists of a set of classes and interfaces to enable programs to write pure Java Database applications.

Question 4:- List the Coffman's conditions that lead to a deadlock.

Answer:-

- **Mutual Exclusion:** Only one process may use a critical resource at a time.
- **Hold & Wait:** A process may be allocated some resources while waiting for others.
- **No Pre-emption:** No resource can be forcibly removed from a process holding it.

- **Circular Wait:** A closed chain of processes exist such that each process holds at least one resource needed by another process in the chain.

Question 5:- What are short, long and medium-term scheduling?

Answer:-

- **Long term scheduler** determines which programs are admitted to the system for processing. It controls the degree of multiprogramming. Once admitted, a job becomes a process.
- **Medium term scheduling** is part of the swapping function. This relates to processes that are in a blocked or suspended state. They are swapped out of real-memory until they are ready to execute. The swapping-in decision is based on memory-management criteria.
- **Short term scheduler**, also known as a dispatcher executes most frequently, and makes the finest-grained decision of which process should execute next. This scheduler is invoked whenever an event occurs. It may lead to interruption of one process by preemption.

Question 6:- What is diamond problem in JAVA?

Answer:-

Diamond problem also known as deadly diamond problem or deadly diamond of death, occurs when multiple inheritance is conducted in JAVA. JAVA does not support multiple inheritance, and therefore consequently leads to a compilation error if attempted.

[Read More at JAVA Interview Questions](#)

Question 7:- What is AVL tree?

Answer:-

AVL stands for Adelson Velskii and Landis. In a binary search tree, if the difference between height of the left and right subtrees is at most one, it is known as AVL tree.

Question 8:- Define Linked List.

Answer:- Linked List is a linear data structure where data is stored sequentially.

[Read More at Linked List](#)

Question 9:- What is an overflow error?

Answer:- Overflow errors occur when a program is given an input outside its scope.

1.8 Interview experience

INTERVIEW PROCESS :

Once you register in the Accenture portal, if you are eligible, you will receive an email requesting that you select the slot for your first round. Once you select the slot, you will receive the mail to complete the first round.

Note: Accenture has also come up with two exciting roles and the selection for these roles is based on the same interview process.

Accenture India usually has four rounds in its recruitment process. They are

1. Aptitude, analytical and logical thinking, English ability, pseudocode, technical MCQs
2. Coding
3. Communication Round
4. HR interview

Round 1: Aptitude, Analytical and Logical Thinking, English Ability, Pseudocode, Technical MCQs

In this round, you will have 90 minutes to solve 90 MCQs. You can change the sections as per your wishes. In the **aptitude, analytical, and logical thinking sections**, you have the basic and intermediate aptitude and analytical and logical thinking questions. At the **intermediate level**, you have the basic and intermediate-level vocabulary and grammar questions. These two sections can be cleared if you practice regularly.

In the pseudocode **section**, you have the false code or pseudocode to solve and find the output or error in the code. This section checks your code-analyzing skills. You need constant practice and good coding knowledge to solve the code. In the **technical MCQs section**, you will find MCQs based on MS Office, the cloud, and networking topics. To clear this section, you have to take at least 10 mock tests because the questions might be confusing.

In my case, I received intermediate-level questions in all the sections.

Once you pass this round with the required cutoff, you will be taken to the next round .

Round 2: Coding

Once you complete round 1, you will automatically be taken to the next coding round.

NOTE: Both Round 1 and Round 2 happen on the same day.

You will have 45 minutes to solve two coding questions. The difficulty level of the questions varies from person to person and slot to slot. The basic level of DSA will help you if your slot has difficult questions. If the difficulty level is easy, you might get to find the HCL and LCM of the given integers. So practice well on your coding part.

In my case, I received basic-level questions.

Once you pass this round, you will receive a message saying that you have completed the two rounds and are eligible for the communication round. You will receive the mail for the communication round after some days.

Round 3:Communication Round

This round checks your communication skills with the help of software. It includes listening and speaking. The software is so sensitive, so please keep your surroundings silent, and your internet connection should be strong. In this round, they check your communication skills in some of the following ways:

- You have to read the texts that show up.
- You have to hear the story they tell, and you have to repeat the same within the time limit.
- You have to reply to their questions.

In my case, the communication round was easy, but the software was so sensitive that even my breath was counted as an external sound. That made my communication somewhat uneasy.

Once you complete the test, you will receive a letter saying you have completed the assessment and will receive another letter for the HR interview.

Round 4: HR Interview

This is the last round in the interview process. You will receive a mail to select the slot for the interview, and you will receive a mail for the interview round. I will share my experience in this round.

Once the interview started, my interviewer shared his experience with me and asked me about myself. After I shared my self-introduction, he asked me some questions based on my self-introduction. For me, all the questions were about how I manage and tackle situations if something happens. My interview lasted for 25 minutes. At last, he asked me if I had any questions. He answered my questions very well, which actually inspired me.

TIPS:

1. Concentrate on the questions asked.
2. Answer the questions to the point and don't speak unwantedly.
3. Ask some professional questions at the end, not personal questions. For example, you can ask about the current technologies that are used at Accenture.
4. If you can't understand the question, don't assume, but ask the interviewer to repeat the question.
5. Make sure you have quality earphones, a strong internet connection, and a quiet environment.

This is the interview process at Accenture India. If you cleared the interview process, within a few weeks you will receive the **letter of intent**.

All the best, fellows

1.9 Accenture Eligibility Criteria 2023

Academic Qualifications :

- Class 10th Standard : 60% or Above
- Class 12th Standard : 60% or Above
- College Graduation : 60% or Above 6.5 CGPA

Eligible Passing Year:

- 2023(Advance Associate Software Engineer or AASE)
- 2023(Associate Software Engineer or ASE)

College Qualification Required:

- B.E.
- B.Tech.
- MCA
- MSc (Computer Science)

Eligible Branches:

- All Engineering Branches are available

Other Important Criteria:

- There should be No Active Backlogs at the time of Selection Process.
- The education gap should be of maximum 1 years,if any, is allowed between 10th and graduation.
- Should be from a Full-time Degree course recognized by the Central/State Government of India.
- The candidates must not have any pending attendance requirement with the college.
- Should be Indian Citizen or should carry a PIO or OCI card, in case holding a passport of any other country.

- There should be a rest time of at least 3 months in between the previous and present application of a candidate
- If for any reason a candidate after applying in Accenture, misses the opportunity to give the interview then the candidate holds the right to apply again and can attend the selection process

here the training and placement data of Accenture Ends.

1 TCS Company:

Here the training and placement data of TCS starts.

1.1 TCS Company Time Table :

TCS NQT Recruitment 2023 Overview				
Recruiting Body	Tata Consultancy Service			
Test Name	TCS National Qualifier Test (i.e., TCS NQT)			
Cycle	April	July	August	October
Last Date to Apply	30th March 2023	4th July 2023.	31st July 2023	20th September 2023
Exam Dates	14th April 2023 Onwards	15th July 2023	12th August 2023	2nd October 2023
Mode of Exam	Online			
Age Limit	18 to 28 years			
Qualification	UG/ PG students of B.E. / B.Tech / M.E. / M.Tech / MCA/ M.Sc			
Experience	Freshers (Experience up to two years is allowed)			
Selection Process	Test and Interview			
Exam Pattern	Two sections- Foundation and Advanced			
Exam Duration	166 minutes			

1.2 TCS Company Salary:

Tata Consultancy Services Limited pays its employees an average of ₹635,638 a year. Salaries at Tata Consultancy Services Limited range from an average of ₹276,073 to ₹1,590,207 a year. Tata Consultancy Services Limited employees with the job title Senior Project Manager, IT make the most with an average annual salary of ₹2,146,228, while employees with the title Accounting Associate make the least with an average annual salary of ₹286,710.

JOB Title	Range	Average
System Engineer. IT	₹250k - ₹733k	₹434,469
Software Engineer	₹242k - ₹970k	₹463,884
Software Engineer / Developer/ Programmer	₹247k - ₹907k	₹452,175
Information Technology Consultant	₹229k - ₹1m	₹1,250,489

SAP Consultant	₹310k - ₹2m	₹480,923
Business Analyst, IT	₹304k - ₹1m	₹738,525

1.3 TCS Company Recruitment Process

- **TCS Digital:** TCS Digital hires for the Digital Technology Domain, specializing in IoT, AI, ML, Big Data, Virtual Reality, BlockChain, NLP, etc. There are three ways of landing the TCS Digital offer.
- **TCS Ninja:** TCS Ninja profile is hired through TCS NQT test, based on the score you scored in NQT you will choose as Ninja. It offers package of 3.36 to 3.60.

Verbal Ability: In TCS NQT there are 25 questions and the given time was 75 minutes to check your proficiency on English, like easy writing and questions answering.

TCS conducts 4 rounds to select freshers as Assistant System Engineer in their organisation.

- Written Round.
- Technical Round.
- Managerial Round.
- HR Round.

1.3.1 Written Round :

The Written round consists of four sections and the total time allotted is 90 minutes. The four sections include:

1.3.1.1 Quantitative Aptitude Test:

The first is the Quantitative Aptitude test where the numerical and the reasoning ability sections are tested. There are 20 questions that need to be attempted in 40 minutes. There are 2-star questions which have more weight than normal questions and are a bit tricky. There is negative marking of 1/3rd for the questions other than the star. Important topics include Number system, Equations, Ratio and Proportion, Percentages, Profit and Loss, Time and Work, Time speed Distance, Areas and Mensuration, Averages, Permutations and Combinations, Probability, Plane geometry, Seating Arrangements, Sets, Progressions, Functions, Series, Coding, Truth and Lie based puzzles.

1.3.1.1 Programming Language Test:

This round consists of general questions from computer science and programming

languages. It consists of 10 to 12 questions and the time allotted is 20 minutes. It is an MCQ round and basically consists of basic programming questions.

1. Coding Round:

This is a technical coding round. It consists of 1 to 2 questions and the time allotted is 20 minutes.

2. **E-mail writing :** There will be given certain clues/words using which you have to write an e-mail addressing the scenario. You have to type the e-mail in the space given. The most important thing is you have to use all the phrases given without missing even a single one. The time allotted is 10 minutes.

Note: Students with more than 8.5 or 80 % respectively have to just appear for the verbal section i.e, the email writing.

The students with rank under 1000 in CodeVita round 1 will be allowed to skip the written round and appear directly for interviews.

1.3.2 Technical Round :

The students who clear the written round are called for Technical Interview. There is no hard & fast rule for which questions will be asked in this round, you can expect questions on any topic depending on the panel. To clear this round you should be clear with your basics. You should be prepared with Data structures and Algorithms, DBMS, Operating System, Networking, OOPs concepts and a programming language of your choice. Students from branches other than CS should prepare for the other two subjects related to their branch. CS students will be expected to write codes in the interview. You may be asked puzzles in this round.

1.3.3 Managerial Round :

This round includes everything which was in Technical round plus it will be under pressure and a lot of cross-checking. Doubts will be raised on your answers to check if you can handle stress or not. Students may or may not be sent to this round depending on the feedback of the previous round. If the feedback of the previous round was good you may expect to directly been sent to HR round. Key for this round is to be calm, confident, clear on your thoughts and to not give up on pressure. If you don't know the answer you must try to attempt it with whatever you know.

1.3.4 HR Round :

This is the final round of the recruitment process. The interview panel can question you anything related to your personality, family, education, hobbies, internships, general knowledge, basic HR questions like Why should I hire you?, If any problem in relocation etc. The key here is to be confident about everything you speak.

