



COIMBATORE INSTITUTE OF TECHNOLOGY

(GOVERNMENT AIDED AUTONOMOUS INSTITUTION)

CIVIL AERODROME POST, COIMBATORE-641014.

PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : R.C.SURYAN

ROLL NUMBER : 1703111

DEPARTMENT : EEE

EMAIL ID : suryans254@gmail.com

CONTACT NUMBER : 9677568124

COMPANY NAME : embedUR

COMPANY TYPE : CORE

JOB DESIGNATION : SOFTWARE ENGINEER

SALARY (CTC) : 5 LPA

INTERN OFFERED? : NO

BOND : 2 YEARS

HAVE YOU PLACED ? : YES

(Please comment this section **in detail** to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1: APTITUDE

- It comprises of two sections: technical aptitude and general aptitude
- They asked basic of core subjects in technical aptitude section
- They asked quantitative aptitude questions in general aptitude section
- 70 per cent technical aptitude questions and 30 per cent quantitative aptitude questions was asked.

Have you cleared the round: YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION
MACHINES	APPLICATION AREA OF MOTORS
CIRCUIT THEOREY	KVL AND KCL ANALYSIS

ROUND 2 : TECHNICAL GROUP DISCUSSION 1

- Second round was technical group discussion among our department students.
- This round was pure technical
- They tested their fundamental knowledge of our core subjects.

Have you cleared the round: YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION
MACHINES	CONCEPT OF SUBSYNCHRONOUS SPED OF INDUCTION MOTOR
POWER ELECTRONICS	SCR AND TRIAC CHARCTERISTICS
EECTRON DEVICES AND CIRCUITS	Q POINT OF A TRANSISTOR
LIC	HOW AN OSCILLATOR CAN BE MADE TO WORK AS AN AMPLIFIER

ROUND 3: TECHNICAL GROUP DISCUSSION 2

- Third round was again technical group discussion among our department students
- This time also they asked questions from our basics of core subjects.

Have you cleared the round: YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION
MACHINES	EXCITATION PATTERN OF SYNCHRONOUS MOTOR
POWER ELECTRONICS	CONCEPTS OF TRIGGERING DEVICES

ROUND 4 : ONE TO ONE INTERVIEW

- This round we are supposed to face both technical and general hr.
- Technical hr round comprises of some basic c questions and basics of our core.
- General hr round was quite tough to tackle their questions.

Have you cleared the round : YES

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION
C PROGRAMMING	USE OF PASS BY VALUE AND PASS BY REFERENCE
CIRCUIT THEOREY	CONCEPT AND APPLICATION OF VARIOUS THOREMS(THEVENIN,NORTAN.SUPERPOSIITION)
MACHINES	CONCEPT OF SUBTRANSIENT REACTANCE OF AN ALTERNATOR

- In general hr round they asked like how you will suit for our company, what is your plus and minus, family background, etc...
- They gave a real time problem and asked me to find solution for that problem.

AREAS TO PREPARE :

- DC AND AC MACHINES
- POWER ELECTRONICS
- BASICS OF CIRCUIT THEOREY ,DIC,LIC,

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

- Refer Indiabix for quantitative aptitude.
- For core subjects follow your textbooks mentioned in your syllabus.

OVERALL EXPERIENCE :

It was a very good experience .They overall tested how far we are strong in our core subjects.

GENERAL TIPS :

- Don't memorise any of the concepts that you have learned in your curriculum.
- Be strong in your basics, understand and study every concept in above mentioned subjects.



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME : K.Sashtika

ROLL NUMBER :1705102

DEPARTMENT :CSE

EMAIL ID :sashtikakannan@gmail.com

CONTACT NUMBER :8778171143

COMPANY NAME :Embedur

COMPANY TYPE : CORE

JOB DESIGNATION : Software Engineer

SALARY (CTC) : 5 Lakhs per annum

INTERN OFFERED ? :NO

BOND : YES

HAVE YOU PLACED ? :NO

*(Please comment this section **in detail** to guide your juniors in bright way)*

COMMENTS ON SELECTION PROCESS :

ROUND 1 :

Aptitude comprising of both technical and non technical questions(Quans,technical core subjects)

Have you cleared the round : YES
Details about Questions on 1st round:

Its of technical discussion round. There were about 7 members in a batch. Questions were asked in technical core subjects(os,ds,dbms,java,networks).

