



DEPARTMENT OF MECHANICAL ENGINEERING

PLACEMENT GUIDE 2019

OUR MISSION

"To become a Centre of Excellence of International standard and provide a firm scientific and technological base for achieving self-reliance through education, research and training"

TABLE OF CONTENTS

SL NO.	DESCRIPTION	PAGE NO.
1.	General Guidance	ii
2.	2018-2019 Batch	2018-19.1
3.	2014-2015 Batch	2014-15.1
4.	2013-2014 Batch	2013-14.1
5.	2012-2013 Batch	2012-13.1

GENERAL GUIDANCE

1. Preplacement Talk (PPT)

See the company website before placements and take some notes regarding their recent activities.

- Listen to the presenter carefully. He might ask some questions in between. Your answers will fetch you some bonus points.
- Be Punctual.
- Be in a formal attire.
- Ask relevant questions at the end of PPT. It will fetch you positive points.
- During interview, interviewer might ask what you understood from our PPT. If you didn't listen you might get caught.

2. Written / Online Test

- Prepare and practice aptitude and technical questions two months before start of placements.
- Attempt all question if there is no negative marking.
- If you are the topper of written or online test, chance of getting placed is more.
- Top MNCs will give online test most of the time. For that you have to wait outside CSE or IT department for a long time. Don't lose your patience in that period. Otherwise you can't perform well in the test.
- Online test conducted by Aspiring Minds will be ADAPTIVE TEST. Questions in the upcoming sections will be based on your performance in the current section.
- Fill your details correctly before the start of online test.
- Online test results will be announced in midnight or early morning. So be cautious on your preparations for upcoming round.

3. Group Discussion (GD)

- Take a paper and pen before entering GD Room.
- Be bold while speaking.
- Don't be nervous inside the GD room.
- Starting and Concluding GD will fetch you extra points.
- Be active throughout the Group Discussion.
- Do not dominate the GD.
- Helping others to speak will give you extra points.
- Tell relevant points alone.
- Doing mock GDs in your place will boost your confidence level.
- Speak to the point. Don't blabber.

4. Interview

- Prepare a compact resume of your own.
- Enter the interview room with full confidence.
- Greet them once entering.
- Keep eye contact with interviewer(s).
- Answer to the point. Don't talk unnecessarily.
- Don't tell 'I DON'T KNOW' again and again. Tell some relevant points for the question.
- Know about the company by seeing their website and listening PPT.
- Know your strength and weakness.

5. Books and Online References

✓ Main Reference – Core and Aptitude

1. R.S. Agarwal – Quantitative Aptitude and Verbal (Separate books)
2. R.S. Khurmi – Technical (Theory and Questions)
3. <https://www.indiabix.com/> - General Aptitude Test & technical test

✓ **Main Reference – Core and Aptitude**

1. R.S. Agarwal – Quantitative Aptitude and Verbal (Separate books)
2. R.S. Khurmi – Technical (Theory and Questions)
3. <https://www.indiabix.com/> - General Aptitude Test & Technical Test
4. <https://www.hackerrank.com/> - Coding practice
5. <https://www.codechef.com/> - Coding practice

✓ **Other Reference**

1. www.educationobserver.com
2. Introduction Pages of all text books studied in your previous semesters.
3. <https://www.placementseason.com/> - Placement Practice

These are the basic study materials. Most of the aptitude and technical books are available online as well as in our college library. If you wish, you can prepare in any other materials. It is important to prepare for written test two months before the starting of placements. You have to prepare thoroughly. To show all your skills in the GD or Interview, it is must to crack this round. Mostly all the companies will keep written or online test for the selection process.

6. Tips for Placement

1. Try to be before 20 minutes before the online tests in order to avoid confusion and tension and be in proper formal with ID card and it is advised to have another form of ID (Eg, Aadhar card, driving licence, etc) in hand always.
2. Enhance the online test skill by having mock test in the websites mentioned above and attend the online tests.
3. Do a research work on each company before sitting for the placements as some questions can be based on the company.
4. A lot of questions from your project and try to keep it that way because mostly they don't know a lot about your project and they are asking to know how much deep you can answer and you really understood the project or not. Add the clubs you are in and your projects in tell me about yourself.