1.4 Interview Experience:

Tips to prepare:

1. Prepare your portfolio beforehand(though nobody has time to take a look of it, as they have your data on their database and keep laptops during interview). Take a file with transparent leafs inside to put the documents in them in following order:-
 - C.V. signed and dated as the date on which interview is going to take place. (not more than 2 pages) (You can view sample C.V. from here:- https://docs.google.com/document/d/1m8MQlWki_UZiJ6_hrI4gGwG4BkG7uDsSfgRQ8bhmMXc/edit?usp=sharing)
 - 4th year marksheet(if graduated), then 3rd year marksheet(if you do not have it just take out its printout from university website and insert it.), then 2nd year's and then 1st yr's mrksht.
 - 12th Marksheet and then certificate.
 - 10th Marksheet and then certificate.
 - Industrial Training Certificate and other course's certificates(if any)
 - Other Certificates comprising of Workshop certificates, Certificates of participation in co-curricular activities, etc.
2. Keep a separate copy of your C.V. along with you signed(by you) and dated(interview date). (Again nobody demanded it for taking a look of it during my campus drive, but still keep it prepared just in case ..!!)
3. Keep a printout of application form of TCS which you have to download from nextstep.tcs.com after applying for drive. (Download it in Mozilla Firefox, Chrome may not work). Application Forms would be submitted at the time of Round1 and would be used in all successive rounds to have a look of the interviewee.

Round 1: E-mail writing and Quantitative Aptitude

Students were divided in 2 slots(actually not divided, it was told that whoever wanted to give in 1st slot may give) . Then we were sent to Computer Labs for taking Round1. I was in Slot 1. There are 2 sections:-First section comprises of E-mail writing and next is Quantitative Aptitude. Remember you cannot go back to 1st section if you have already exited it(although there is much time for it -10 minutes are sufficient for an e-mail).

Quantitative Aptitude comprise of 30 questions with negative marking. Starred questions will be of higher marks. The set I got had 10-12 easy questions, 4-5 tough questions, and rest medium level. Try to do atleast 18 out of them to clear the round. (If there is not much time left as compared to the number of questions you may take help of your neighbor as many people in my slot did, though its better to do it on your own as you can't trust others.)

Questions comprised of following areas:-

*Time and Work (Questions related to calculation of Wages for work),
Number System,
Functions and Series,
Geometry,
Probability(Total Probability and Bayes's),
Time, Speed and Distance,
Ages,
Permutations and Combinations.*

We also had a PPT in after this round in which TCS declared results of 1st round and told about the company, objectives, statistics, mission, values, etc.

Tips:

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2. Whether you write the **subject** in e-mail or not, is completely your choice. It won't matter much(I wrote the subject and my friend didn't, we both cleared the round with 10th and 9th position, respectively)
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6. Note down everything told in the PPT. It can be asked in successive rounds.

Round 2: TR (Technical Interview Round)

Out of 300 students, about 200 cleared the 1st round and were divided in 10 panels for Round 2. Only one interviewer was there in each panel, so not to worry too much.

Regarding the questions they asked in this round, it totally depended on them.

In some panel they asked questions about family (just total time pass, answer in relaxed way as if talking to some relative)

In my panel the interviewer never asked me about my favorite subject(area of interest) . He asked me questions from various subjects except my area of interest :(, some of which are as follows:-

- What is your final year project? Tell me something about it. (as we had not even started making our project by that time, I didn't know what we would do in that but neither did the interviewer know. So I told him whatever I wrote in my project synopsis- the modules in the project, the objective, its applications, language used, etc.)
- (As I told that my project was based on JSP so he started asking me questions from it.) What is page directive(I told it)
- What is AJAX (I told it somewhat wrong, and said that I'm not sure)
- Ok. What are servlets? (told it)
- What is the relation between JSP and Servlets(at first I told it wrong, then he gave me a hint and I corrected it.)
- Have you heard about Quick Sort? What is it? (I was not sure. Just knew that it has a pivot element and we have to compare it with some other elements. Told him such things.)
- He handed me the paper and told me to take few numbers and show on them how quick sort is done. (I knew that i couldn't so I just took few numbers, told him the first element is pivot and then we find the element smaller than it from right side)
- He looked at me and said "Do you not think that we take middle element as pivot?" (I in my mind thought that yes he was right we take middle one as pivot , but told him confidently- No sir, we took the first element as pivot in our academics)
- He nodded and then asked which one was efficient(I told him taking middle one as pivot was more efficient)
- He asked me something about RDBMS. (I told him Sorry sir, I have no idea about that.)

Though my interview went out totally frustrating with the only good thing being my CONFIDENCE (even in saying that I didn't know the answer). After 2 hours I got my

call for MR round

Tips:

1. Be confident. Don't hesitate in saying even that you don't know the answer.
2. They are not looking for students with best technical knowledge, but the students with the medium knowledge, greater potential, and most importantly confidence.
3. Study not focussing only on your area of interest, but just take a look of basic definitions of important topics especially related to your project. (like AJAX, JSP, Servlet, 1NF, 2NF, Indexing, etc.) Brush up about every type of sorting logics (bubble, selection, quick, insertion), and common programs like palindrome, swapping 2 nodes in a linked list, etc.
4. Greet Good Morning/Evening with a smile when you enter and sit only when asked to(if not asked, then ask yourself to sit), Talk in a relaxed mood but not too relaxed(don't speak like he is your chuddy-buddy).

5. To reduce stress after clearing this round, just think about both outcomes (if I'm selected then that would be great but If I'm not then at least I cleared 2

rounds when 100s of people couldn't. This worked for me.)

Round 3: MR (Managerial Interview Round)

This was the best round according to me.

There were only 2 panels for this round.

I was called in. I entered , smiled and greeted him .

The interviewer was an aged person and looked much experienced and friendly.

He : (taking a look at the application form) So Ms. Nirmal..

I: Sorry sir, my name is Swechchha Agarwal, That's my mother's name which you are taking.

He: (taking a look again)Ohh (smiling a bit) my mistake, its Swechchha.

(Some person entered meanwhile for handling him something)

He: So Nirmal, tell me something about yourself.

I: Sir, I am Swechchha Agarwal...(hoping to continue the intro)

He: Ohh again sorry. (smiling)Let me correct it here(working on his laptop for a minute) Ok now continue.

I: (told my complete intro)

He asked me about my family.

I told him that I had a joint family with 11 members .

He smiled and said that was very good.

He asked me about my hobbies (painting,sketching)

So u make human sketches also?(Sir, I have tried my hand on them, but its just my hobby and not my talent so i'm not good in it)

Don't you do anything else in your hobby like sports(Sorry sir I'm not good in that.)

He asked me about my strategy to achieve success in organization(dont tell only hardwork tell about the smartwork, punctuality, learning from experience, self-teaching, etc.)

He asked me "Why you want to join TCS"(Sir as I know many employees there I have come to know a lot about this company , its good friendly environment, platform to learn, etc. ..)

He asked me about my last project and why I developed it, i.e. its objective(told him)

He asked me what have I learnt in Software Engineering(that softwares are not developed by just coding them . If we want them to be a real success, then there are steps to follow:Reqt specification, analysis, design, testing, review)

He asked me what I have learnt in Industrial Management which was also a subject in my curriculum(I told him importance about human relations in company, stress management...)

He asked me how to manage stress?(I told him what I learnt in that subject like job rotation to reduce fatigue, etc.)

He told me that”You have told me how to reduce other’s stress as a manager, now tell me how will you reduce your stress? (I told him through a little chat with peers, taking breaks in work, through hobby practising)

He again reminded me that I must practise something in Sports as my hobby to reduce stress (I know sir i should but just sports are not my type)

Ok you may go. Send the next one inside.(Thankyou sir)

It was already 11:30 p.m. Next day results were to be declared of OutOfProcess students (eliminated)

I didn’t have my name on that list

I was called as the first one to give final round H.R. which ended in 10 minutes .

Round 4: HR Interview

I entered and greeted. He told me to sit. and said “tell me about yourself”.I told. Then he asked me an aptitude question : “There is a 20 feet tower. A monkey climbs 3 feet in a second and drops down 2 feet in the same second. when would he reach top?” I asked him to give me a minute to think . He allowed. Then I told him “18 seconds” . He asked me the capital of Telangana. I told him”I know that Currently it is not stable but I don’t know the answer” .He asked me “Tell me any 5 points about TCS which were told in PPT and because of which you would like to join TCS”(I told him about the code of ethics, brand popularity, the awards it got,...he then interrupted)

Ok your home is so close from your college. How would you be able to relocate?(I told him that I had done it earlier after 12th in Kota)

He asked me about the Kota experience and then told me to “You may go”80 were placed and I was also among them :)Please do comment if you want any other information ..

1.5 TCS Company Recruitment Criteria

In this section, we will show the overview of TCS NQT Eligibility criteria.

Qualifications	B.E / B.Tech / M.E / M.Tech / M.Sc / MCA – 2023 Year of Pass-out.
Backlog Criteria	Only 1 active backlog is allowed

Qualifications	B.E / B.Tech / M.E / M.Tech / M.Sc / MCA – 2023 Year of Pass-out.
Eligibility Streams from M.Sc	All the streams related to information technology and computer science.
Gap Criteria	The total gap in an academic career should be less than or equal to 2 years
Percentage Criteria	60 % or above in X/XII/ all other degrees.

TCS NQT Eligibility Criteria: For BE/B. Tech/ M.E./M. Tech

We will discuss the eligibility criteria for the above-mentioned courses.
Almost all the branches are eligible but CS/IT is preferred.

- Should have more than 60% in Xth standard.
- Should have more than 60% in the XIIth standard.
- More than 6 CGPA or 60 % in graduation.
- If you have any certification in any programming language that will be a plus point.
- Only 1 active backlog but try to avoid any backlog.

TCS NQT Eligibility Criteria: Age, Qualifications, Course

In this section, we will discuss the eligibility criteria of various factors.

- Age: In the TCS NQT exam of 2023 the candidate who is applying should be atleast 18 years old and the maximum age should be of 28 years.
- Number of Attempts: As such, there is no limit on the number of attempts of a candidate unless he is within the required age limit.
- Experience: Freshers who have less than two years of experience can apply to TCS NQT.

TCS NQT Eligibility Criteria: Important Points

Here are some of the important points you should keep in mind.

- All applicants must have their original papers on hand for the interview process in case they are required to present them, including proof of age, education, nationality, etc.
- Candidates who have academic gaps of more than 2 years are not eligible to apply for admission. Regarding this topic, there is no leeway given.

1.6 Placed Students :

As of now data available the students placed are :

KURKURE KARTIK SATISH Mech TCS (Off Campus) CHINTAMANI THERMAL 13

1.7 Frequently Asked Questions :

1.7.1 Email Writing Questions :

Directions:

1. Use all the phrases given.
2. Minimum words should be 50 otherwise your email cannot be validated.
3. Addressing and signing should be done as in the question given.
4. Common grammatical rules, punctuation should be according to standard English.
5. You can use your own phrases along with the phrases given.

a) **Question :** As a supplier, write an email to the manager of RD Wheel company, Mr.Malhotra, intimating of their payment that is due for the products delivered to them three months ago. Sign the email as Sameer

Phrases:

On time - delivery of goods - three months - credit period - overdue - payment -
of the earliest - longstanding - relationship

Solution – Sample E-mail:

Hi Mr Malhotra,

You are a valued customer of our company for a very long time and we appreciate doing business with you. You have always made on time payment of the delivery of goods but recently, we have observed an extreme delay in payment. Moreover, the three months credit period is also over and still, the payment is overdue. I would request you to make payment for the above goods delivered of the earliest. We are looking forward to the payment at earliest and a longstanding relationship in doing business with your company.

*Thanks and regards,
Sameer.*

b) Question :

As a member of your residential society, write an email to the inspector of the local Police station, Mr. Agarwal, informing him about miscreants who ride their bikes rashly every evening outside your society. Sign the email as Shyam.

Phrases:

residential area - ride - rashly - children - play - elderly - walk - grocery shop -

across the road - dangerous - accidents - nuisance - action - immediately.

