

Technical:

1. Tell about yourself.
2. Basic Network Concepts.(LAN,WAN,MAN,IP Address, Socket, Port.....)
3. About my achievements.
4. All the concepts including connectivity in VB.
5. DBMS (Database Management System) Queries. (i.e.) all basic queries.

HR Round:

1. Tell about briefly yourself excluding the academic performance.
2. What are the subjects that I have learnt up to 3rd – semester.
3. They asked the questions from Business Process.
 - i. Compliance company
 - ii. Business process Re-Engineering etc..,
2. How to implement the business process in state Bank of India?
3. Tell about TCS?
4. What are the values of TCS?
5. Tell about yourself?
6. What is a domain?
7. What are all the areas in which the data Structures are applied?
8. What is the difference between structured and oops?
9. What is the use of recursion and where it is used mostly?
10. Write a program for self structure and self tracing?
11. What are the differences between structured, Block Structured, semi structured?
12. What is Portability?
13. Does C have Oops in it? If yes how?
14. Why you proffered C?
15. Why C is so significant?
16. Write a C program to simulate the Print queue?
17. What are all the indexing technique available?

18. What are the differences between the Linker, D linker, LD Linker?
19. Why you need testing? What are all the different testing techniques available?
20. Write a program to implement all the oops features.
21. What is message passing and dynamic binding?
22. Are you Mobile? Do u aware of bond?

Tech. round

- I. Tell about your self
- II. Language you like more
- III. Pointer in C
- IV. Call by value and call by reference
- V. OOPS concepts
- VI. About my project with details explanation
- VII. Applet in java how to run it
- VIII. Normalization in dbms
- IX. Difference testing in software engineering
- X. Why TCS
- XI. Difference between Java,C,C++

HR round

- I. Tell about your academic details
- II. Tell about my family details
- III. My various projects from UG and PG
- IV. Are you doing any current project
- V. Why you preferred TCS
- VI. Are you mobile
- VII. Do you accept bond system

TCS

Tech. round and HR round

- I. what is OOPS
- II. Polymorphism means
- III. Types of Polymorphism
- IV. Write examples
- V. What is Inheritance
- VI. Types of inheritance
- VII. What is difference between value type and references type give e.g.
- VIII. Define pointer
- IX. Define class
- X. Difference between C++ and Java
- XI. Define OS
- XII. Paging
- XIII. Compiler, interpreter, and Assembler explain it
- XIV. You have any questions

Technical Questions :

1. Tell about yourself.
2. What is your Area of Interest?
3. What is DBMS?
4. Difference between DBMS and RDBMS?
5. Current version of Oracle released?
6. What is trigger and write the query also.
7. What is joins and all its type with query and example with tabular column.
8. About my U.G project (nook and corner questions are asked) with DFD diagram and explain.
9. What is Normalization (all the five)?
10. Network Layers and explain.
11. About my family.
12. About my hobbies. (I said writing poems in Tamil). They asked me to say the poems.
13. About their company questions.

HR Questions :

1. Tell about yourself.
2. What are the subjects I studied in my MCA upto my II year, IV semester.
3. Difference between union and structure.
4. Inheritance Concepts (all the inheritance types with real time example).
5. What is graph, tree? (some basic questions in C and C++)
6. What is OS, all the managements, fragmentation, and paging?
7. What and Write a query to select, create, trigger, joins?
8. What is foreign key, primary key? Is primary key is always a unique key?
9. Normalization.
10. All the network layers,.
11. What is TCP, UDP and IP?
12. What is Analysis phases and testing?

13. They asked me to put the normalization concepts in My U.G project and asked to draw the form design and tables. Question from VB (textbox, label box, command button)
14. Family Background.
15. Hobbies (asked me to say the poems)
16. I said that I am very much interested to work with team, so they asked me to justify.
17. Are u mobile! , are u work in night shifts, do u know about the bond system of company.

Technical Questions:

1. Tell about yourself.
2. Explain about the project.
3. What is meant by ASP?
4. What is meant by DB?
5. Write an SQL query to view the details of an employee who is getting highest salary, and also to view the employee details who is getting next highest salary.
6. Basic SQL queries.

HR Questions:

1. Tell about yourself
2. Basic Questions in C, C++, VB, Java
3. Write a sorting program in C?
4. Usage of command button in VB and to explain it with an example.
5. Difference between C++ and Java.
6. What is meant by TCP/IP?
7. What is meant by DBMS?
8. Is Java platform is independent or dependent?
9. Are u mobile?

TECHNICAL ROUND

1. Tell me about yourself.
2. What are your areas of interest?
3. What do you mean by thread?
4. What is deadlock?
5. Who was djisktra?
6. What is shortest path algorithm?
7. What is Quick sort? Explain?
8. What is heap sort? Explain?
9. Explain any sorting algorithm?
10. Which is the most efficient sorting algorithm? Why?
11. Write a program to transfer the contents of a file into an array using c?
12. How to avoid deadlock?
13. What is binary tree?
14. Explain any one scheduling algorithm?
15. Have you done any projects?
16. Do you have any idea for your final year project?
17. Do you have any questions?

MR ROUND

1. Why do you want to join TCS?
2. Tell something about TCS?
3. Tell about your college?
4. Where do you see yourself 5 years down the line?
5. What does your sister do?