GD TOPICS:

1. Future of IC engines
2. Participation of millennial in politics
3. Is it necessary to have internet connection at working places?
4. Recent trends in e-governance sector
5. Applications of AI
6. Demonetization
7. Future of automobiles
8. Hybrid vehicles vs electric vehicles
9. Technological development vs environment
10. Media- boon or bane
11. Chinese growth model vs Indian growth model
12. Pros and cons about CEG
13. Alternate methods for placement process
14. Impact of social media in youth
15. Me too movement
16. Self-driving cars in India
17. Impact of plastics on environment
18. Modern trends in defence industry
19. Digital money - talk about its safety and future
20. Indian Education system
21. Why IIT students better qualify for jobs
22. E-vehicles
23. FOREX

HR QUESTIONS:**Quick Tip:**

- *Be mentally sound.*
- *Learn about the riddles and puzzles (easily found in google. Link for example: <https://www.geeksforgeeks.org/category/puzzles/>)*
- *If you really want the job, be prepared to say yes for questions like “will you take jobs outstations? will you join the company now? etc”*

1. Tell me about yourself. (In answering this question at the end add some points to sell yourself, i.e., do a swot analysis)
2. What are your strengths?
3. What is your weakness?
4. What is the thing that makes you suitable for this job?
5. What do you know about our company?
6. Would like to work in shifts?
7. What you want to be in the next five years?
8. Rate yourself in helping your parents

TECHNICAL QUESTION:

Quick Tip:

- *If you have included about inplant trainings, internships or industrial visits, be sure to know thoroughly know about the company, the products they make, processes involved in manufacturing and effects of those processes on materials, etc. Sometimes the company you visited will be a supplier for the recruiting company and hence they will ask many questions related to it.*
- *For any company, know **PPCE** and **CIM**.*
- *Choose any two or three topics as areas of interest, but be sure to be strong and confident in those subjects.*

Area of Interest: Strength of Materials

1. Draw the stress strain curve for mild steel and aluminium.
2. What does strength of materials deal with? Where will you apply it in real life?
3. Draw the SFD and BMD for cantilever, simply supported beams. (Beams may be custom loaded and also the supports may be altered by the interviewers)
4. Explain Mohr's circle.
5. Draw and explain bending stress and shear stress diagram for the following shapes. (I- shape, circle, etc)
6. A solid shaft and a hollow shaft have the same outer diameter. Which is better for power transmission and why?
7. State different physical properties and explain each of them.
8. Difference: annealing, normalising, tempering

9. Physical significance of structural rigidity.

Area of Interest: Automobile

1. Draw the thermodynamic diagrams
2. Questions mostly on engines
3. Diff between CI & SI engines
4. Questions from sub systems, tyre nomenclature and types, camber-caster-toe
5. What are the ideal angles and why?
6. Properties of petrol and diesel especially flash and fire points
7. Knocking
8. Types of fuel injection
9. Octane number, Cetane number
10. Types of air flow in IC Engine
11. Power cycles

Area of Interest: Strength of Materials

1. Mohr's circle
2. What is principal stress shear stress
3. Draw the stress strain diagram, deflection curve for simply supported cantilever fixed and also curves for bending moment diagram shear stress diagram

Area of Interest: Thermal

1. Power plant Engineering concepts
2. Power cycles
3. Laws of thermodynamics – must be known (There are four laws.)

Area of Interest: R & AC

1. Which cycle is used in aero planes; how much tonnage is required for the interviewing room to control the temperature?

Area of Interest: Engineering Mechanics

1. Friction: What's the friction between a wooden box and floor, what are the ways to reduce it.? Is there any way to reduce it drastically?

Area of Interest: Engineering Graphics

1. Symbols of 1st and 3rd angle projection

Area of Interest: KOM

1. Draw the mechanism on which opening lid dustbin works.

Area of Interest: FEA

1. What is a governing equation?
2. How FEA works?

Area of Interest: Manufacturing Companies:

1. Basic knowledge of manufacturing process
2. Know when a process must select, or minimum parameters to choose a manufacturing process. Ex: *you can't cast objects with thickness less than 3mm. In that time, you need to opt for bending (preferable) or machining.*
3. Material science and heat treatment.