Solution – Sample E-mail:

Dear Mr Agarwal,

I am a resident of Lajpat Nagar and on behalf of the society, would like to bring to your kind attention regarding the rash driving during the evening hours in the residential area of the society. The evening is the time when all the children come out to play and the elderly commences their evening walk. Being a residential area, there is a grocery shop across the street and now and then people walk across the road to buy groceries. For many days, the rash driving of miscreants is causing dangerous problems for the people, leading to accidents.

This is causing a constant nuisance to the people and action must be taken to curb this problem immediately.

Yours sincerely,

Shyam.

c) Question:

As your company is doing good business and expanding, your company is relocating its office to a new address. Using the following phrases, write an email with a minimum of 70 words and a maximum of 100 words to your customer informing the change in address.

Phrases:

near outer ring road - shifting to - bigger office space - November 10 -

change in telephone number - new address is provided below - fourth floor -

Cessna Business Park.

Solution – Sample E-mail:

Dear All,

It gives a pleasure in announcing the expansion of this company, a sign of growing business and increasing clientele. For a better productivity result, we are relocating the company and shifting to a bigger office space from November 10th onwards. New facilities and amenities shall be installed along with modern state of art amenities. There has been a change in telephone number along with the new address is provided below:

Fourth Floor, Cessna Business Park(Near Outer Ring Road), Noida.

Phone: 1234567890

Please make a note of this to serve our clients better.

Thanks and Regards

1.7.2 Aptitude and Reasoning Question :

1. An exam was conducted and the following was analyzed. 4 men were able to check some exam papers in 8 days working 5 hours regularly. What is the total number of hours taken by 2 men in 20 days to check double the number of exam papers?

Answer: 8 hours

1. **Solution:**

Assuming that 1 unit of work is done in 1 hour Let's calculate the total number of working hours: $\Rightarrow 4 * 8 * 5 = 160$ units Now the work is doubled: $\Rightarrow 160 * 2 = 320$ units Let 'x' be the number of hours taken by 2 men to complete the work in 20 days. Therefore, $\Rightarrow 2 * 20 * x = 320 \Rightarrow x = 8$ hours (Answer).

2 The numbers from 101 to 150 are written as, 101102103104105...146147148149150. What will be the remainder when this total number is divided by 3?

Answer: 2

2 **Solution:**

The divisibility rule for 3 is that the sum of all digits of a number should be divisible by 3. Let's calculate the sum of the digits: There are 50 1's (unit place) = 50 There are 10 1's (tens place) = 10 There are 10 2's (tens place) = 20 There are 10 3's (tens place) = 30 There are 10 4's (tens place) = 40 There is one 5 (tens place) = 5 For each number 1 to 9, there are 5 sets of sum $45(1+2+\dots+9) = 225 \Rightarrow$ So sum of all digits = 380 $\Rightarrow 380 / 3 = 2$ (Answer)

1.7.3 Programming Logic Questions :

The questions are broadly divided into three main topics they are 1.Data Structures 2. Algorithms and 3. Object Oriented Programming.

1 TCS Company:

1.1 TCS Company Time Table :

TCS NQT Recruitment 2023 Overview				
Recruiting Body	Tata Consultancy Service			
Test Name	TCS National Qualifier Test (i.e., TCS NQT)			
Cycle	April	July	August	October
Last Date to Apply	30th March 2023	4th July 2023.	31st July 2023	20th September 2023
Exam Dates	14th April 2023 Onwards	15th July 2023	12th August 2023	2nd October 2023
Mode of Exam	Online			
Age Limit	18 to 28 years			
Qualification	UG/ PG students of B.E. / B.Tech / M.E. / M.Tech / MCA/ M.Sc			
Experience	Freshers (Experience up to two years is allowed)			
Selection Process	Test and Interview			
Exam Pattern	Two sections- Foundation and Advanced			
Exam Duration	166 minutes			

1.2 TCS Company Salary:

Tata Consultancy Services Limited pays its employees an average of ₹635,638 a year. Salaries at Tata Consultancy Services Limited range from an average of ₹276,073 to ₹1,590,207 a year.

Tata Consultancy Services Limited employees with the job title Senior Project Manager, IT make the most with an average annual salary of ₹2,146,228, while employees with the title Accounting Associate make the least with an average annual salary of ₹286,710.

JOB Title	Range	Average
System Engineer. IT	₹250k - ₹733k	₹434,469
Software Engineer	₹242k - ₹970k	₹463,884
Software Engineer / Developer/ Programmer	₹247k - ₹907k	₹452,175
Information Technology Consultant	₹229k - ₹1m	₹1,250,489

SAP Consultant	₹310k - ₹2m	₹480,923
Business Analyst, IT	₹304k - ₹1m	₹738,525

1.3 TCS Company Recruitment Process

- TCS Digital: TCS Digital hires for the Digital Technology Domain, specializing in IoT, AI, ML, Big Data, Virtual Reality, Blockchain, NLP, etc. There are three ways of landing the TCS Digital offer.
- TCS Ninja: TCS Ninja profile is hired through TCS NQT test, based on the score you scored in NQT you will choose as Ninja. It offers package of 3.36 to 3.60.

Verbal Ability: In TCS NQT there are 25 questions and the given time was 75 minutes to check your proficiency on English, like easy writing and questions answering.

TCS conducts 4 rounds to select freshers as Assistant System Engineer in their organisation.

- Written Round.
- Technical Round.
- Managerial Round.
- HR Round.

1.3.1 Written Round :

The Written round consists of four sections and the total time allotted is 90 minutes. The four sections include:

1.3.1.1 Quatitative Aptitude Test:

The first is the Quantitative Aptitude test where the numerical and the reasoning ability sections are tested. There are 20 questions that need to be attempted in 40 minutes. There are 2-star questions which have more weight than normal questions and are a bit tricky. There is negative marking of 1/3rd for the questions other than the star. Important topics include Number system, Equations, Ratio and Proportion, Percentages, Profit and Loss, Time and Work, Time speed Distance, Areas and Mensuration, Averages, Permutations and Combinations, Probability, Plane geometry, Seating

Arrangements, Sets, Progressions, Functions, Series, Coding, Truth and Lie based puzzles.

1.3.1.1 Programming Language Test:

This round consists of general questions from computer science and programming languages. It consists of 10 to 12 questions and the time allotted is 20 minutes. It is an MCQ round and basically consists of basic programming questions.

1. Coding Round:

This is a technical coding round. It consists of 1 to 2 questions and the time allotted is 20 minutes.

2. E-mail writing : There will be given certain clues/words using which you have to write an e-mail addressing the scenario. You have to type the e-mail in the space given. The most important thing is you have to use all the phrases given without missing even a single one. The time allotted is 10 minutes.

Note: Students with more than 8.5 or 80 % respectively have to just appear for the verbal section i.e, the email writing.

The students with rank under 1000 in CodeVita round 1 will be allowed to skip the written round and appear directly for interviews.

1.3.2 Technical Round :

The students who clear the written round are called for Technical Interview. There is no hard & fast rule for which questions will be asked in this round, you can expect questions on any topic depending on the panel. To clear this round you should be clear with your basics. You should be prepared with Data structures and Algorithms, DBMS, Operating System, Networking, OOPs concepts and a programming language of your choice. Students from branches other than CS should prepare for the other two subjects related to their branch. CS students will be expected to write codes in the interview. You may be asked puzzles in this round.

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 - 4th year marksheet(if graduated), then 3rd year marksheet(if you do not have it just take out its printout from university website and insert it.), then 2nd year's and then 1st yr's mrksht.
 - 12th Marksheet and then certificate.
 - 10th Marksheet and then certificate.
 - Industrial Training Certificate and other course's certificates(if any)
 - Other Certifiates comprising of Workshop certificates, Certificates of participation in co-curricular activities, etc.
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- Have you heard about Quick Sort? What is it? (I was not sure. Just knew that it has a pivot element and we have to compare it with some other elements. Told him such things.)
- He handed me the paper and told me to take few numbers and show on them how quick sort is done. (I knew that i couldn't so I just took few numbers, told him the first element is pivot and then we find the element smaller than it from right side)
- He looked at me and said "Do you not think that we take middle element as pivot?" (I in my mind thought that yes he was right we take middle one as pivot , but told him confidently- No sir, we took the first element as pivot in our academics)
- He nodded and then asked which one was efficient(I told him taking middle one as pivot was more efficient)
- He asked me something about RDBMS. (I told him Sorry sir, I have no idea about that.)

Though my interview went out totally frustrating with the only good thing being my CONFIDENCE (even in saying that I didn't know the answer). After 2

hours I got my call for MR round

Tips:

1. Be confident. Don't hesitate in saying even that you don't know the answer.
2. They are not looking for students with best technical knowledge, but the students with the medium knowledge, greater potential, and most importantly confidence.
3. Study not focussing only on your area of interest, but just take a look of basic definitions of important topics especially related to your project. (like AJAX, JSP, Servlet, 1NF, 2NF, Indexing, etc.) Brush up about every type of sorting logics (bubble, selection, quick, insertion), and common programs like palindrome, swapping 2 nodes in a linked list, etc.
4. Greet Good Morning/Evening with a smile when you enter and sit only when asked to(if not asked, then ask yourself to sit), Talk in a relaxed mood but not too relaxed(don't speak like he is your chuddy-buddy).

5. To reduce stress after clearing this round, just think about both outcomes (if I'm selected then that would be great but If I'm not then at least I cleared 2 rounds when 100s of people couldn't. This worked for me.)

Round 3: MR (Managerial Interview Round)

This was the best round according to me.

There were only 2 panels for this round.

I was called in. I entered , smiled and greeted him .

The interviewer was an aged person and looked much experienced and friendly.

He : (taking a look at the application form) So Ms. Nirmal..

I: Sorry sir, my name is Swechchha Agarwal, That's my mother's name which you are taking.

He: (taking a look again)Ohh (smiling a bit) my mistake, its Swechchha.
(Some person entered meanwhile for handling him something)

He: So Nirmal, tell me something about yourself.

I: Sir, I am Swechchha Agarwal...(hoping to continue the intro)

He: Ohh again sorry. (smiling)Let me correct it here(working on his laptop for a minute) Ok now continue.

I: (told my complete intro)

He asked me about my family.

I told him that I had a joint family with 11 members .

He smiled and said that was very good.

He asked me about my hobbies (painting,sketching)

So u make human sketches also?(Sir, I have tried my hand on them, but its just my hobby and not my talent so i'm not good in it)

Don't you do anything else in your hobby like sports(Sorry sir I'm not good in that.)

He asked me about my strategy to achieve success in organization(dont tell only hardwork tell about the smartwork, punctuality, learning from experience, self-teaching, etc.)

He asked me "Why you want to join TCS"(Sir as I know many employees there I have come to know a lot about this company , its good friendly environment, platform to learn, etc. ..)

He asked me about my last project and why I developed it, i.e. its objective(told him)

He asked me what have I learnt in Software Engineering(that softwares are not developed by just coding them . If we want them to be a real success, then there are steps to follow:Req specification, analysis, design, testing, review)

He asked me what I have learnt in Industrial Management which was also a subject in my curriculum(I told him importance about human relations in company, stress management...)

He asked me how to manage stress?(I told him what I learnt in that subject like job rotation to reduce fatigue, etc.)

He told me that”You have told me how to reduce other’s stress as a manager, now tell me how will you reduce your stress? (I told him through a little chat with peers, taking breaks in work, through hobby practising)

He again reminded me that I must practise something in Sports as my hobby to reduce stress (I know sir i should but just sports are not my type)

Ok you may go. Send the next one inside.(Thankyou sir)

It was already 11:30 p.m. Next day results were to be declared of OutOfProcess students (eliminated)

I didn’t have my name on that list

I was called as the first one to give final round H.R. which ended in 10 minutes

Round 4: HR Interview

I entered and greeted. He told me to sit. and said “tell me about yourself”.I told. Then he asked me an aptitude question : “There is a 20 feet tower. A monkey climbs 3 feet in a second and drops down 2 feet in the same second. when would he reach top?” I asked him to give me a minute to think . He allowed. Then I told him “18 seconds” . He asked me the capital of Telangana. I told him”I know that Currently it is not stable but I don’t know the answer” .He asked me “Tell me any 5 points about TCS which were told in PPT and because of which you would like to join TCS”(I told him about the code of ethics, brand popularity, the awards it got,...he then interrupted)

Ok your home is so close from your college. How would you be able to relocate?(I told him that I had done it earlier after 12th in Kota)

He asked me about the Kota experience and then told me to “You may go”80

were placed and I was also among them :)Please do comment if you want any other information ..