ROUND 2 :

Have you cleared the round : YES
Details about Questions on 2nd round:

Its of technical discussion round same as of 2nd round.. There were about 3-4 members in a batch shortlisted from 1st technical discussion. Questions were asked in technical core subjects(os,ds,dbms,java,networks).

ROUND 3 :

Have you cleared the round : NO
This was the final round. Its of face to face round. I were asked questions from technical cores more deep. There were nearly 4 people to assess and ask questions.

AREAS TO PREPARE :

Operating systems,DS,DBMS,Networks,C,OOPs concepts

OVERALL EXPERIENCE :

Was okay.complexity level is moderate.Its a really easy to crack for people strond in their technical cores.

GENERAL TIPS:

Concentrate quans and technical apti to clear the first round.
If you cleared first it is easy to crack the further rounds if you are strng in your core subjects and if you can expressyour answer clearly.



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME :MADHUMITHA SIVASHANKAR

ROLL NUMBER :1707028

DEPARTMENT :INFORMATION TECHNOLOGY

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CONTACT NUMBER :9486751242

COMPANY NAME :EmbedUR

COMPANY TYPE :CORE

JOB DESIGNATION :SOFTWARE ENGINEER

SALARY (CTC) :5 LPA

INTERN OFFERED ? :NO

BOND :2 YEARS

HAVE YOU PLACED ? :NO

(Please comment this section ***in detail*** to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1 :

General Aptitude and Technical Aptitude(C Pseudo code, Microprocessor, Operating System)

Have you cleared the round : YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 2 :

Group Quiz on Operating System, Data Structures, C programming concepts, OOPS concepts.

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
C Programming	What is Dangling Pointer?	
Java	Difference between JVM,JRE,JDK	
Operating System	What is Round Robin Algorithm	

ROUND 3 :

Group Quiz on Operating System, Data Structures, C programming concepts, OOPS concepts.

After this round there was Individual Face to Face interview. Questions on the above topics were asked.

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
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Operating System	AES Algorithm, Page Fault, LRU	

ROUND 4 :

HR Round

Have you cleared the round : NO

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

AREAS TO PREPARE :

Operating System

Microprocessor

Data Structures

C programming

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Geeksforgeeks

OVERALL EXPERIENCE :

GENERAL TIPS :



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PLACEMENT YEAR 2020-2021

NAME : PRAVEEN P

ROLL NUMBER : 1703034

DEPARTMENT : EEE

EMAIL ID : premanandae96@gmail.com

CONTACT NUMBER : 7358613848

COMPANY NAME : EMBEDUR

COMPANY TYPE : CORE

JOB DESIGNATION : **Software Engineer**

SALARY (CTC) : 5LPA

INTERN OFFERED ? : NO

BOND : YES(2 YEARS)

HAVE YOU PLACED ? : NO

(Please comment this section ***in detail*** to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1 : The round had questions in the following domain mentioned below. ROUND 1, included 60 questions(60 mins) which tests technical knowledge and problem solving ability in c++ programming language.

Have you cleared the round : YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Electronics systems	Testimonials on basic level gates, finding 1's & 2's complement values, differences between ECL, CMOS, TTL and little on embedded systems.	
Networking Path	Bit lengths of IPv4&IPv6, Mac addresses, gateway, hub, switch, etc.,	
Basics of C++	Pointers, Arrays and Structures console output.	

ROUND 2 : The students had to converse against their pioneers in a technical gd. The session concluded in 15 minutes. Keep Track of time and points said.

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Electrical	Thevinin theorem and Norton theorem, Synchronous Machine Working	
Electronics	Simple knowledge on op-amp circuits like voltage compensation techniques and few analog definitions.	

ROUND 3 : Advanced Technical Group Discussion: The Timing and Domain specifications were same as the same as per previous rounds.