ALL THE BEST

2018-19

Prepared by,
Santhosh Lakshmanan
Placement Representative
8489416696

**Companies included for Mechanical Engineering Department
in their placement process 2018-19**

1. Saplabs
2. Cypress Semiconductors
3. Exxon mobil
4. Citicorp
5. Fidelity
6. ChargeBee
7. Caterpillar
8. CTS
9. TCS
10. Infosys
11. LNT
12. Sapient
13. Temenos
14. Wipro
15. Saggezza
16. Technip
17. Whirlpool
18. Hyundai
19. MRF
20. Ashok Leyland
21. Capgemini
22. Keyence
23. Latent View
24. Saint Gobain
25. ZOHO
26. Jaro
27. Caterpillar
28. Rane
29. Titan Engineering
30. Fiat Chrysler
31. Bridgei2i
32. Vedanta
33. ECS

34. Reliance
35. Systhink
36. Lucas TVS
37. Sanmar
38. HCL
39. Valued Epistemic
40. Torrent Power
41. CAD Macro
42. Diamler
43. TVS Srichakra
44. Tolaram
45. Renault Nissan
46. Value Epistemic Digital Marketing
47. KBR
48. Nippon Electricals
49. Myntra
50. Sundaram Fasteners
51. Severn Glocon
52. Mahindra & Mahindra
53. Hinduja
54. Bluecold Refrigeration
55. Valued Epistemics
56. Valued Epistemics
57. CPCL
58. Chain-sys
59. Dalmia
60. Magna (Only for women)
61. Bosch
62. Oyo Rooms
63. Murugappa
64. Magna
65. Kone Elevators
66. SP Textile Processors
67. TNPL (Tamil Nadu Petroleum Limited)
68. GMMCO
69. Systhink

Contact Details of Placed Students

Total Number of students placed in Mechanical Engineering, CEG (EM, TM): 62

Sl.No	Company Name	Name of the student(s) who got placed	Contact No.
PPO	Harita Fehrer TVS	Venkataraman M	9597853129
1	Cypress	Ganapathy V	8754655515
2	Exxon Mobil	Koushik Gowtham	9789071262
3	Citicorp	Gokul Raj K	7871796911
4	CTS	Rahul S	7401691495
		Sukumar S	8124282373
5	TCS	Parthasarathy T	9597367849
		Santhosh Lakshmanan	8489416696
		Bothishwaran G	8220058971
		Sherish Fernandez Adhan S	9944550888
6	Infosys (Core)	Keerthibaalan T	9944970615
7	Infosys (IT)	Dhanachezhiyan K	9445666117
		Ramesh R	8946047470
		Sanjeev Kumar M	8220884616
		Tamil Mani T	8012633176
8	Temenos	Sivaraj Kumar J	7092846921
9	Technip	Gowtham G	7094931565
		Jocelyn Maria Princy N	9488400884
10	Whirlpool	Amritha B	9094124923
		Mageshwaran M	8012365560
11	Hyundai	Siva Prakash P	9677436960
12	MRF	Mohan Prasath N	9095936611
13	Ashok Leyland	Srikanth P	8489588211
		Sheik Mohammed R	9941718272
		Dinesh Babu G	9600293869
14	Rane	Jawahar RB	9600851742
		Sharath S	7871505036
		Srinivas S	8760174544
		Balaji Ganesh S	9042348926
15	Titan Engineering	Sureendar	8608686465
		Vignesh M	8940766708
16	Fiat Chrystler	Akilan S	9095617208
		Dhanachezhiyan K	9445666117
		Manoj V	9789296702
17.	Vedanta	Vishanth R	9500207687
		Udhayachandran	9940329028