1.5 TCS Company Recruitment Criteria

In this section, we will show the overview of TCS NQT Eligibility criteria.

Qualifications	B.E / B.Tech / M.E / M.Tech / M.Sc / MCA – 2023 Year of Pass-out.
Backlog Criteria	Only 1 active backlog is allowed
Eligibility Streams from M.Sc	All the streams related to information technology and computer science.
Gap Criteria	The total gap in an academic career should be less than or equal to 2 years
Percentage Criteria	60 % or above in X/XII/ all other degrees.

TCS NQT Eligibility Criteria: For BE/B. Tech/ M.E./M. Tech

We will discuss the eligibility criteria for the above-mentioned courses. Almost all the branches are eligible but CS/IT is preferred.

- Should have more than 60% in Xth standard.
- Should have more than 60% in the XIIth standard.
- More than 6 CGPA or 60 % in graduation.

- If you have any certification in any programming language that will be a pluspoint.
- Only 1 active backlog but try to avoid any backlog.

TCS NQT Eligibility Criteria: Age, Qualifications, Course

In this section, we will discuss the eligibility criteria of various factors.

- **Age:** In the TCS NQT exam of 2023 the candidate who is applying should be at least 18 years old and the maximum age should be of 28 years.
- **Number of Attempts:** As such, there is no limit on the number of attempts of a candidate unless he is within the required age limit.
- **Experience:** Freshers who have less than two years of experience can apply to TCS NQT.

TCS NQT Eligibility Criteria: Important Points

Here are some of the important points you should keep in mind.

- All applicants must have their original papers on hand for the interview process in case they are required to present them, including proof of age, education, nationality, etc.
- Candidates who have academic gaps of more than 2 years are not eligible to apply for admission. Regarding this topic, there is no leeway given.

1.6 Placed Students :

As of now data available the students placed are :

KURKURE KARTIK SATISH Mech TCS (Off Campus) CHINTAMANI THERMAL 13

1.7 Frequently Asked Questions :

1.7.1 Email Writing Questions :

Directions:

1. Use all the phrases given.
2. Minimum words should be 50 otherwise your email cannot be validated.

3. Addressing and signing should be done as in the question given.
4. Common grammatical rules, punctuation should be according to standard English.
5. You can use your own phrases along with the phrases given.

a) **Question :** As a supplier, write an email to the manager of RD Wheel company, Mr.Malhotra, intimating of their payment that is due for the products delivered to them three months ago. Sign the email as Sameer

Phrases:

On time - delivery of goods - three months - credit period - overdue - payment -
of the earliest - longstanding - relationship

Solution – Sample E-mail:

Hi Mr Malhotra,

You are a valued customer of our company for a very long time and we appreciate doing business with you. You have always made on time payment of the delivery of goods but recently, we have observed an extreme delay in payment. Moreover, the three months credit period is also over and still, the payment is overdue. I would request you to make payment for the above goods delivered of the earliest. We are looking forward to the payment at earliest and a longstanding relationship in doing business with your company.

*Thanks and regards,
Sameer.*

b) **Question :**

As a member of your residential society, write an email to the inspector of the local Police station, Mr.Agarwal, informing him about miscreants who ride their bikes rashly every evening outside your society. Sign the email as Shyam.

Phrases:

residential area - ride - rashly - children - play - elderly - walk - grocery shop -

across the road - dangerous - accidents - nuisance - action - immediately.

Solution – Sample E-mail:

Dear Mr Agarwal,

I am a resident of Lajpat Nagar and on behalf of the society, would like to bring to your kind attention regarding the rash driving during the evening hours in the residential area of the society. The evening is the time when all the children come out to play and the elderly commences there evening walk. Being a residential area, there is a grocery shop across the street and now and then people walk across the road to buy groceries. For many days, the rash driving of miscreants is causing dangerous problems for the people, leading to accidents.

This is causing a constant nuisance to the people and action must be taken to curb this problem immediately.

Yours sincerely,
Shyam.

c) Question:

As your company is doing good business and expanding, your company is relocating its office to a new address. Using the following phrases, write an email with a minimum of 70 words and a maximum of 100 words to your customer informing the change in address.

Phrases:

near outer ring road - shifting to - bigger office space - November 10 -
change in telephone number - new address is provided below - fourth floor -
Cessna Business Park.

Solution – Sample E-mail:

Dear All,

It gives a pleasure in announcing the expansion of this company, a sign of growing business and increasing clientele. For a better productivity result, we are relocating the company and shifting to a bigger office space from November 10th onwards. New facilities and amenities shall be installed along with modern state of art amenities. There has been a change in telephone number along with the new address is provided below:

Fourth Floor, Cessna Business Park(Near Outer Ring Road), Noida.

Phone: 1234567890

Please make a note of this to serve our clients better.

Thanks and Regards

1.7.2 Aptitude and Reasoning Question :

1. An exam was conducted and the following was analyzed. 4 men were able to check some exam papers in 8 days working 5 hours regularly. What is the total number of hours taken by 2 men in 20 days to check double the number of exam papers?

Answer: 8 hours

1. Solution:

*Assuming that 1 unit of work is done in 1 hour Let's calculate the total number of working hours: $\Rightarrow 4 * 8 * 5 = 160$ units Now the work is doubled: $\Rightarrow 160 * 2 = 320$ units Let 'x' be the number of hours taken by 2 men to complete the work in 20 days. Therefore, $\Rightarrow 2 * 20 * x = 320 \Rightarrow x = 8$ hours (Answer).*

- 2 The numbers from 101 to 150 are written as, 101102103104105...146147148149150. What will be the remainder when this total number is divided by 3?

Answer: 2

2 Solution:

The divisibility rule for 3 is that the sum of all digits of a number should be divisible by 3. Let's calculate the sum of the digits: There are 50 1's (unit place) = 50 There are 10 1's (tens place) = 10 There are 10 2's (tens place) = 20 There are 10 3's (tens place) = 30 There are 10 4's (tens place) = 40 There is one 5 (tens place) = 5 For each number 1 to 9, there are 5 sets of sum $45(1+2+\dots+9) = 225 \Rightarrow$ So sum of all digits = 380 $\Rightarrow 380 / 3 = 2$ (Answer)

1.7.3 Programming Logic Questions :

The questions are broadly divided into three main topics they are 1.Data Structures 2. Algorithms and 3. Object Oriented Programming.

here the training and placement data of TCS ends.

Accenture

About Company :

Accenture PLC is a global management consulting and professional services company that provides a strategy, consulting, digital, technology and operations services. A Fortune Global 500 company, it has been incorporated in Dublin, Ireland, since 1 September 2009.

Accenture's current clients include 94 of the Fortune Global 100 and more than three-quarters of the Fortune Global 500. In 2016, Accenture was ranked #272 on the Forbes Global 2000 list, ranked #305 on the Fortune Global 500 list, the firm was named 15th in the Top 50 Companies for Diversity by DiversityInc. Fortune named Accenture one of the top 100 companies to work for from 2009 to 2017.

Recruitment Process:

Accenture conducts 3-4 rounds to select freshers as SDE in their organisation.

- Aptitude test
- Technical interview
- HR interview

Academic Criteria:

- 70 percent or above in B.Tech, Class X and XII.
- No backlogs at the time of interview

Written Round:

The Written round consists of three major sections namely General Aptitude Test, logical aptitude test and Verbal Ability Test.

Technical Rounds:

The students who clear the written round are called for Technical Interview. There is no hard & fast rule for which questions will be asked in this round, you can expect questions on any topic depending on the panel. To clear this round you should be clear with your basics. You should be prepared with Data structures and Algorithms, DBMS, Operating System, Networking, OOPs concepts and a programming language of your choice. Students from branches other than CS should prepare for other two subjects related to their branch. CS students will be expected to write codes in the interview. They also ask questions from resume. You may be asked puzzles in this round. To be prepared for puzzles you can practice from our [Puzzles section](#).

HR Round:

You can expect HR questions like :

1. Tell me about Yourself
2. Why Accenture ?
3. How you see yourself after five years from now ?
4. What are your strengths and weaknesses ?

5. Questions form resume
6. Questions form Internship/prior projects

Questions Asked in Accentu   :

1. [\[Bubble Sort \(Function Problem\)\]](#)
2. [Binary Search \(Function Problem\)](#)
3. [Insertion Sort \(Function Problem\)](#)
4. [Check if a number is Perfect or Imperfect](#)
5. [Cycle race](#)
6. [Series Question](#)
7. [Brain teaser Puzzle](#)
8. [Mother and children](#)
9. [Bob and farmer](#)
10. [Check your aptitude](#)

Where to Apply ?

- [Accenture Careers](#)
- [Accenture Official Website](#)

Accenture Average Salary Structure:

Application Development Analyst (13.9k Salaries)2 – 5 yrs exp	6.4L (5L-9L)
Senior Software Engineer (10.2k Salaries)4 – 8 yrs exp	9.6L (7L-13L)
Team Lead (9.1k Salaries)6 – 12 yrs exp	13.6L (7.8L-19.3L)
Software Engineer (8.3k Salaries)2 – 5 yrs exp	6L (4.2L-9.6L)
Application Development – Senior Analyst (6.5k Salaries)3 – 7 yrs exp	10.3L (7.5L-14L)
Transaction Processing Associate (5.6k Salaries)1 – 5 yrs exp	2.8L (1.8L-4L)

Associate Software Engineer (4.8k Salaries)0 – 3 yrs exp	4.2L (3.3L-5L)
Senior Analyst (4.8k Salaries)4 – 10 yrs exp	9.9L (5.6L-13.6L)
Associate Manager (4.8k Salaries)9 – 16 yrs exp	20.7L (15L- 27.4L)
Application Development Team Lead (3.8k Salaries)6 – 11 yrs exp	14.4L (11L-19.2L)

INFOSYS

Infosys is a multinational information technology and consulting company headquartered in Bangalore, India. It is one of the largest IT services companies globally and a major player in the technology industry. Here's a short note about Infosys:

Founding and History:

Infosys was founded in 1981 by N.R. Narayana Murthy and a group of six other engineers in Pune, India.

It initially started as a small IT consulting and services company and has since grown into a global technology powerhouse.

1.1 Eligibility Criteria:

Candidates must have a minimum of 60% (6 CGPA) or above in Class 10th and Class 12th.

A minimum of 65% (6.5 CGPA) or above in Graduation is required.

Candidates should have no active backlogs or arrears at the time of the selection process.

A maximum education gap of 2 years between Class 10 and Graduation is allowed.

Candidates who have participated in any Infosys interview process in the last 9 months are not eligible.

1.2 Test Pattern:

The Infosys online test follows an adaptive test pattern.

The test includes sections on Mathematical Ability, Analytical Reasoning, Verbal Ability, Pseudo Code, and Puzzle Solving.

Each section has a specified number of questions and time limits, with varying levels of difficulty.

Test Sections:

Mathematical Ability: 10 questions in 35 minutes (Medium difficulty).

Analytical Reasoning: 15 questions in 25 minutes (Medium difficulty).

Verbal Ability: 20 questions in 20 minutes (High difficulty).

Pseudo Code: 5 questions in 10 minutes (High difficulty).

Puzzle Solving: 4 questions in 10 minutes (Medium difficulty).

Interview Rounds:

After clearing the online test, candidates proceed to the interview stage.

The interview process consists of two rounds: Technical Interview and HR Interview.