6. Do u have any questions?

TECHNICAL ROUND

1. Write any C program within 1 minute?
2. Explain your mini-project?
3. What is long sight and short sight?
4. Do you have any questions?

HR ROUND

1. What is your salary expectations?
2. What will you do for the society?
3. How much will you spend for the society, if I give Rs.5000?
4. How much will you spend for the society, if I give Rs.50,000?
5. Who is our Prime Minister?
6. Who is our Railway Minister?
7. Who is our Finance Minister?
8. Will you go for higher studies?
9. If I placed you in Antartica or Afganistan, will you join in our company?
10. When will you get marry?
11. If your father asked you not to go to job means, what will you do?
12. How many program have you done in NILA FM and what are they?
13. What is the frequency range of your NILA FM?
14. Did you get any amount for doing program in NILA FM?
15. Tell me about TCS?
16. What is meant by “consulting”?
17. Introduce yourself.
18. Where your project is running?
19. Do you have any questions?
20. How you done a program in NILA FM?
21. How will you perform in a group when you are asked to do a program in NILA FM?
22. How will you coordinate the group while doing program in NILA FM?
23. Will you give equal chance for all in a group?
24. What is the coverage area of NILA FM?

TECHNICAL ROUND

1. Explain about your mini-project?
2. Difference between structures and union?
3. Is structure or union is better?
4. Which operator is used to allocate memory in C++?
5. Write a coding to explain the memory allocation using operator in C++?
6. What will the memory allocate operator will return?
7. What is linked list and stack?
8. If I ask you to develop a project for grocery shop which concept you will use? Either linked list or arrays?
9. What is circular linked list?
10. Application of circular linked list?
11. Difference between linked list and circular linked list?

HR ROUND

1. Tell about yourself.
2. What is your strength and weakness?
3. How do you think that you are fit for TCS?
4. Why TCS?
5. What is the role of project leader?
6. If I hire you as a project leader how can you understand your team members?
7. If a team consisting of 5 members were under you and how will you evaluate them. If 5 is the highest score for one person, 4 is the average for 2 persons and the least 2 is for other 2 persons.
8. You wont do against rules?
9. After you got placed you will get married. At that time when your husband gets a chance of going to USA. Will u go with your husband? But he will return after 2 years to India.
10. Since you are in college you know the gap of 2 years. So are you sure you wont go with your husband?
11. Is your project running anywhere?
12. Give the examples for your strength especially for adaptability?
13. What s your interest?
14. What are your hobbies?
15. What are the difficulties faced by you while doing your project and how you overcome it?
16. Do you have any questions?

TECHNICAL ROUND

1. What are the languages you know apart from C++? Say some concepts?
2. Write a program to implement OOPS concepts such as inheritance, polymorphism, friend function, operator overloading?
3. Write a program to reverse a string using recursive function?
4. Concepts of operating system?
5. Explain CPU scheduling in OS?
6. Explain Deadlock?
7. Explain the concept of polling in OS?
8. Explain the process synchronization in OS?
9. Types of Data structure, linked list, doubly linked list?
10. How to insert a node between the two nodes in linked list?
11. Write the algorithm for Fibonacci series?

HR ROUND

1. Tell about yourself.
2. Tell something about you mini-project?
3. By using which background you designed your project?
4. What are your strengths?
5. What are you hobbies?
6. Tell your favourite website and why?
7. Why you like to join TCS?
8. Will you go wherever we send you? Will you go for Hyderabad or Pune?
9. How will you amange yourself when you are outside home town?
10. What is your long term goal?
11. What is the vision of your college?
12. Tell something bad about your college which you don't like?
13. What you like in TCS?
14. Would you like to join higher studies?
15. Any questions for TCS you like to ask?

16. Who is your role model?
17. What you learnt from your role model?
18. What is your favourite computer game?

TECHNICAL ROUND

1. What is meant by data structures?
2. Explain the operations in Stack and Queue?
3. Explain the function of a command button in VB and explain with an example coding?
4. How will you link the database to your program?
5. Differentiate between OOPS and procedural language?
6. Features of OOP language?
7. Different types of inheritance with example?
8. Explain the polymorphism concepts?
9. How do you say OOP language support reusability? Why not in procedural language?
10. Write a code to verify the data in the textbox with the data in the database?

HR ROUND

1. Introduce yourself
2. Describe about your project?
3. What are the various activities you undergone in the N.S.S camp?
4. In your leadership will you force the other members to do work for you?
5. Why your mark is continuously decreasing from your SSLC to B.Tech. Do you lost interest in studying?
6. Why should we hire you?
7. Do you know which is the biggest centre of us?
8. Do you know our headquarters?
9. What do you know about TCS?
10. You said you have leadership quality but your voice is so low. Why?
11. Anything to ask?

TECHNICAL ROUND

1. Tell me about yourself
2. Briefly explain about your mini-project?
3. How many tables and modules used in the project?
4. What you meant by Modules?
5. Can you able to work anywhere around India?
6. What are your strengths?
7. Justify your leadership?
8. Did you really enjoyed being as a leader. If your friends scolded of complaint how will you react?
9. When you are a team leader and your teammate doesn't cooperate with you how will you tackle?
10. What are your area of interest?
11. If we want you to work in any other platforms can you work?
12. What are your technical skills?
13. What is the recent version in oracle and expansion?
14. Any questions for us?