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Electrical	Induction motor principle, losses in a transformer, Faraday's law of electromagnetic induction.	
EMF	Maxwell equations, Cartesian coordinates systems.	

ROUND 4 :

General HR- The round had session which includes questions regarding in my resume related to projects, inplant-trainings. This session was time in-consistent for different shortlisted students. My timings extended to 40 minutes.

Have you cleared the round : NO

AREAS TO PREPARE : Analog & Digital Circuits, Embedded Systems, Networking & Communications, Electrical Machines.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Web Sites:

- **Electronics** For You.
- **Electronics** Hub.
- All About Circuits.

Books: Digital Circuits by Morris Mano

OVERALL EXPERIENCE: Good

Result Status: Better Luck Next time.

GENERAL TIPS: Be thorough in company's perspectives and in your resume.



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PLACEMENT YEAR 2020-2021

NAME : M.Gowtham

ROLL NUMBER : 1704072

DEPARTMENT : Electronics and Communication Engineering

EMAIL ID : gowtham.msg20@gmail.com

CONTACT NUMBER : 6383866364

COMPANY NAME : embedUR

COMPANY TYPE : Core

JOB DESIGNATION : Software Engineer

SALARY (CTC) : 5 LPA

INTERN OFFERED ? : No

BOND : 2 years

HAVE YOU PLACED ? : No

(Please comment this section ***in detail*** to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1 :

The first round was a online test. Questions include General aptitude, C programming MCQ's and questions related to networking were asked.

Have you cleared the round : YES

Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 2 :

It was a technical group discussion. The selected students from round 1 were divided into different batches consisting of 6 or 7 members per batch according to the departments. One HR was present and he pointed out a specific person and asked 3 or 4 basic technical questions. There were also open questions which one can take up if he/she is willing to answer. The areas include Microprocessors/Microcontrollers, Oscillators, Combinational and sequential circuits.

Have you cleared the round : YES

Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 3 :

It's again a technical group discussion consisting of three HR's. The questions include basic physics(Gauss law, Ampere circuital law, Inductance, Barkhausen criteria, Difference between electrostatic and electromagnetic field etc..) ,Microprocessors/Microcontrollers, Oscillators etc..

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 4 :

It was a technical interview. Basic Technical questions and C programming basics were asked.

Have you cleared the round : NO

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

AREAS TO PREPARE :Microprocessors/Microcontrollers, Digital circuits, C programming.

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

OVERALL EXPERIENCE :Good

GENERAL TIPS :



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PLACEMENT YEAR 2020-2021

NAME : Madhankumar M

ROLL NUMBER : 1704086

DEPARTMENT : ECE

EMAIL ID : madhan.kumar.m147@gmail.com

CONTACT NUMBER : 9159056388

COMPANY NAME : EmbedUR Systems

COMPANY TYPE : CORE

JOB DESIGNATION : Software Engineer

SALARY (CTC) : 5 LPA

INTERN OFFERED ? : NO

BOND : 2 Years

HAVE YOU PLACED ? : NO

(Please comment this section ***in detail*** to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1 :

Round 1 is general aptitude and basic questions from core subjects such as Digital Circuits, Electronic Devices, Electronic Circuits. A lot of questions were asked from Networking and various Networking protocols. If you're good in core subjects, this round won't be a problem. You can easily clear it.

Have you cleared the round : YES
Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

ROUND 2 :

This is a Group round. Shortlisted students will be divided into groups of 6 or 7 members. There will be one interviewer and he will be asking technical questions from core subjects. The questions will be directed to everyone in the group individually first and to the entire group. If you know the answer you can raise your hand and answer the question.

Have you cleared the round : YES
Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Digital Circuits	Differences between Latches and Flip-flops, definitions, K-map, Combinational and sequential circuits, Mux and Demux	
EMF	Maxwell's equations, various laws	
Electronic Devices	Diodes and Transistors	

ROUND 3 :

This round is similar to second round. You will be divided into groups and questions will be asked. This round comprises of advanced questions from your core subjects, some programming questions and logics and Data Structures. If you know coding concepts and Data structures you can clear this one too.