Online Test Requirements:

Candidates should log in within 15 minutes of the test slot start time.

System requirements include a functional webcam, at least an i3 Core processor, 4GB RAM, a stable internet connection, Google Chrome version 70 or above with a disabled pop-up blocker, and no use of mobile phones or calculators during the test.

2.1 Infosys Company Salary:

2.1.1. Software Engineer:

Experience: 1 - 6 years

Average Salary: ₹9,55,815 per year

Salary Range: ₹4.2 lakh per year to ₹18.1 lakh per year

Description: Software engineers are professionals responsible for designing, developing, and maintaining software applications and systems. They play a critical role in the technology sector.

2.1.2. Financial Analyst:

Experience: 3 - 9 years

Average Salary: ₹5,32,789 per year

Salary Range: ₹3.2 lakh per year to ₹6.8 lakh per year

Description: Financial analysts analyze financial data, assess economic trends, and provide insights to assist organizations in making informed investment and financial decisions.

2.1.3. Senior Software Engineer:

Experience: 5 - 12 years

Average Salary: ₹16,64,713 per year

Salary Range: ₹6.7 lakh per year to ₹26.5 lakh per year

Description: Senior software engineers are experienced professionals who lead software development projects, provide technical expertise, and mentor junior team members.

2.1.4. Quality Assurance Analyst:

Experience: 1 - 6 years

Average Salary: ₹7,79,690 per year

Salary Range: ₹3.4 lakh per year to ₹12.2 lakh per year

Description: Quality assurance analysts focus on testing and ensuring the quality and functionality of software products before they are released to customers.

2.1.5. Associate Software Engineer:

Experience: 0 - 3 years

Average Salary: ₹6,77,420 per year

Salary Range: ₹4.0 lakh per year to ₹9.2 lakh per year

Description: Associate software engineers are entry-level professionals who assist in software development, coding, and testing under the guidance of senior team members.

3 Infosys Interview experience

3.1. Eligibility Criteria and Preparation:

The student emphasizes the importance of meeting Infosys's eligibility criteria, including a maximum two-year education gap and specific academic percentages.

The minimum academic requirements are 60% in Class 10th and Class 12th and 65% in B.Tech, ensuring that candidates with strong academic backgrounds are preferred.

3.2. Interview Stages:

The interview process consists of two stages: the Written Test and the HR Interview.

3.3. Written Test:

The Written Test evaluates candidates in three key areas: Quantitative Aptitude, Logical Reasoning, and Verbal English.

The student notes that there was no negative marking but mentions the presence of a sectional cut-off, indicating that candidates need to perform well in each section.

The paper is described as tricky yet straightforward, suggesting that it challenges candidates while remaining manageable with the right preparation.

3.4. HR Interview:

The HR Interview is characterized by the student as more focused on HR questions than technical ones. The student's preparation includes dressing appropriately and displaying confidence during the interview.

The interviewer asks typical HR questions, such as self-introduction, strengths, and weaknesses, and why the student should be hired.

The interview also delves into the candidate's project experience and their motivation for choosing the IT field.

3.5. Successful Outcome:

The student successfully cleared the interview rounds and secured a job at Infosys.

The candidate acknowledges the role of preparation, mentioning that they prepared for such questions through PrepInsta, which provided valuable insights before the interview.

3.6. Key Takeaways:

This experience highlights the importance of meeting eligibility criteria and preparing for both technical and HR questions.

It underscores the value of good communication, analytical skills, and interpersonal abilities in the HR interview.

Candidates are encouraged to dress professionally and display confidence during the interview.

The experience suggests that Infosys values candidates who have a strong academic background and meet their specific criteria.

4. Infosys HR Interview Questions

4.1. Tell me about yourself:

This is a standard opening question. Provide a brief overview of your education, background, and any relevant experience or projects.

4.2. Why do you want to work for Infosys?

Be prepared to explain why you are interested in joining Infosys and what attracts you to the company.

4.3. What do you know about Infosys?

Research the company and its values, culture, and recent achievements. Discuss how Infosys aligns with your career goals.

4.4. Describe your strengths and weaknesses:

Highlight your strengths, such as problem-solving abilities, teamwork, or adaptability. For weaknesses, focus on areas where you're actively working to improve

.

4.5. Tell me about a challenging situation you faced and how you resolved it:

Provide a specific example of a challenge you encountered, your actions to address it, and the positive outcome.

4.6. Describe a project you've worked on:

Discuss a project from your academic or extracurricular activities, emphasizing your role, contributions, and what you learned from the experience.

4.7. What are your technical skills?

Mention the programming languages, tools, and technologies you are proficient in and how they align with the role you're applying for.

4.8. How do you handle pressure or tight deadlines?

Explain your approach to managing stress and meeting deadlines, possibly with an example from your past experiences.

4.9. Where do you see yourself in five years?

Share your career aspirations and how you envision your professional growth within Infosys.

4.10. Are you open to relocation or working in different locations?

Infosys has offices worldwide, so be ready to discuss your willingness to relocate or work at different locations if necessary.

4.11. How do you stay updated with the latest technology trends?

Mention any online courses, certifications, or tech-related communities you're involved in to demonstrate your commitment to staying current.

4.12. Do you have any questions for us?

Prepare thoughtful questions about Infosys, the role, or the team to show your genuine interest in the company.

2 JP Morgan Company:

here the training and placement data of JP Morgan starts.

1.1 JP Morgan Company Time Table :

JP Morgan Recruitment 2023 Overview				
Recruiting Body	JP Morgan			
Test Name	JP Morgan Test			
Cycle	April	July	August	October
Last Date to Apply	25th March 2023	1th July 2023.	29st July 2023	28th September 2023
Exam Dates	10th April 2023 Onwards	11th July 2023	8th August 2023	20nd October 2023
Mode of Exam	Online			
Age Limit	18 to 28 years			
Qualification	UG/ PG students of B.E. / B.Tech / M.E. / M.Tech / MCA/ M.Sc			
Experience	Freshers (Experience up to two years is allowed)			
Selection Process	Test and Interview			
Exam Pattern	Two sections- Numerical and Verbal(18-25 Questions)			
Exam Duration	25 minutes			

1.2 About Company

JPMorgan Chase & Co. is an American multinational and universal bank and financial services firm headquartered in New York City and incorporated in Delaware. It is the largest bank in the United States and the world's largest bank by market capitalization as of 2023

1.3 JP Morgan Test Pattern

Selection Process:

The company conducts recruitment process every year to select new candidates. The selection process of the company consists of 4 rounds. These rounds are as follows:

- Written Exam
- Group Discussion
- Technical Interview
- HR Interview

Academic Criteria:

- 60 percent throughout (Class X, XII, Graduation).
- No backlogs.

Pattern of Written Exam:

Section	No. of questions	Time Alloted(In mins)
Numerical Test	18-25	20-25
Verbal Test		

The total time allotted in the written exam is 20-25 minutes. There is no negative marking in the paper.

- Numerical section consists of questions from topics such as Syllogisms, Series Completion, Venn diagram and Coding - Decoding. This section also contains questions related to simple mathematics.
- Verbal section consists of questions from topics such as Reading Comprehension, Synonyms, and Antonyms, Fill in the blanks and Sentence correction.

Overall the level of the paper is easy to moderate. Only those candidates who clear the written exam will qualify for the next round.

*The Company reserves the right to make changes in the written exam.

1.4 Interview Experience

JP Morgan Chase recently visited our campus for hiring students for Software Intern roles. The overall process was of 4 stages and each of the stages was eliminatory. Students from any department with a CGPA of 7.0 were allowed to sit for the test.

Round 1 (Pymetrics+ Online Test):

A pymetrics test link was forwarded to all the applicants. It was mandatory to take the test. It was a series of 12 games which were logical puzzles and brain teasers. The purpose of the test was to give the recruiters a basic idea of your reasoning and empathy. After this, an online coding round was held which consisted of 2 coding questions.

- First question: A string in the form of a sentence is given. The string should be reversed word-wise i.e., the first word will be the last word of the new string etc. Also, the first letter of the sentence should be upper case and the string should end with a full stop. The function should return the modified string.
- Second question: An incomplete sudoku is given with 0's in the unfilled places. The task is to print solved sudoku.

Out of 600 plus applicants, 83 were shortlisted for the next round. Students who solved 1 question completely and the other partially, were shortlisted.

Round 2(Technical Interview):

This round was majorly about my projects and coding questions. The interviewer had gone through my resume and told me to explain my projects in brief. After that, he asked some questions about my projects. The questions were more of how I would handle the project under different scenarios. After this, we moved to Hackerrank Coderpad on which he gave me two coding questions. I was given seven minutes for each of the questions.

- First question: There are 'n' vertical lines and 'm' horizontal lines which form a grid. A number 'l' will be given which refers to the number of blocks eliminated from the left side of the grid formed by the two middle horizontal lines. I have to write pseudocode to get the number of squares possible from the given grid. I explained my approach and wrote the code.
- Second question: A set of co-ordinates was given on a 2D plane which is actually the locations of some cities. I was asked to design the shortest path between a source city and a destination city which maps as many intermediate cities as possible but also is as optimal as possible. I've solved this question by modifying BFS. My approach was that at any city, I will pick the city which is closest to the straight line from the current city to the destination city. So I'll first identify the list of adjacent cities which are in the direction of the straight line and I'll choose the optimal one out of those. The interviewer was satisfied with my approach and I coded it completely.

Finally, I was asked if I had any questions and I asked him about the work culture and about the one thing that motivates him to go back to work every

day. The round lasted for an hour. Out of 83 students, 45 were shortlisted for the next round.

Round 3(Technical+HR):

The interviewer first asked me to introduce myself. He then asked me some interesting questions like 1) If I had to pick one world problem to solve, which one would I choose? 2) If there's no such thing as coding, what job would I pick? 3) Would you rather pick an easy and less innovative project over a risky and highly innovative one etc? There was a brilliant rapport established between the interviewer and me. He seemed to be very impressed with my ideas and thoughts.

The round lasted for 20 minutes. Out of 45 students, around 25 students were selected for the final HR round.

Round 4(HR):

In this round, I was asked several standard HR questions. The interviewer first asked me to explain my projects in brief. He then asked me what I know about JP Morgan. He also asked me why I applied for a software role despite being an Electronics student. This question is very important. You should convince the interviewer that you like programming over your department but also, you should maintain the honour of your department. He then asked me to explain what Investment banking is in a line or two. Finally, I was asked if I had any questions for him and I asked similar questions as in the 2nd round.

The round lasted for 15 minutes. Out of 25 students, 15 students were selected and fortunately, I was one of them. I was so elated when the results arrived and all the hard work paid off.

Tips:

1. Coding skills are very important. Giving regular contests on sites like Codeforces enhances your implementation skills.
2. Thorough knowledge of Data Structures and Algorithms is important and I personally used Geeksforgeeks as this site has an exhaustive collection of concepts and articles.
3. Be honest in the interview. A slight impression that you're lying can blow out your chances of being selected.
4. You should fully know your projects as any kind of questions can be asked.

5. When you're asked to write a code for a question, do not jump into coding directly. First, explain your approach clearly to the interviewer and then proceed to code. If you are asked to write pseudocode, use relevant variables such as cost, distance etc. instead of x,y etc.

6. Don't be worried that you'll get nervous. Most of the interviewers are cool and things would get easy as the interview proceeds. A good rapport and engaging discussion matter very much in the interviews.

1.5 Interview Questions

Technical/Skills Questions

1. Rank the top three skills you believe are important to perform this job well.
2. Describe the latest new technology you used to become more productive at work.
3. How do you handle stressful situations?
4. If hired, what do you predict will be the most important hurdle to overcome in your first 90 days on the job?
5. What unique skill or trait would you bring to this position?