HR ROUND

1. Tell me about yourself?

2. Justify your teamwork and leadership?
3. How did you overcome your weakness?
4. How should be your dream job?
5. Explain about your mini-project?
6. Are you mobile?
7. Any questions for us?

TECHNICAL QUESTIONS:

1. TELL ABOUT YOURSELF.
2. EXPLAIN ABOUT YOUR PROJECT.
3. EXPLAIN THE VARIOUS TAGS IN HTML.
4. SHALL I ASK QUESTIONS IN C, C++?
5. EXPLAIN THE CONCEPT OF INHERITANCE.
6. THEY CHECKED MY CONFIDENCE LEVEL.
7. I ASKED QUESTIONS ABOUT COMPANY.

H.R QUESTIONS:

1. EXPLAIN YOUR PROJECT IN WORDS.
2. GIVE DETAILS ABOUT PUDUCHERRY.
3. ARE YOU MOBILE?
4. I EXPLAINED THE RECENT TRENDS OF TCS.
5. I ASKED QUESTIONS ABOUT THE COMPANY.

TECHNICAL QUESTIONS:

1. WHAT IS THE DIFFERENCE BETWEEN C AND C++?
2. WHAT IS THE DIFFERENCE BETWEEN C++ AND JAVA?
3. WHAT IS OOAD?
4. WHAT IS UML?
5. WHAT IS THE DIFFERENCE BETWEEN 'CALL BY REFERENCE' AND 'CALL BY VALUE'?

H.R QUESTIONS:

1. RATE YOURSELF IN 'C'.
2. WHAT IS A STACKFRAME?
3. WHAT ARE ACCESS SPECIFIERS?
4. WHAT IS EXTERN?
5. WHY DO YOU NEED LINKED LIST?
6. EXAMPLES FOR DOUBLY LINKED LIST?
7. EXAMPLES FOR CIRCULAR LINKED LIST?
8. TELL ABOUT YOURSELF.
9. PROVE YOU ARE ADAPTIVE.
10. WILL YOU WORK ANYWHERE IN THE WORLD?

TECHNICAL QUESTIONS:

1. RATE YOURSELF IN 'VB' AND 'C++'. WHICH IS YOUR AREA OF INTEREST?
2. GIVE THE DIFFERENCE BETWEEN INFORMATION TECHNOLOGY AND COMPUTER SCIENCE ENGINEERING BRANCHES OF STUDY.
3. WHICH PAPER DIFFERENTIATES YOUR COURSE OF STUDY(IT) FROM CSE?
4. WHAT ARE THE VARIOUS CONCEPTS IN 'OOPS'?
5. WHY IS IT CALLED 'OBJECT ORIENTED PROGRAMMING'?
6. EXPLAIN ALL CONCEPTS OF 'OOPS'.
7. WHAT IS DIFFERENCE BETWEEN 'C' AND 'C++'?
8. WHAT ARE ADVANTAGES OF 'C++'?

9. WHAT IS DATASTRUCTURES?
10. WHAT ARE THE VARIOUS LINKED LISTS AVAILABLE?
11. WHAT IS A POINTER?EXPLAIN THE USE OF IT.
12. WHAT IS THE DIFFERENCE BETWEEN CIRCULAR LINKED LIST AND DOUBLY LINKED LIST?
13. WHAT IS MICROSOFT ACCESS?
14. WHAT IS BACKEND OF A DATABASE?

H.R QUESTIONS:

1. TELL ME ABOUT THE SUBJECTS IN THE CURRENT SEMESTER.
2. TELL ABOUT 'SOFTWARE ENGINEERING'.
3. WHAT IS 'DBMS'?
4. WHAT IS 'DATA MANIPULATION LANGUAGE' AND 'DATA DEFINITION LANGUAGE'?
5. WHAT IS 'PRIMARY KEY' AND 'FOREIGN KEY'?
6. WHAT IS ATTRIBUTE?
7. WHAT IS 'BOYCE-CODD NORMAL FORM'?
8. WHAT ARE THE DIFFERENT LAYERS OF 'OSI REFERENCE MODEL'? EXPLAIN EACH FUNCTON.
9. EXPLAIN NETWORK LAYER AND ROUTING.
10. TELL ALL THE PROTOCOLS THAT YOU KNOW.
11. WHY YOU PREFERRED TO JOIN TCS?
12. TELL ABOUT TCS.
13. DO YOU HAVE ANY QUESTION.