18	Reliance	Narendhar R	8754467645
		Tamil Mani T	8012633176
19	Lucas TVS	Ramesh R	8946047470
		Elanthiraiyan E	9486789913
20	HCL	Karthicraja R S	9487025812
		Bharath R	9842802451
		Venkateshwaran P	9942327289
		Viswanath S	9787389615
		Varun Sriram K	8508903685
		Vijayharish K B	9600220124
		Balaji AD	8015473995
21	Valued Epistemic	Manikandan M	8428746776
22	Torrent Power	Ranjith Kumar MP	8124007669
		Anandhan A	7402404730
		Asbel J Sajan	8903305232
23	Diamler	Sanjeev Kumar M	8220884616
		Balaji J	9884263674
24	TVS Srichakra	Praveen K	8608681300
25	KBR	Varun Ramalingam	9884350580
		Vignesh VB	9787536414
26	Myntra	Mohan Ram G	8939066051
27	Severn Glocon	Bharath E	9626682720
28	Mahindra & Mahindra	Mohandass E	8015913090
29	Hinduja	Pradeep B	9176445821
		Dheenadhayalan N M	8675026576
		Vanji Nathan S	9543892233
		Rohithdharshan M	7598087163
30	CPCL	Rahul S	7401691495
		Sabarivel P	9751191067
31	GMMCO	Sandhiya Sekar	9487902531
32	Kone Elevators	Ram Prajith Kumar P	9445553119

HFRL – HARITA FEHRER LTD.

NAME	Venkataraman. M
ROLL NUMBER	2015111057
BATCH	AB
CONTACT NO.	9597853129, 7904123074
EMAIL ID	venkataraman1607@gmail.com

JOB PROFILE : Graduate Engineering Trainee, Mechanical

JOB LOCATION : Belagondapalli, Hosur

JOB SALARY : 4.8 LPA

BOND DETAILS : 3 years - Rs.3,00,000/-

ELIGIBILITY CRITERIA : Candidates should have secured minimum 70% or 7 CGPA marks in qualifying degree examinations up to 5th semester (since I was recruited for intern during my 3rd year) with no back papers to get shortlisted for the selection process.

SELECTION PROCESS : Online test, Personal Technical Interview, Written Aptitude Tests, Group Activities, HR Interview, Intern, Project PPT Presentation.

EXPERIENCE:

TVS is one of the companies that is well known for its quality and commitment towards customers. Likewise, they show a great commitment in recruiting freshers from colleges. TVS group of companies offers 2-month internship program 'UTKARSH' (during summer vacation of 3rd year). The interns are assessed continuously during their internship period. The company offers job only to good performing candidates assessed during the internship period.

Harita-Fehrer is the automotive seating manufacturer under Sundaram Automotive Products Division (SAPD) – TVS group. The application was called on during the month of January – 2018. Candidates were shortlisted to online test using their Statement of Purpose (SOP) and academic performance. A good SOP is as important as your resume! The online test took place in the month of February 2018. There was English and Mechanical based questions. Everyone who took the test felt that the time given was not sufficient to answer the English section.

The candidates who have been shortlisted to the next round needed to face the personal technical interview at the CUIC. The interview was held in the first week of March. The interviewers were R&D division heads from Harita-Fehrer Limited, Hosur and Sundaram Clayton Limited, Padi. Being in the CEG Motorsports club helped me quite a lot to showcase my talents and involvement to the interviewers. (Being in any club always helps!)

The next stage was to clear 2 days assessment programs at the company premises in the first week of May. Anna University (CEG & MIT) students were called upon for the 2 days assessment session at the SCL - Sundaram Clayton Limited, Padi, Chennai. A series of aptitude screening tests (like photo aptitude, pictorial aptitude, graphical aptitude, etc.) were conducted during the forenoon session of the first day. The second half was fulfilled with group activities – story building (based on pictures), situation handling and prototype building for the given problem using given things. Everything was monitored by an HR professional and everything they looked for was our group coordination skills. The consolidated marks for the day (from individual tests and group activities) may lead to rejection during the first day, if it falls below certain marks.

The selected candidates can attend the 2nd day personal interview. The interviewers were 3 HR managers from SCL, Padi. The interview was mostly stress based. The same question may be asked over and over to find out your originality. Everything they looked for at this interview was team skills. Again being in CEG Motorsports helped.