Company-specific

1. How would you describe the business of JPMorgan Chase?
2. Explain how you believe JPMorgan Chase embodies its business principle of operational excellence.
3. Can you describe any of the company's other business principles?
4. If hired, how would you support JPMorgan Chase's cultural value of diversity and inclusion?
5. Describe the behaviors you believe we expect of employees to meet our code of conduct and ethics.

1.6 Students Placed from VIIT College

MAHAK AGARWAL Comp JP MORGAN 17.75 Lakhs Package

GUPTA ROHAN DEEPAK Comp JP MORGAN 17.75 Lakhs Package

SHIVANI AIMAN AHMAD Comp JP MORGAN 17.75 Lakhs Package

RODGE PRANAV KADUBAL IT JP MORGAN 17.75 Lakhs Package

1.7 Interview Process

JP Morgan Recruitment Process

1. Interview Process

The applicants are needed to go through a thorough recruitment procedure at JP Morgan. JP Morgan assesses the technical, logical, and analytical ability of the candidate. JP Morgan's interview rounds generally consist of 4 rounds that are listed below:

- Online assessment
- Behavioral Interview
- Technical Interview
- HR round

Note that each round is an elimination round. Therefore, you must be required to clear all the rounds during this process.

2. Interview Rounds

1. Online Assessment: The Online assessment at J.P. Morgans generally consists of the following two sections:

- **Aptitude and general ability:** This section contains aptitude and general ability questions to assess the logical ability of the candidate. This round generally consists of 30 questions.
- **Coding Questions:** Two questions of easy to medium difficulty. Prepare data structures and algorithms well for this round and you are good to go for this round. You can practice questions from our website by using the [link](#)

2. Technical Interview: Candidates who could clear the online assessment are invited for the technical interview. This round at JP Morgan generally takes place on **HIREVIEW** platform. Mostly the questions asked in this round are related to projects. Make sure you know every aspect of your project. You also need to have good knowledge of computer fundamentals topics like Operating systems, DBMS, OOPS, and Networking. For the experienced folks, the previous working experience is also discussed in this interview round.

- From the Database management system, most of the questions asked by JP Morgans are from Keys (Primary, Secondary, Candidate, Alternate, Super),
- From the Operating system, most questions are asked from Deadlock, Multiprogramming, Multithreading, etc. .

Generally, each candidate has to go through one technical interview during this process.

3. Behavioral Interview: Behavioral interview at JP Morgan focuses on asking questions to evaluate your past behaviours and experiences that are related to the circumstances that you will encounter in the job profile for which you have applied.

This round includes the following types of questions:

- Describe a time when you have to work with a difficult person in your team.
- Tell me about a time when you positively impacted a project. How did you measure success?
- Tell me about a scenario when a project didn't go according to your plan, and what you did to get it back on track?

Through hackathon:

JP Morgan also hires through the “**Code For Good Hackathon**”. It is a 24 hours long hackathon in which you are required to collaborate with other candidates to develop innovative technology solutions for non-profit organizations. The mentors judge you during this process.

4. HR Interview:

The next round after the technical and behavioural interview round is generally the HR round. Through this round, the company wants to assess whether the candidate is a cultural fit. At JP Morgan HR interview round is an important round and the candidate must not underestimate this round. Though the HR interview round is considered the easiest round, you must be well-prepared for an HR Interview.

The interviewer asks questions based on your resume. So, make sure you mention things that are true to the best of your knowledge in the resume.

The most frequently asked HR interview questions are the following:

- Why are you interested in working for the JP Morgan company?
- What do you know about JP Morgan corporate?
- Tell me about a time when you worked effectively under pressure.
- Tell us about your experience working in a closely related field.
- What do you think are your strengths and weaknesses?
- What is your biggest strength?
- Who is the CEO of the company?
- How would you deal with a team member who does not work up to their full potential?
- Who has been your inspiration as a leader?

You can prepare using this [link](#).

JP Morgan Technical Interview Questions: Freshers and Experienced

3. Differentiate between abstract class and interface.

Abstract Class	Interface
Abstract class can contain abstract as well as non-abstract methods.	Interface can contain abstract methods only. After, Java 8 is allowed to have default and static members also.
Multiple inheritance is not achievable through the abstract class.	The interface supports multiple inheritances.
An abstract class can contain final, non-final, static and non-static variables.	The interface can contain only static and final variables.
An abstract class can be used to provide	Interface can't provide the implementation of an

Abstract Class	Interface
the implementation of the interface.	abstract class.

4. What is a deadlock and discuss the necessary conditions for deadlock?

Deadlock is a situation in which two or more processes wait for each other to get complete but none of them can ever complete (More specifically, they wait for the resources being held by the other).

Let us consider a scenario in which there are three different resources Resource1, Resource2, and Resource3, and three different processes Process1, Process2, and Process3. Resource1 is allocated to Process1, Resource2 is allocated to Process2, and Resource3 is allocated to Process3. After some time, Process1 asks for Resource1 that is being used by Process2. Process1 stops or halts its execution as it cannot be completed without Resource2. Process2 also demands Resource3 which is being used by Process3. Likewise, Process1 and Process2 also halt their execution because they cannot continue without Resource3. Process3 also asks for Resource1 which is used by Process1. Eventually, Process3 also halts its execution.

The four necessary conditions for deadlock are listed below:

1. **Mutual Exclusion:** It states that a resource can be used in a mutually exclusive manner. It means that two or more two processes cannot share a resource at the same time.
2. **Hold and Wait:** A process holds for a resource (that is being held by another process) while holding another resource.
3. **No preemption:** A process cannot release a resource until it gets completed.
4. **Circular wait:** It is a logical extension of hold and wait. It states that all the processes are arranged in a cyclic manner. Each process in the circular list waits for the resource being held by the next immediate process.

For example, if $P[i]$ is the process and there are N number of processes in total, then the $P[i]$ process waits for the resource allocated to the $P[i] \% (N + 1)$ process.

5. How is a method is different from a constructor?

Method	Constructor
Method is used to depict the functionality of an object.	A constructor is used to initialize an object.
Methods are invoked explicitly.	Constructors are invoked implicitly.
The method must contain a return type.	Constructors don't contain any return type.
If a method is not specified by the user, no default method is provided.	If a constructor is not specified by the user then in that case default constructor is provided by the compiler.

6. Differentiate between multitasking and multithreading?

Multitasking	Multithreading
In multitasking, the CPU can form more than one task.	In multithreading, a process is divided into many sections and each section is allowed to run concurrently.
In multitasking, processes do not share resources.	In multithreading, different threads share the same resource.
Termination of the process takes	Termination of thread takes less time.

Multitasking	Multithreading
more time.	
It helps in the development of efficient programs.	It helps in the development of an efficient operating system.

7. What is inheritance? Also, discuss various types of inheritance?

In the context of a class, inheritance is the capability of a class to inherit the properties and characteristics of another class. Inheritance is considered one of the most important concepts of Object-Oriented Programming (OOPS).

In this process, new classes are created from the existing class. The new class created is known as the derived class and the existing class is known as the parent class or base class.

Types of Inheritance:

1. **Single inheritance:** In this type of inheritance only one class is allowed to inherit from one class. In other words, we can say that one derived class is inherited from the base class.
2. **Multiple inheritances:** In multiple inheritances, a class is allowed to inherit from more than one base class. Some languages, like C++, support multiple inheritances but other languages like Java don't. Though, in Java, we can achieve multiple inheritances through an interface.
3. **Multilevel inheritance:** In multilevel inheritance, a derived class inherits another derived class.
4. **Hierarchical inheritance:** In this type of inheritance, more than one derived class are inherited from a common base class.
5. **Hybrid inheritance:** Hybrid inheritance is also known as virtual inheritance. It is a combination of more than one inheritance. For example, we can combine hierarchical inheritance and multiple inheritances.

8. Differentiate between thread and process?

Thread	Process
Thread is the segment of a process.	A program into execution is known as a process.
Thread generally takes less time to get complete.	The process takes a long time to get complete.
It takes less time while context switching.	It takes more time while context switching.
Thread shares memory.	Process is isolated.
Less time is required for its creation.	More time is required for its creation.

9. What is an object-oriented model?

An object-oriented model is a way to apply object-oriented concepts to all the stages of the software development cycle. In an object-oriented model, we think about the problems using models organized around real-world problems.

The main objective of the object-oriented model is the following:

1. Testing an entity before actually starting building it.
2. Coordination with the customers.

3. Visualization.
4. Reducing complexity that leads to scalable products.

10. Problem statement: You are given the head of a linked list, to determine whether the cycle is present in the linked list.

Input Format:

You are required to complete `bool hasCycle(ListNode* head)` function.

Output:

True: If loop or cycle is present

False: Otherwise

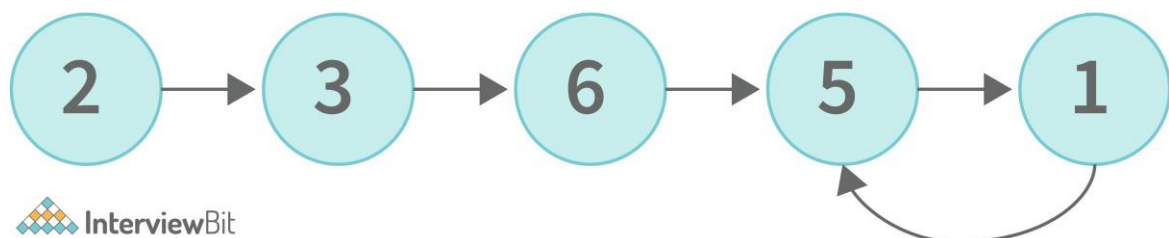
Constraints:

$1 \leq \text{Number of nodes in both the lists} \leq 10^5$

$-10^5 \leq \text{Node.Val} \leq 10^5$

Time Limit: 1 sec

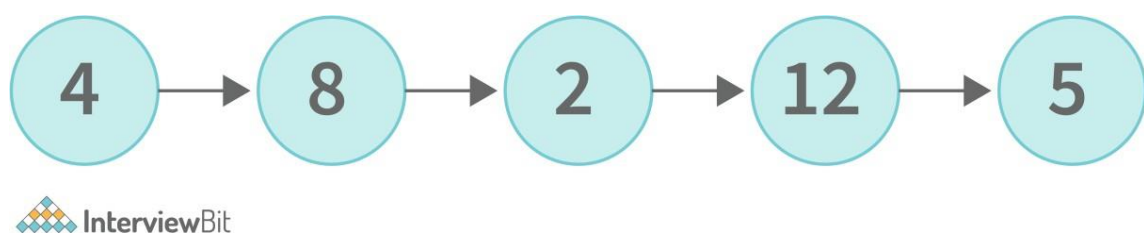
Sample Input 1:



Sample Output 1:

True

Sample Input 2:



Sample Output 2:

False

Approach

To solve this problem, you need to go back to your high school physics. Let us consider a scenario in which you and one of your friends are running on a circular track but with different speeds. You both started running at the same point initially. Now a moment would come when you both again meet at some position.

We can use this concept to solve this problem.

Source Code:

```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     ListNode *next;
 *     ListNode(int x) : val(x), next(NULL) {}
 * };
 */
class Solution {
public:
    bool hasCycle(ListNode *head) {

        /*
         slow pointer moves one step forward at a time
         fast pointer moves two step forward at a time
        */

        ListNode* slow = head;
        ListNode* fast = head;

        /*
         Iterating using do while loop to check
        */

        do
        {
            /*
             Since, fast pointer moves faster
             hence if loop is not present in the linked list
             then it will be the first to encounter NULL
            */
            if(!fast)
                return false;
```

```

    /*
       Otherwise we will move slow pointer and fast pointer
       one step forward
       If fast pointer is not NULL then we will move
       fast pointer again one step forward
       Otherwise, we would return false

    */

    slow = slow -> next;
    fast = fast -> next;
    if(fast)
        fast = fast -> next;
    else
        return false;
}

while(slow != fast);

/*
   If everything remains fine that it means both pointers
   now point to the same node
   Hence, we will return true
*/

return true;

}
};

```

11. What is a singleton class?

Singleton class is a class that can have only one object at a time. After this, if you further try to create an object of the Singleton class, then the new variable also points to the first object that you had created initially. So whatever changes you do to any variable inside the class through any object, it affects the variable of the single instance created.