TECHNICAL QUESTIONS:

1. TELL ABOUT YOURSELF.
2. WHY YOU DID THIS RAILWAY RESERVATION PROJECT IN 'C'?
3. WHO MOTIVATED TO DO THAT PROJECT?
4. EXPLAIN ABOUT YOUR PROJECT?
5. WHERE YOU ARE HAVING THIS PROJECT?
6. WHY YOU SHOULDN'T GIVE IT TO RAILWAY DEPARTMENT?
7. CONCEPT IN THE PROJECT?
8. WHAT IS DATASTRUCTURE?
9. TELL SOME DATA STRUCTURE?
10. FOR A BIG PROJECT WHICH DATA STRUCTURE IS RELIABLE?
11. WHAT IS THE DIFFERENCE BETWEEN STRUCTURES AND UNION?
12. FROM ANY ANSWER IN UNION, HOW YOU ACCESS ALL THE DATA?
13. WHY TCS?
14. WHAT DO YOU KNOW ABOUT TCS?
15. ARE YOU MOBILE?
16. ARE YOU ADAPTABLE? SUBSTANTIATE?
17. FROM MY RESUME,HE ASKED ABOUT THE 'NILA FM'?
18. FREQUENCY OF 'NILA FM'?
19. ABOUT MY PROGRAM IN 'NILA FM'.
20. ANY QUESTION?

H.R QUESTIONS:

1. HOW WAS YOUR TECHNICAL?
2. WHAT THEY ASKED IN TECHNICAL INTERVIEW?
3. TELL ME YOU'RE HOBBIES.
4. WHAT BOOKS YOU WILL READ?
5. WHAT BOOK YOU READ LAST?
6. WHO IS THE AUTHOR?
7. CONTENT OF THE BOOK?
8. FROM MY RESUME, ABOUT "PURANGAL IYYAKKAM".

9. WORKS WHICH WE HAVE DONE THROUGH THAT "IYYAKKAM"?
10. ANY QUESTION?

TECHNICAL QUESTIONS:

1. TELL ABOUT YOURSELF.
2. TELL ABOUT YOUR PROJECT.
3. HOW MANY FIELDS CAN BE ADDED IN MICROSOFT ACCESS?
4. WHAT IS MEANT BY MODULE AND MODULE1 IN VISUAL BASIC?
5. EXPLAIN BUBBLE SORT WITH CODE?
6. EXPLAIN QUICK SORT?
7. EXPLAIN SINGLY LINK LIST?
8. EXPLAIN CIRCULAR LINKED LIST?
9. ARE YOU INTERESTED IN HIGHER STUDIES?

H.R.QUESTIONS:

1. TELL ABOUT YOURSELF?
2. ABOUT PROJECT?
3. WHERE IS YOUR PROJECT RUNNING?
4. WHAT ARE THE PLACES YOU WENT?
5. WHICH PLACE YOU LIKE MOST AND WHY YOU LIKE?
6. YOU HAVE TO IMPROVE SOMETHING IN PONDICHERRY.WHAT WILL YOU IMPROVE?
7. WHAT ARE ALL THE ROLES PLAYED BY A LEADER?
8. IF YOU HAVE PLACED IN A JOB IN CALCUTTA, WILL YOU GO?
9. WHAT ARE ALL YOUR STRENGTH?
10. ANY QUESTIONS?

TECHNICAL QUESTIONS:

1. WHAT IS INHERITANCE?
2. WHAT IS POLYMORPHISM?
3. WHAT IS MICROPROCESSOR?
4. WHAT ARE FLAGS PRESENT?
5. WRITE A PROGRAM FOR FIBONOCCHI AND FACTORIAL?
6. WRITE A PROGRAM FOR INHERITANCE?
7. CONCEPT OF LINKED LIST?
8. EXPLAIN THE SINGLY AND DOUBLY LINKED LIST?
9. DIFFERENCE BETWEEN ARRAY AND LINKED LIST?

H.R.QUESTIONS:

1. TELL ABOUT YOURSELF?
2. CARRIER OBJECTIVE?
3. MISSION OF TCS?
4. WHY TCS?
5. WEAKNESS?
6. EXPLAIN YOUR PROJECT?
7. WHY DO YOU PREFER TCS?
8. TELL SOMETHING ABOUT TCS?
9. ANY QUESTIONS?

TECHNICAL QUESTIONS:

1. TELL US SOMETHING ABOUT YOURSELF?
2. TELL US ABOUT THE TEACHERS WHOM YOU LIKE?

3. WHY DID YOU CHOOSE ENGINEERING/
4. WAS YOUR DECISION TO OPT FOR ENGINEERING AS A RESULT OF YOUR PARENTS' COMPULSION?
5. WHY DID YOU CHOOSE THIS COLLEGE?
6. DO YOU LIKE YOUR COLLEGE?
7. WOULD YOU JOIN PEC IF YOU WOULD BE ADMITTED THERE?
8. WHY WOULD YOU NOT OPT TO JOIN PEC?
9. WHY DID YOU CHOOSE THIS CARRIER.?
10. WHY WOULD YOU LIKE TO JOIN TCS?
11. TELL US SOMETHING ABOUT TCS?
12. WOULD YOU JOIN INFOSYS IF THEY OFFER YOU A JOB THERE?
13. WHAT ARE YOUR PLANS FIVE YEARS FROM NOW?
14. DEFINE LEADERSHIP?
15. WHAT ACCORDING TO YOU ARE THE QUALITIES OF A GOOD LEADER?
16. I WOULD GIVE YOU A SITUATION WITH YOURSELF AS THE LEADER OF YOUR TEAM....
17. WHAT WOULD YOU DO IF YOUR TEAM MEMBER DOES NOT LISTEN TO YOU?
18. WHAT WOULD YOU DO IF HE/SHE STILL DOES NOT GET CONVINCED WITH YOUR REPLY?
19. DOES IT MEAN THAT YOU WILL THREATEN HE/SHE?
20. CAN I SAY THAT YOU WOULD BE STRONG IN PROGRAMMING LANGUAGES LIKE C AND C++?
21. WHAT IS A SEMAPHORE?
22. HAVE YOU DONE ANY PROJECTS?
23. HAVE YOU DECIDED ANYTHING ABOUT YOUR FINAL YEAR PROJECT?
24. CAN YOU EXPLAIN ANYTHING ABOUT YOUR FUTURE PROJECT?
25. DO YOU HAVE ANY QUESTIONS FOR US?