The internship was offered for 3 Mechanical CEG students and 1 Mechanical MIT student at Harita Fehrer Ltd., Belagondapalli, Hosur. The stipend for the intern was ₹10,000 per month. Your performance in the intern is critical if you need a Pre Placement Offer (PPO). They look for your attendance, project involvement, project feasibility, commitment towards your work, etc. Finally, we need to present our ppts to our Plant Head and an external examiner – a professor from IITs.

Only two of us made out through after the internship. 1 from CEG and 1 from MIT. The selected results came out at the end of July - 2018. Medical test and background took place during January – 2019. Offer letters were released in April – 2019.

ALL THE BEST GUYS. NEVER LOSE HOPE.

CYPRESS SEMICONDUCTORS

NAME	GANAPATHY V
ROLL NUMBER	2015111079
BATCH	CD
CONTACT NO.	8754655515
EMAIL ID	arun.viswa28@gmail.com

JOB PROFILE : OPERATIONS ANALYST

JOB LOCATION : BANGALORE

JOB SALARY : 7.53 LPA

BOND DETAILS : No bond.

ELIGIBILITY CRITERIA : Candidates should have secured minimum 80% marks or 8.0 CGPA in qualifying degree examinations up to 7th semester with no back papers.

SELECTION PROCESS : Online Test, HR interview, Technical Interview, Telephonic interview.

EXPERIENCE:

ONLINE TEST: The company offered Operations Analyst job role for mechanical engineers and the online test mostly consisted of aptitude questions. There was a total of 25 questions with negative marking for wrong responses. Based on the performance of students a cut-off was set and 15 candidates were shortlisted for the next round.

HR INTERVIEW: The shortlisted candidates were made to attend a HR interview. It was a short interview. First I was asked to introduce myself. Then a hypothetical problem was given and the approach to solve the problem was tested.

TECHNICAL INTERVIEW: It was a skype interview. The interview panel consisted of 2 persons from bangalore. Since it was a business management kind of job, the topics mostly covered were **TQM, Industrial engineering**. Also they asked aptitude questions and checked the problem solving skills. They also asked about the **project experience in internship** since it was more related to the job.

TELEPHONIC INTERVIEW: The final round was telephonic interview. It was more of a HR interview but the questions were more critical. Questions like “Why did you choose this job?”, “Why should I hire you?” were asked.



NAME	Koushik Goutham J
ROLL NUMBER	2015111131
BATCH	CD BATCH
CONTACT NO.	9789071262
EMAIL ID	koushikj1998@gmail.com

JOB PROFILE : Graduate Engineer Trainee (GET)

JOB LOCATION : Bangalore

JOB SALARY : ₹ 10.8 Lakhs (CTC)

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : 7.0 CGPA and no current arrear

SELECTION PROCESS : Online test, GD, Interview

EXPERIENCE:

Online Test

The online test consisted of four sections. First 60 mins 60 questions. They can be answered in any order. **20 questions: verbal ability, 20 questions: Aptitude, 20 questions: logical Reasoning.** The question difficulty was moderate, but time provided for answering all questions was less.

Next section was technical round: **30 questions : 30 minutes provided** The questions were mostly based on subjects such as **Fluid mechanics, Thermodynamics** etc. The time provided for this round was sufficient. All questions were in MCQ format.

Pre-Placement Talk

Those shortlisted in online test were called to attend preplacement talk. A brief introduction of the company was told.

Group Discussion

The GD was conducted in groups of 7 and one moderator. The topics given were general. A pen and paper were provided. After topic was given 2 minutes was provided to write down the points. Total time for talking for all 7 people was 10 minutes and additionally 1 minute per person was provided to conclude the topic.

Interview

The interview was a mix of technical and HR. The duration of interview was 45 minutes. The questions asked were based on my project, area of interest, thermodynamics and Thermal engineering. After the technical round, HR interview was mainly about my extracurricular activities and sports etc.

CITI - Corporation

NAME	Gokul Raj K
ROLL NUMBER	2015111080
BATCH	CD
CONTACT NO.	7871796911
EMAIL ID	gokulraj03@gmail.com

JOB PROFILE : Citi Analyst

JOB LOCATION : Chennai

JOB SALARY : 12 LPA (CTC)

BOND DETAILS : No

ELIGIBILITY CRITERIA : 6.0 and above, no current arrear

SELECTION PROCESS : Online Test, Technical Interview, HR Interview.