12. Differentiate between String and StringBuffer?

String	StringBuffer
It is a non-mutable class.	It is a mutable class.
It is slow and consumes more memory space.	It is fast and takes less memory space.
The string class uses a string pool area.	StringBuffer uses heap memory.
String class overrides the equals() method of an object class. So using the equals() method you can compare two strings easily.	StringBuffer class doesn't override the equals() method of an object class.

13. Problem statement: You are given an array nums having n integers colored red, white, or blue, sort them in place so that objects of the same color are adjacent, with the colors in the order red, white, and blue.

Here 0, 1, and 2 represent the colors red, white, and blue, respectively.

Input Format:

You are required to complete void sortColors(vector<int> &nums) function.

Output:

You are not required to return anything (Just sort the array)

Constraints:

$1 \leq n \leq 10^5$

nums[i] can be 0, 1 and 2 only for i in the range $0 \leq i \leq n - 1$

Time Limit: 1 sec

Sample Input 1:

2	2	1	0	1	0	2
---	---	---	---	---	---	---

**Sample Output 1:**

0	0	1	1	2	2	2
---	---	---	---	---	---	---

**Sample Input 2:**

0	1	1	2	1	0	2
---	---	---	---	---	---	---

**Sample Output 2:**

0	0	1	1	1	2	2
---	---	---	---	---	---	---



Approaches

1. Sort the array using the merge sort algorithm:

- We can simply sort the array using the merge sort algorithm.
- **Time Complexity:** $O(N \log N)$ where N is the number of elements in the array.
- **Space Complexity:** $O(1)$

2. Using three variables:

- We can create three variables zero, one and two. All are initialized as 0. Now we will iterate over the nums and increment zero by once if the current element is 0 or increment one by once if the current element is 1 otherwise we will increment two by once.
- Then, we will iterate through the nums again and start assigning 0 at positions and decrementing the value zero unless and until zero becomes equal to 0, then we will continue the same thing for one and then for two.
- **Time Complexity:** $O(N)$ Where N is the number of elements in the array.
- **Space Complexity:** $O(1)$

3. Dutch National Flag algorithm: Though, the second approach mentioned above takes $O(N)$ time. But sometimes the interviewer puts forward the constraint to solve the problem in a single pass only.

- Let's initialise three-pointers low, mid and high as 0, 0 and $N - 1$ respectively.
- We will iterate over nums till mid is less than equal to high.
- If at any step the value of nums at the index mid is equal to 0 then we will swap elements at the positions low and mid. Also, we will increment both low and mid by one.
- Else if the value at the index mid is equal to 2, we will swap the values at positions mid and high. Also, we will decrement the value of high by one.
- Otherwise, we will increment the value of mid by one.

In this way, we will be able to sort the given array in a single pass only.

Source Code:

```
class Solution {
public:
    void sortColors(vector<int>& nums) {

        /*
        0 ... low - 1 : 0
```



```

    low ... mid - 1 : 1

    mid ... n - 1 : 2
*/

// Get the size of the given vector
int n = nums.size();

// Initialize three variables
int low = 0, mid = 0, high = n - 1;

// Iterate till mid is less than or equal to high
while(mid <= high)
{
    /*
        If the value stored at
        mid is zero
        then swap value stored at mid
        with the value store at low
        increment low and mid by one
    */
    if(nums[mid] == 0)
    {
        swap(nums[mid], nums[low]);
        mid++;
        low++;
    }

    /*
        Else if the value stored at
        mid is 2
        then swap value stored at mid
        with the value store at high and
        decrement the high variable by one
    */

    else if(nums[mid] == 2)
    {
        swap(nums[high], nums[mid]);
        high--;
    }

    /*
        Else increment mid by one
    */

    else
        mid++;
}

// At the end nums will become sorted

}

```

```
};
```

14. What do you mean by virtual functions in C++?

- A virtual function is a member function that is declared within a base class and defined (or overridden) under a derived class.
- A virtual function can be declared using a virtual keyword. It tells the compiler to do dynamic binding on that function.
- A virtual function cannot be declared as static.

15. Differentiate between super key and primary key?

Super Key	Primary Key
Super key is an attribute (or set of attributes) that uniquely identifies all attributes in a relation.	Primary Key is a minimum set of an attribute (or set of attributes) that has the capability to uniquely identify all attributes in a relation.
For relation, the number of super keys is more than the number of primary keys.	For relation, the number of primary keys is less than the number of super keys.
Super key attributes can contain NULL values.	Primary key attributes cannot contain NULL values.

16. How UNION is different from UNION all?

Union is an SQL command and it is used to join two or more sets into a single set. Two queries can be combined easily into a single result set using the select statements.

Syntax:

```
Query1 UNION Query2
```

Example:

Consider that we have two tables:

Organization1

Employee_Name	Employee_ID
Rahul	7
Amit	11
Sumit	18

Organization2

Employee_Name	Employee_ID
Anita	14
Priyesh	24
Harshit	25

```
SELECT Employee_Name from Organization1 UNION SELECT Employee_Name FROM Organization2
```

Result:

Employee_Name
Rahul
Amit
Sumit
Anita
Priyesh
Harshit

Here, we have used two different tables for extraction of rows but the column specified for extraction is the same for both. Like UNION, we will get an error if different columns are used. It is important to note that the data type specified also must be the same for both queries. Note that the result of UNION contains distinct values only.

Union ALL is also an SQL command and it is also used to join two or more sets into a single set (like UNION). The only difference between UNION and UNION ALL is that UNION marks distinct entries only, whereas the result of UNION ALL may contain duplicate values as well.

Example:

Consider that we have two tables:

Organization1

Employee_Name	Employee_ID
Rahul	7
Amit	11
Sumit	18

Organization2

Employee_Name	Employee_ID
Anita	14
Sumit	11
Harshit	25

```
SELECT Employee_Name from Organization1 UNION ALL SELECT Employee_Name FROM Organization2
```

Result:

Employee_Name
Rahul
Amit
Sumit

Employee_Name
Anita
Sumit
Harshit

Here, we have used two different tables for the extraction of rows but the column specified for extraction is the same for both. Like UNION, We will get an error if different columns are used. It is important to note that the data type specified also must be the same for both queries. Note that the result of UNION ALL can contain duplicate values as well.

17. Define Bus Topology.

Bus topology is an arrangement of devices in which all the computers or devices are connected to a single data line. Data is transmitted from one point to another (One-way flow).

Useful Resources

- [Python Interview Questions](#)
- [Java Interview Questions](#)
- [Selenium Interview Questions](#)
- [Automation Testing Interview Questions](#)
- [Software Engineering Interview Questions](#)
- [Full Stack Developer Interview Questions](#)
- [Front End Developer Interview Questions](#)
- [Technical Interview Questions](#)
- [Coding Interview Questions](#)
- [Interview Resources](#)

JP Morgan Interview Preparation

18. Interview Preparation Tips

1. Practice data structures and algorithms: Prepare well for data structures and algorithm problems. While solving problems make sure to track the time you take to solve the problems. Also, try to cover questions from each and every topic.

2. Go through your resume: Go through your resume at least once before appearing for the interview. Make sure you have written those things in your resume that you are well aware of.

3. Be a good listener: Always listen to your interviewer carefully. Make a note of their hints. If you get stuck, interviewers are always willing to offer you some help.

4. Communicate well: Communication is a key thing in an interview. Learn “think aloud”. While solving a coding problem, you must tell your approach verbally.

5. Ask questions to the interviewer: Show interest in knowing the roles of the interviewer. You should ask questions about their work, experiences at JP Morgan, and the team you will join if you get selected.

6. Give mock interviews: Last but not least, give as many mock interviews as you can. Mock interviews help you improve and gain confidence. You can use **InterviewBit** platform for it.

Frequently Asked Questions

19. What makes you a good fit for the job?

To answer such questions, you must highlight what makes you stand out and why the interviewer should be excited to have you on their team. Speak aloud about what you are good at, and the things you have done in the past that demonstrate your strength and abilities.

20. Why do you want to join JP Morgan?

While answering these types of questions, mention the company's work culture that inspires you to join the company. Also, tell them about your goals to learn new things while working at the company.

For example,

You can say, "I am a determined person and want to work for an organization where I would get the opportunity to work on challenging problems. JP Morgan has a set of principles that are quite impressive. The principles will help me to improve and grow at the same time."

21. Is it hard to get into JP Morgan?

One needs a proper preparation strategy and then anyone can make it to J.P. Morgan easily. To crack interviews you must prepare the following topics thoroughly:

To ace Online assessment and technical interview rounds:

Data Structures and Algorithms:

- Linked lists
- Recursion
- Dynamic Programming
- Sorting algorithms.

DBMS:

- This is the most asked topic after data structure and algorithms.
- Generally, keys and normalization concepts are asked from this subject.

Operating System:

- You must have a good knowledge of how the CPU schedules different tasks in our system.
- Generally, questions from deadlock are asked in the interview.

22. How long is the JP Morgan interview process?

It is a fairly long process. Generally, it consists of **three rounds** but this process can take up to **2 months**.

23. How much time does JP Morgan take to declare the result?

JP Morgan takes **around 3 weeks** to declare the final result.

24. What is a HireVue interview?

After clearing the online assessment round, candidates are required to go through a HireVue interview. HireVue is a kind of software that assesses the candidate on the basis of the traits like body language, eye movement, and more. If you are applying for a software engineer role then you should prepare JP Morgan interview questions to clear this round.

25. What is your biggest failure in your life and how did you handle it?

This is the most frequently asked question in a HR interview. Such types of questions are asked in an interview to assess the honesty and attitude of the candidate. You have to be careful while sharing the incident you choose to explain. The mistakes that resulted in huge losses must be avoided. After sharing the incident, also share the lesson you learnt from it.

For example,

“I was managing a project and the senior authority wanted me to complete the project within two weeks. Since I was quite excited about the project so I decided to take up the project. But the project took more than two weeks time.

After this incident, I always analyze the project first and if I think I need more time for the project to be done, I simply ask them to impart me more time.”

26. What is the eligibility criteria at JP Morgan’s?

The eligibility criteria for software developer roles are given below:

- BS/BA degree or equivalent experience.
- Proficiency in one or more modern programming languages.
- Advanced knowledge of application, data, and infrastructure architecture disciplines.
- Understanding of software skills such as business analysis, development, maintenance, and software improvement.

- Understanding of architecture and design across all systems Working proficiency in developmental toolsets Knowledge of industry-wide technology trends and best practices.

27. Do interns get paid at JP Morgan?

Yes, JP Morgan pays well to their interns. The average stipend is around **Rs. 6,48,053** per year.

JP Morgan Full Time Software Engineer Salary – Rs 17,75,000 Per year

here the training and placement data of JP Morgan Ends.

1. VIIT Process for Training and placement

- The Students are advised to share their personal information on online platform provided by T&P cell. Personal information must contain updated CV (Calyxpod format), scanned copy of all certificates, Photograph and undertaking along with a signed declaration that student will abide by the rules and policy of T&P Cell.
- Undertaking must be signed by all students that he/she wants to opt for either Placement from University or interested for Govt. Job or interested for higher studies. Only those students, who have opted for placement, will be allowed to participate in recruitment process through T&P Cell.
- Undertaking by students along with the parents has to be submitted that they have read & accept Training and Placement Policy (Form P01).