H.R. QUESTIONS:

1. TELL ME ABOUT YOURSELF.
2. TELL US SOMETHING MORE THAN WHAT YOU HAVE SAID BEFORE?
3. WHAT IS AN OPERATING SYSTEM?
4. CAN YOU EXPLAIN ABOUT THE CERTIFICATES THAT YOU HAVE SPECIFIED IN YOUR RESUME...

TECHNICAL QUESTIONS:

1. INTRODUCE YOURSELF IN THREE LINES?
2. YOUR HANDWRITING IS NICE, WHAT IS THE SECRET BEHIND IT?
3. WHAT IS YOUR AREA OF INTEREST?
4. WHAT IS DATA STRUCTURE?
5. BASICS OF DATA STRUCTURES?
6. EXPLAIN HEAP SORT?
7. WRITE ALGORITHM AND PROGRAM TO FIND COUNTERFEIT ELEMENT IN TWO STACKS .EACH OF SIZE 10 AND...
8. WHAT IS THE COMPLEXITY OF THAT PROGRAM?
9. DEFINE STACK.
10. BASICS OF STACK.
11. DEFINE COMPLEXITY.
12. EXPLAIN ABOUT 'O'
13. WHAT IS DBMS?
14. DEFINE TABLE?
15. SIMPLE QUERY
16. WHAT IS OOPS?
17. ADVANTAGES OF OOPS?
18. POLYMORPHISM CONCEPT?

19. WRITE A C PROGRAM TO FIND THE LARGEST OF THREE NUMBERS?
20. EXPLAIN WITH ALGORITHM THOE ABOVE QUESTION.

H.R.QUESTIONS:

1. TELL ABOUT YOURSELF?
2. EXAMPLE OF YOUR STRENGTH?
3. WHAT IS YOUR AREA OF INTEREST?
4. WHAT IS TREE IN DATA SRUCTURES?
5. APPLICATION OF TREES?
6. EXPLAIN THE APPLICATION OF TREES WITH EXAMPLE?
7. DEFINE LINKED LIST.
8. IMPLEMENT LINKED LIST USING STRUCTURES AND POINTERS.
9. WRITE PROGRAM FOR CREATION AND INSERTING OFNODE IN LINKED LIST.
10. WHAT IS THE LINKED LST AND ARRAY?

TCS

TECHNICAL INTERVIEW:

1. Tell about yourself?
2. What is meant by priming? (fluid mechanics)?
3. What is meant by inductance, capacitance?
4. How will you measure the flow?
5. What is meant by control system?
6. Different type of control system with example?

TCS

TECHNICAL INTERVIEW:

7. What is meant by malloc() & calloc()?
8. What is meant by C language?
9. write a program for
$$\begin{array}{c} 3\ 3\ 3\ 3 \\ 2\ 2\ 2 \\ 1\ 1 \\ 0 \end{array}$$
10. What is the difference between weight & mass?
11. What is the numeric value of acceleration due to gravity (g)?
12. Write a program using structure?

13. Tell about yourself?

First round – aptitude

- 3 sections(vocabulary<synonyms ,antonyms>{10 each})
- aptitude -38 questions(previous year question papers)
- critical reasoning(3questions with 4 parts each){GRE 12th edition}

Second round – technical round

- Tell about urself
- Full adder circuit
- X-OR truth table
- Wat machine do v use in 2 wheelers?
- Introduction about C&C++
- Activities in nss
- About TCS
- Program for prime series

Third round – HR

- Tell about urself
- Tell something about ur area of interest in 25 words
- About flip flops
- Y TCS
- About TCS
- Inplant training& Iv
- As an electrical engineer , y software?

First round – aptitude

Second round – tech round

- Tell about urself
- Basic questions on various gates in digital electronics with their truth tables
- Y TCS
- About TCS
- As an electrical engineer , y software?
- Some basic questions from HTML, as I mentioned that I did a course on HTML
- Questions from ur hobbies

Third round – HR

Introduce urself

Y ur marks r high in school wen compared to the college marks (have a good answer to tackle those type of questions)

Question about adaptability

Question on iv and implant training

First round – aptitude

Second round – tech round

Tell abt urself

Wat is transformer, principle of mutual induction, losses in transformer.

Eddy current , its losses , its advantages and disadvantages.

Abt hobbies

Xtra curricular activities

Thermistors

Structures and unions concepts.

Explain abt the resume

Iv & implant training

Third round- HR

Something about pondicherry and various way to develop it.