Have you cleared the round : YES

Details about Questions on 3rd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Advanced core subjects	Barkhausen criteria, working of BJT and FET, Important laws that you have studied.	
C programming	Storage classes, Structure vs Union, Pre processors and keywords.	
Data Structures	AVL tree, Linked lists, BST, stacks and queues etc.	

ROUND 4 :

This is the final round. It is an individual round. Two interviewers will be asking you rapid fire technical and programming questions. Most of the questions will be basic like explain about avalanche and zener breakdown, Ampere circuital law, Gauss law, why is FET called FET, Advantages of K-map, canonical form etc. and some programming questions.

Have you cleared the round : NO

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH

AREAS TO PREPARE :

Core Subjects
Programming languages
Data structures

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

Textbooks mentioned in the syllabus book.
Indiabix, Faceprep, Condiura for aptitude and mock tests.
Programmiz and Javatpoint for Data Structures.
Hackerrank and Leetcode for coding practice.

OVERALL EXPERIENCE :

It was a good and challenging experience. Helped me assess where I am in my technical side.

GENERAL TIPS :

Prepare well and be confident with your answers.



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PLACEMENT AND TRAINING CELL

PLACEMENT YEAR 2020-2021

NAME	:	SAMITHRA R
ROLL NUMBER	:	1704099
DEPARTMENT	:	B.E ECE
EMAIL ID	:	suryasamithra2000@gmail.com
CONTACT NUMBER	:	9843488357
COMPANY NAME	:	embedUR
COMPANY TYPE	:	CORE
JOB DESIGNATION	:	SOFTWARE ENGINEER
SALARY (CTC)	:	5 LPA
INTERN OFFERED ?	:	NO
BOND	:	2 YEARS
HAVE YOU PLACED ?	:	NO

(Please comment this section ***in detail*** to guide your juniors in bright way)

COMMENTS ON SELECTION PROCESS :

ROUND 1 : ONLINE TEST

1. It consists of Aptitude, basic C programming, core subjects concepts.

Have you cleared the round : YES
Details about Questions on 1st round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
PROGRAMMING	Dynamic memory allocation, Array.	-
NETWORKING	Questions were on Protocols.	-
ELECTRONICS	Digital circuits - basics	-

ROUND 2 : TECHNICAL GROUP DISCUSSION (like rapid fire questions)

Questions will be from the core subjects.

Have you cleared the round : NO
Details about Questions on 2nd round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
Digital Circuits	Flip flop, Latch	-
C Programming	Difference betw. Malloc & calloc	-
LIC	High pass, Low pass filter	-
Microprocessor / Microcontroller	Questions were from 8051, 8086	-

ROUND 3 : TECHNICAL GROUP DISCUSSION (like rapid fire questions with Director)

- Same replica in pattern of the round as stated above.
- Questions were from same domains.

Have you cleared the round : NO

ROUND 4 : TECHNICAL come HR (1 on 1) round

Have you cleared the round : NO

Details about Questions on 4th round:

QUESTION DOMAIN	QUESTION	SOLUTION / HOW DID YOU APPROACH
NETWORKING	Difference betw. Protocols	-
MC/ MP	Basic questions from 8051, 8086	-
EMF	Diff. bet. Electric and Magnetic field, Gauss law, Maxwell equation	-
CIRCUIT THEORY	Basic Theorems	-

AREAS TO PREPARE :

- Data communication and Networking
- Digital Circuits
- EMF
- Microprocessor / Microcontroller
- Linear Integrated Circuits
- Circuit theory
- C programming
- Electron Devices

SITES / BOOKS YOU SUGGEST FOR PREPARATION FOR THE PROCESS :

- Lecture notes for Core subjects.
- “Data communication and Networking” by Behrouz A.Forouzan.

OVERALL EXPERIENCE :

- First round was little easy having basic questions mentioned previously.
- In technical group discussions, have to be quick in answering.
- Last HR round was on self intro, family background.

GENERAL TIPS :

- Be very clear in basics of core subjects which is very important for almost all rounds.
- Good knowledge in C programming is appreciated.
- Be clear and quick in answering for technical group discussions.