2.Placement Policy for Company

1. The company should provide the relevant details to the Training & Placement Cell (T&P Cell) as an e-mail.
2. The relevant details shared by company are electronically broadcasted to all the students along with the other additional information furnished by the company.
3. The company can ask for the resumes of eligible and interested students and has the liberty to shortlist them before beginning of the placement process.
4. The company will be allotted slots and dates (Placement Calendar) for conducting Pre-Placement Talk (PPT)/Written Test/Online Test with a request to confirm the same by a specified date. On failing to do so, the allotted slot may be given to other companies on their request. Request for any change in the slot can be entertained subject to its availability.
5. Information about the company and the job profile for companies visiting J.C Bose UST, YMCA for internships/placements would be provided to the students.

6. T&P Cell updates Placement Brochure every year and share the same with all recruiters along with campus invite through e-mail. (Format of Brochure – Form P04)
7. T&P Cell generally allots a date and a slot to the company for the final placement process based on the following criteria:
 - a. Job profile and growth prospects
 - b. CTC being offered by the company
 - c. Past records of recruitment
 - d. Internship offered for final year students

3.On-Campus Placement Rules

- The T&P Cell will notify through group mail, online portal, whatsapp group and on the Placement Notice Board all recruitment requests received from the companies with as much of details as made available. Applications will be invited from interested and eligible (as per the criteria, if any, specified by the recruiting company) students. It is the duty of every student to regularly see the Group messages, mails, online portal & Placement Notice Board and comply with the same through CRs (Class Representatives).
- All applications to the companies are to be made only through T&P Cell. If a student does not apply through proper system in coordination with their respective CRs, he/she will not be allowed to participate in the selection process of that company.
- The student can withdraw his/her application to a company ONLY if the last date of application to that particular company is NOT over. There can be no withdrawals after this date.
- After the last date of application all rules and regulations (including absenteeism penalty) will be applicable.
- The decision to apply or not by eligible students will purely be their own.

- 100% attendance is required in the pre placement talks/ presentation. Student absent in placement talks/ presentation will not be allowed to participate in future placement. Students are responsible for their attendance during any activity.
 - In case of a large response to a recruitment opportunity either exceeding the maximum number of applications required by the recruiter or deemed fit by the T&P
- Approved in 37th EC Meeting dated 22/04/2020

VIII

Training & Placement Cell

Cell, selection of number of resumes to be sent will be based on CGPA, Employability Assessment rating / grade, attendance in pre-placement talks and personality development & preparatory classes (including mock interviews), and / or any other criteria decided by the T&P cell. The decision of the T&P cell will be final and binding on all the students.

- It will be mandatory for all short-listed students to appear for the selection process / interview. Any withdrawal / no-show will debar/blacklist them from placement assistance of the University. Show cause notice will be issued against such students. Once show cause notice is issued, students have to come along with their parents in T&P Cell.

Fifteen numbers of maximum attempts

- If any student gets placement offer from the company where he / she did internship after getting selected in another company through campus placement then student will be allowed to decline lower package offer only when the minimum difference between two offers is 5 LPA.
- will be given to a single student to participate in campus drives. If student is not selected by any company even after fifteen attempts then they will not be able to participate / apply in any further

campus drives.

- Students have to join the company who declares their result first, irrespective of package or number of interviews given by students.
- If student is selected in any company having bond / agreement, then he/she will not be able to apply in any other company irrespective of salary package (Dream / Non – Dream).

Registration Procedure

- The Students are advised to share their personal information on online platform provided by T&P cell. Personal information must contain updated CV, scanned copy of all certificates and Photograph along with a signed declaration that student will abide by the rules and policy of T&P cell.
- If any student is not looking for training assistance through University, then he/she must give the same in writing with proper reason as undertaking and his/her name will be removed from eligible students list.

4.Training Duration and Place of Training

- 6-7 months internship is imparted to B.Tech. (Mechanical, Electrical, Electronics Engg.) Students during seventh semester i.e. from 1st June to 31st December every year. Six months project training to B.Tech. (Computer Engg. and Information Technology) students during eighth semester and MCA, Students during sixth semester are imparted from 1st January to 30th June every year.
 - MBA student undergo six weeks project training in June-July every year.
- During the course of training, the organization (where the student is undergoing training) will assign a problem/project to the student. After completion of training, the student will submit a report in the university, which will form the part of third semester examination.

5.Documents submission before Commencement of training

- Student is required to submit a training file to T&P Cell bearing following documents

before proceeding to training:

- o Training letter issued by T & P Cell
- o Training offer letter issued by the industry
- o No dues certificate
- o Photocopies of semester wise DMC
- o Photocopies of Matriculation and Senior Secondary school certificate
- o Personal data form
- o CV (Calyxpod format)
- o Formal dress Passport size photo (5 Nos.)
- o Feedback Form
- o Undertaking regarding training
- o Format of Report to be submitted at the end of Training
- o Soft Copy (pdf file) of all above documents (submit through prescribed emails)

6.Sample Interview Questions

1. Tell me about yourself ?
2. Why should I hire you ?
3. What are your strength and weakness ?
4. Why do you want to work at our company ?
5. What is the difference between confidence and over confidence ?
6. What is the difference between hard work and smart work ?
7. How do you feel about working nights and weekends ?

8. Can you work under pressure?
9. Are you willing to relocate or travel ?
10. What are your goals ?
11. What motivates you to do good job ?
12. What makes you angry ?
13. Give me an example of your creativity?
14. How long would you expect to work for us if hired ?
15. Are not you overqualified for this position ?
16. Describe your ideal company, location and job ?
17. What are your career options right now ?
18. Explain how would be an asset to this organization ?
19. What are your outside interest?
20. Would you lie for the company?
21. Who has inspired you in your life and why ?
22. What was the toughest decision you ever had to make ?
23. Have you considered starting your own business ?
24. How do you define success and how do you measure up to your own definition?
25. Tell me something about our company ?
26. Where do you see yourself five years from now ?
27. On a scale of one to ten, rate me as an interviewer ?
28. Do you have any question for me ?

7.Frequently Asked Questions (FAQ)

1. What is Campus recruitment?

Campus recruitment refers to the process whereby employers undertake an organised program of attracting and hiring students who are about to graduate & postgraduates from universities.

(On-campus / Off campus / Pool-campus/Virtual) The objective of campus placement is to identify the talented and qualified students before they complete their education.

1. What is Campus recruitment?

Normally, the campus placement season begins at the prefinal/final semester. It commences in the month of August and goes on till the end of the academic year.

3. What are the eligibility criteria to register for the campus placements?

Eligibility criteria to participate in the campus placements for the graduating class of 2018 are as below: a. 60% throughout. (10th, 12th, UG/PG)/60% in UG/PG b. No Standing Arrears. c. Students with Standing Arrears (Maximum-02) will be only considered as per the company's discretion. d. Students opting for placements will be given LOR (Letter of Recommendation) for higher studies except the students getting placed in Core / Dream companies.

4. How can I register myself for a particular company's placement process?

Once a recruiter's campus plan is confirmed, all eligible and placement registered students will receive a mail from the Placement Cell with the detailed Job description(Eligibility/company and job profile/Work Location /Salary Package/mandatory requirement) and the respective company willingness registration link. The respective interested student must give his/her confirmation that he/she is willing to participate in the respective campus placements. All students who thus confirm their willingness must attend the respective campus recruitment without fail.

5. What is Company shortlist?

At times, the recruiter may shortlist the candidates from the willingness database sent by the placement cell

6. What are the stages of the recruitment process?

The following are the typical stages of recruitment – elimination happens at every stage

a. Pre-placement Talk (PPT)

b. Aptitude Test / Technical Test (Online/Pen and Paper)

c. Group Discussion(GD)

d. Personal Interview (PI)

e. Technical & HR Interview (TI)

The above mentioned stages may vary as per each company recruitment pattern.

7. Can one student get more than one offer?

The placement policy of the University is designed to benefit all campus eligible students so that maximum number of students gets real opportunity to secure job offers through campus recruitment. a. One offer is allowed for a student to provide an opportunity for pursue a career related to his/her discipline. b. Students who get selected in dream company will not be allowed to participate any further campus interviews with the exception of 'Super Dream' & 'International' opportunities subject to Placement norms.

8. What is Dream, Super Dream & International offer?

- Regular Offers (up to 4 LPA)
- Dream Offers (up to 7 LPA)
- Super Dream Offers (up to 15 LPA)
- Marquee Offers (More than 15 LPA)

9. How do I communicate with a particular Company?

All communications should be routed only through the Placement Cell. No direct communication with company HR should be done. Any communication received from the company by the students should be forwarded to the CRC for the records.

10. What is Aptitude Test?

- a. Consists of Verbal Reasoning, Logical Reasoning and Numerical / Analytical sections.
- b. Duration of the test varies from Company to Company.
- c. Every company has minimum cut-off marks. (Section-wise and Overall).

- d. Some companies may have negative marking also.
- e. Those that clear the Aptitude test will go to the next round of the selection process.

11. What is GD?

GD stands for Group Discussion. GD is conducted to evaluate the students on the basis of knowledge on current affairs, communication skills, leadership qualities and group behaviour. Those who clear the GD will go to the next round of the selection process.

12. What is personal interview (HR)?

HR interviews are conducted to assess Attitude, Communication, Confidence level, Flexibility and Fitment of the candidate into the respective company culture

13. What is technical interview?

- a. It is to assess technical knowledge of the students based on their core area of study.
- b. In case a student has done any certification course, knowledge in that area will also be evaluated

14. Will the results be declared on the same day of the campus placements?

Results will be declared on the same day by most of the companies, but a few companies might announce the results later.

15. What are the documents to be carried by the students on the day of campus placements?

17. I have 6 CGPA but my 10th and 12th are less than 60%. Am I eligible for placement Registration?

18. If I am awaiting results in one company, am I eligible to attend other company?

- a. College identity card.
- b. Three sets of updated Resume, Photocopies of mark sheets & other certification if any.
- c. 2 recent passport size photographs.

16. What is internship?

- a. The selection process for internship is similar to that of full time recruitment process

and the selected students must join as per the company decision. However, final placements are based on the performance during the internship tenure.

b. Student who are selected only for internship are allowed for full time placement

Company process (Internship cum placement will not be allowed for full time placement)

No. Most of the companies prefer candidates with an average of 60% in 10th , 12th, UG / PG :However, criteria may differ based on company's recruitment policy.

You are eligible till the final results are declared by the earlier company. If you are selected it is mandatory to take earlier offer. Attendance Guidelines Student Attendance is part of all Placement Processes whether it is online test or Written test or Technical interview. It is mandatory to sign the attendance sheet; else he/she will be marked absent. Student having given his / her willingness to attend a process is not allowed to be absent without a prior intimation and valid reason. For such absenteeism the link will be given to the students the cutoff time for prior intimation is 3.00pm on the day before the respective campus drive. If prior intimation is not given, you will be blocked for further placement drive. Revoke Absenteeism -Guidelines Revoke Absenteeism form is available in all Placement Cell. The student has to fill all required details, sign the self declaration and submit the Top portion of the form (duly signed by the Class In-charge and HOD with seal) to the Placement Cell. The student whose absenteeism is revoked will be considered only for Jobs being posted after the date of revocation and not for ongoing Placement processes as on date of revocation of absenteeism.

8.Dress Code

8.1Interview Attire for Men

1. Clean Shaven face or Neatly Trimmed beard.
2. Two Piece Suit- Cleaned and pressed, Use conservative colors like Navy blue or Gray.
3. Long sleeves Shirts even in summers- White or light blue solid color.

4. Empty pockets to eliminate bulges.
5. Conservative Tie
6. Belt Matching the color of the shoes.
7. Leather Shoes – black or cordovan. Polish the shoes a night before.
8. No Earrings
9. Clean Trimmed Fingernails.

8.2 Interview Attire for Women's

1. Two Piece matched suit. Skirt should cover the thighs when seated Navy Blue, Black, Gray or Dark brown.
2. Tailored blouse, Shell or Knit Top.
3. Leather Shoes – No Stilettos or platforms.
4. Carry only one bag
5. Avoid perfume and heavy makeup.
6. Clean Trimmed fingernails.