Again questions on iv & implant training

About my future plans

First round – aptitude

Second round – tech round

Introduce urself

Renewable energy resources(as I mentioned it in interest)

how solar energy is harvested?

Computer knowledge

Program to display first 10 prime nos.

Hobbies

Third round- HR

Introduce urself

Talk something on microprocessor(interest)

About ur final year project.

First round – aptitude

Second round – tech round

Tell about ur lateral entry project?

Wat is microprocessor?

Where r u using digital logic gates?

Operation of fridge and A/C

We don't ve work for electrical engineers , so y should I hire u ?(have a good answer to tackle those type of questions)

Some questions on current affairs

Third round- HR

Introduce urself

First round – aptitude

Second round – tech round

Basic concepts of microprocessor ,C&C++

8 bit subtraction- wrote a program

16 bit subtraction – explained the concept

just an overview of 8085 architecture

questions from paper presentation

lots'n lots of questions from the resume

some questions about the renewable energy club(as I mentioned it)

Third round- HR

Some questions about my favorite city

Some interesting things about pondicherry

Questions from my hobbies

questions about adaptability ,language skills.

TECHNICAL INTERVIEW:-

1. Tell about yourself
2. What are the difference between C and C++? (Repeated)
3. What is meant by linked list?
4. What is meant by ODBC?
5. What is meant by pointer?
6. What is the need for pointer?
7. What is the difference between pointer and a variable?
8. Questions from resume to check confidence like.
 1. Can I question you in any area that you have specified in the resume.
9. Define class?
10. Define objects?
11. Define constructor?
12. Name any 5 electronic devices? Explain it?
13. What is digital electronics?
14. How the mobile works?
15. Define Pointers?
16. Difference between resistor and a diode?
17. Draw the internal circuit diagram of modem?
18. What is the purpose of capacitor?
19. What is the difference between DIAC and TRIAC?
20. How is the link established between mobile and a tower?
21. Difference between zener breakdown and avalenche breakdown?
22. Consider a metal plate. If an electric current pass through it where will be the maximum current flow?

HR QUESTIONS:-

1. Tell about yourself
2. What is meant by Event driver programming?
3. What is meant by structure driver programming?
4. What is meant by ODBC?
5. Do you like Pondicherry?
6. Are you a native person of Pondicherry?
7. Do you know French?
8. Do you wish to migrate?
9. Can you undergo medical checkup?
10. Can you sign in an agreement?
11. Why TCS?
12. Are you mobile?
13. You have not gone any other place other than Pondicherry for studies would your parents allow you to work in other place?

TECHNICAL QUESTIONS

- Tell about Ur self.
- I have mentioned cricket as my hobby in my resume, so questions were there about cricket
- What are code conversions?
- Convert 32h into binary code
- What are universal gates?
- How universal gates are different from other gates?
- Draw RS flip flop with its truth table?
- Tell about C programming language?
- What is a compiler?
- What is a debugger?
- What is the advantage of C?
- What is difference between C & C++?
- What are the features in C++?
- What is DMA? What do you know about it?

HR QUESTIONS:

- Are you nativity of Pondicherry?
- Do you like Pondicherry?
- Tell about Pondicherry?
- I mentioned Swish Max software in my resume, so they asked about it?
- What is your father and where he is working?
- Why TCS?
- If I place you in Delhi, will you work there?
- Are you a team worker?
- Why do you choose ECE as your discipline?
- Why do you prefer software rather than hardware?
- Whether you will sign a bond with us?
- You have a medical check up after this, whether you coordinate with us?

- Will you work for 2 years with us?
- What you will gain after 2 years?
- After gaining, will you leave the company?

Technical Questions:

1. Explain about full wave rectifier?
2. Tell about your self
3. Explain about your mini project?
4. What is the various kinds of output obtained by your mini project?
5. What is meant by pointer?
6. Is pointer required for allocation of space?
7. Why we need ECE candidates for a software concern?

HR Questions:

1. Why TCS ?
2. What are the various sectors present in TCS?
3. What sector you usually prefer to?
4. Explain about pulse amplitude modulation?
5. What are the various subjects you had in your IV semester?
6. What is the most important accomplishment you had in your life?
7. How ATM works?
8. Explain about micro processor?
9. Due to a mechanism in microprocessor, robot works. What is that mechanism ?
10. What is your grade in circuit theory?
11. What are the various health assurances made by TCS for their workers?

Technical Questions:

1. Tell about yourself
2. Have you done any project till now?
3. Explain your mini project ?
4. Difference between C and C++

HR Questions:

1. Tell about your strengths and background
2. About your inplant training
3. Why you choose these places?
4. What you have planned during this holidays?
5. Difference between function overloading and overriding?
6. Tell a real time example and write a coding for it
7. What is an object?

Technical Questions:

1. I mentioned about my seminar in the college in my resume. They asked me to explain about that seminar and they asked some doubt in that topic
2. They asked me to write a program using file concept (ie) To get a data , save that and to retrieve it.
3. My first question is to tell me about yourself
4. Atlast they asked questions from my hobbies
5. They also asked questions from inplant training

HR Questions:

1. Tell me about yourself,your family and ambition
2. Some puzzles he asked
3. He asked me some stress questions (ie) If you have some important meeting in the company and also one personal problem for which you will be going
4. He asked many questions regarding the company

TECHNICAL:

1. Tell about yourself
2. What is micro processor?
3. What are classes, objects?
4. Tell about your mini project
5. What languages you know?
6. Do you wish to work in abroad?

H.R.:

1. Tell about your family
2. Don't you feel alone in your home as you are only child to your parents?
3. Draw rectangle with three line
4. How do you face failure?
5. What do you know about TCS?
6. Why TCS ?

Technical Questions:

1. Difference between C and C++?
2. What is advantage of C?
3. What is a class?
4. What is an object?
5. Difference between object and variable?
6. What is structure oriented programming?
7. What is Transistor?
8. What is a diode?
9. Mention common devices(electronics) used?
10. What is microprocessor?
11. Mention a common electronic device widely used implementing microprocessor?
12. What is digital communication?
13. What are types of communication?
14. What is analog signal?
15. how does a basic transmitter and receiver works?

HR Questions:

1. What is communication?
2. Types of communication.
3. Explain types of communication.
4. How does a mobile works?
5. How is a call established?

6. How does the system identify the receiver's location?
7. What type of modulation is used in Radio?
8. What is a range of Radio Frequency Waves?

Technical Questions:

1. Tell about yourself
2. Area of interest
3. What are the papers you studied till now?
4. What is 1's complement and 2's complement? What is the use of it?
5. Application of micro processor
6. Application of Digital Electronics
7. What are the different layers in the network?
8. What is the use of this pen other than writing? tell about the properties of this pen
9. What is the difference between C and C++?
10. What is the use of the pointer?
11. Whether you can go to any places (i.e.) Pakistan?

HR Questions:

1. Tell about your academic achievements
2. Whether you got any awards or prizes?
3. What is your area of interest?
4. Write a program to add all the even numbers from 1 to 20 and average the sum
5. Whether you play the team leader role?
6. Tell about in plant training
7. Tell about the quality checking section in HCL
8. Whether you move to another company if they give you more salary when compared to us?
9. Tell about TATA
10. What is the name of the watch you wearing?

Technical Questions:

1. What is file pointer?
2. What is a pointer?
3. Difference between file pointer and pointer?
4. What is structure?
5. Difference between structure and union.
6. File concepts.
7. Polymorphism.
8. Inheritance.
9. What you studied in analog Communication?
10. Explain TV transmitter/receiver.
11. Tell about analog communication.

Technical Questions:

1. Tell about yourself
2. Areas of interest
3. What is known as gate ?
4. Tell about Digital Electronics
5. Tell about Pondicherry
6. One question on my extra-curricular activity

7. Why did you preferred ECE ?

HR Questions:

1. Tell about yourself
2. Tell about pondicherry
3. Which is your favourite subject?
4. Tell about your favorite subject
5. Why TCS?
6. Tell about your family
7. Why did you preferred ECE?

Technical Questions

- Define Amplitude Modulation and its frequency?
- Define Frequency Modulation and its frequency?
- Define DMA?
- Define Handshake signals?

Questions asked in technical round in TCS

1. Tell about yourself
2. Mini project description
3. Usage of mini project
4. Any special feature in mini project
5. How to convert octal to hexadecimal?
6. What are the concepts learnt from industrial visit?
7. Tell about JAVA.
8. How to use files in C++?
9. What is the advantage of using files in the mini project?
10. Why TCS?
11. Tell about your paper presentation
12. Why did you choose C++ for mini project?
13. Difference between structure and union
14. Basic queries in DBMS
15. OOPS functionalities or advantages
16. Advantages of visual programming
17. Features of VB
18. Difference between C and C++.
19. What is OS?
20. What is system call?
21. Tell about heap sort.
22. Can we put you in any place in India?
23. What are the special features of java?
24. What is meant by garbage collection in java?
25. Difference between structure and union
26. What is RDBMS?
27. What is DBMS?
28. Problems faced while doing project.
29. What is your role in your team and how did you coordinate with your team in project?
30. What is buffer?
31. What is verification and validation?
32. Write syntax for "FOR" loop.

33. What is the syntax for “file operation”?
34. Subject that fascinate you the most?
35. Scale yourself in the scale of 10 in C,C++,VB
36. What is polymorphism?
37. Types of polymorphism.
38. What is predefined polymorphism?
39. What is meant by requirements?
40. What is meant by testing?
41. What is meant by white box testing?
42. What is meant by inheritance?
43. What is meant by coupling?
44. What is meant by maintainability?
45. What is meant by inline function?
46. What is meant by paging?
47. What is meant by time sharing?
48. What is meant by multiprogramming?
49. What is meant by fragmentation?
50. What is meant by virtual memory?
51. Speak about data structures for 10 minutes.
52. Explain arrays.
53. Explain database connectivity and the methods in manipulation of datas.
54. Explain about click event.
55. Explain about pointers.
56. What are the tools present in tool box?
57. Explain about data control.
58. Difference between list box and combo box.
59. Where the codings are written for database manipulation.
60. What is meant by operator overloading?write a program for it.
61. What is class?
62. Difference between ordinary functions and fuctions of a class.
63. Difference between procedure and function.
64. What should be done to make a procedure return value?
65. Are you mobile?
66. Difference between C and VB.
67. Abbreviation of the following;HTTP,HTML,TCP,UDP,FTP.
68. What is HTML?where it is used?
69. Syntax of structure.
70. Why do we use data structures?
71. Explain the following:
72. Stack,queue,linked list,graphs,binary tree.
73. What is need to use DBMS?
74. What is normalization?
75. Symbols available in ER diagram.
76. Are claases and objects same?
77. Explain recursion concept with example.
78. Difference between versions of windows.
79. In Windows X,what does “X” denote?
80. What is OLE?
81. How to connect database in VB?
82. Differentiate between structure and class.
83. Abstract class.
84. Virtual Function.
85. Pure Virtual Function.
86. Write a program for Fibonacci series.
87. if(x==0)

```
{  
printf("if");  
}  
else  
exit();
```

Give the Output of the program.

88. Generic class.
89. Difference between RDBMS and DBMS.
90. Write a query to create a table.
91. Write a query to display values from a particular field.
92. Write a query to find the max value in the table.
93. Write a query to sort names in the order.
94. Relational algebra.
95. Necessity of Relational Calculus.
96. $\tan x dx$, $\cot x dx$, $\sin x dx$
97. Some concepts about MDI form.
98. What is a compiler?
99. What is SAN?
100. Different types of Networks
101. Different types of Search Engines.
102. What is the use of Friend function?
103. Write a simple HTML program
104. What are the components and containers in JAVA?
105. The basic queries like select, update, delete and insert in SQL.
106. Difference between malloc and calloc.
107. Code for creating node.
108. How will you implement "hexadecimal number" concept in System Software?
109. Code for getting inputs not apart from characters(in VB).
110. Develop the outline concept for the given form in vb.
111. Name of the error that is generated if the headerfiles are not declared.
112. ActiveX controls of VB
113. Difference between Waterfall and Spiral model
114. What are the WebApplication tools that you know?
115. Expansion of VIRUS
116. How virus corrupts the file in the system?
117. Components of CPU?
118. About RAM, ROM, Harddisk and BIOS?
119. About booting and how the system starts? What happens internally while booting?
120. If I ask you to work in any old language (like COBOL, PASCAL, etc), what will be your choice? And why?
121. Expansion of COBOL.

Question asked in HR interview in TCS

1. Tell about yourself
2. Why TCS?
3. Your objective
4. Tell about your paper presentation

5. What are the qualities you think the team member needs?
6. Do you believe that values are very necessary for a person's life?
7. OS functions
8. DBMS queries
9. Define Protocols
10. Mention OSI layers
11. Any questions?
12. Positive qualities and justify it.
13. Achievements
14. Justify your strengths
15. Why should I hire you?
16. Do you think you are qualified for the job?
17. What do you know about TCS?
18. What made you to choose TCS?
19. Tell about your experience in NSS
20. Justify your position as a placement coordinator
21. What are the types of DBMS?
22. What is primary key?
23. What is composite primary key?
24. What is meant by trigger?
25. What is meant by assertions?
26. What is the difference between trigger and assertion with example.
27. What is meant by stored procedure?
28. Stored procedure executes at run time or compile time?
29. Why there is a deviation in the marks?
30. What you have learnt these 3 years(college)?
31. Tell about stack.Its usage in C.
32. Explain queue.
33. Explain about scope of the variable.
34. Explain about visibility of the variable.
35. Explain about lifetime of the variable.
36. What is extern?
37. Difference between while and do while loop.
38. Do you have location constraint?
39. Do you time constraint?
40. What is meant by template?its advantages?
41. Can a main function return a value to itself?
42. Difference between segmentation and paging.
43. Tell me one quality of yours for which I can hire you?
44. Tell about microprocessor
45. Difference between 8bit processor and 16bit processor.
46. Write a java program.
47. Software development life cycle.
48. OSI layers
49. Search algorithms known.
50. What are the places visited other than Puducherry?
51. Tell any 3 good places to visit in Puducherry.
52. What is the specialty of Puducherry?
53. What is your salary expectation?
54. If you are put in Delhi how will you manage(since you don't know Hindi)?
55. Process of awarding scholarships to the students through CENTAC.
56. Extra curricular activities.
57. Some of Oracle Databases.
58. Values of TCS, Mission and Vision.
59. At what time you came here today?

60. What is your favourite subject?
61. Why did you like that subject?
62. What is the Oracle version using in your lab?
63. What s Boycode Normal form?
64. What is the query used for increasing the size of an attribute?
65. What is the query used for increasing the size of an attribute if it is a primary key?
66. Will you stay back in TCS? How long?
67. If your husband is working in Delhi and yourself in Chennai, what will you do? Will you stay back still?
68. Are you aware of the medical test?
69. List the subjects that you had in B.Tech.
70. Tell something about yourself except that are in your resume.
71. If your project [banking] is done as real time application, you will face the problem of errors while updating or accessing concurrently. What will you do to overcome it?
72. What is the Thrumithra Organisation? [I have mentioned in the resume that I was the member of that organization].
73. Your creativity.
74. Will you work in a platform which you never come across?
75. What will be your final semester project?
76. How will you prove your leadership qualities?
77. Will you work continuously even after your marriage?