EXPERIENCE:

Online test consists of three divisions – *Aptitude, CS technical and Coding*. With cumulative addition of these mark the next round candidates are shortlisted. The selected candidates are split into four domains of the company and the technical round was carried out with several panels for each domain separately. One who is not selected in the technical round of one domain can appear in the technical panel of the other domain and can have a try.

These selected candidates from each domain will have a HR round separately in front of a single HR and based on their performance final selected list will be produced.

As I was from Mechanical stream, they didn't seek much technical from me. Instead they cross verified whether I was suitable for that position or not. Most of the questions were framed from my CV and 3 question from application-based algorithm for which I have answered with both Mechanical and Coding intermixed. And I justified why I had chosen Citi corp though am from mechanical department.

While considering my HR, it lasts only for 10 minutes. The questions were mostly based on my answer to the question "*Tell about yourself?*"

Before attending this interview go through the company's profile.

ALL THE BEST GUYS. NEVER LOSE HOPE.

TEMENOS INDIA PVT. LTD.

(BANKING SOFTWARE AND SERVICES)

NAME	Sivaraj Kumar J
ROLL NUMBER	2015111111
BATCH	CD BATCH
CONTACT NO.	7092846921
EMAIL ID	sivarajkumar237@gmail.com

JOB LOCATION : Chennai

SALARY : 6 LPA

BOND : 2 Years (Rs.2,00,000 should be paid if we leave earlier)

ELIGIBILITY CRITERIA : No history of arrears and should have more than 9.0 CGPA

SELECTION PROCESS : Written Test (Aptitude, Comprehension, Logical, Algorithm for a given problem, How will you handle a particular situation), Technical Interview, HR Interview.

EXPERIENCE:

- **WRITTEN TEST :**

There will be two separate test. One for CS/IT branches and another for non-CS/IT branches. Written test wasn't very tough. For Aptitude & Logical, they asked only very basic questions. They asked me to write an algorithm for preparing a Grocery Bill. That's pretty simple too. I prepared MYSQL basics earlier. So you should learn any one of the SQL languages available. Then they will give a scenario and will ask us to write how we will handle that situation.

- **TECHNICAL INTERVIEW :**

After written test, results will be announced. In the technical interview they asked me why I want to join an IT company since I'm from mechanical stream. I didn't choose mechanical because I loved that stream. After joining only I realised I am not suitable for this stream. I started learning Python in 3rd year and started doing small projects to pass time. I love Astronomy and Programming. So I did a small project on detecting exoplanets using real data from WASP satellite. I explained these things and made them understand why I want to join an IT company.

Then they asked me few questions in programming like difference between Function Overloading and Function Overriding, Inheritance in programming. After that they asked me to write an algorithm to remove any duplicate characters in a word or sentence.

- **HR INTERVIEW :**

After clearing technical interview, in HR interview they asked me the usual questions like “Tell me about yourself”, “What’s your goal?” etc; Your answers should be very different from the usual ones. I’m a huge fan of Elon Musk. So I told them about how he inspires me. I also told them about why I don’t like mechanical, then about future of humanity, Global Warming, Climate Change. These are irrelevant to the job but it will make them understand whether I’m upto-date with the world or not. I also discussed them about the things they talked in their PPT.

In all the interviews they didn’t even open my file. You should have an impressive single-page resume. It should reflect what you have done in the past.

If you love coding then try hard for an IT company. It will be useful for your projects as well as for your career. All the best.

TECHNIP INDIA LTD.

NAME	Gowtham G	Jocelyn Maria Princy N
ROLL NUMBER	2015111018	2015111085
BATCH	AB	CD
CONTACT NO.	7094931565	9488400884
EMAIL ID	gowthamgbdv@gmail.com	joce.karai@gmail.com

JOB PROFILE : Trainee Engineer

JOB LOCATION : Chennai

JOB SALARY : 4.8 LPA

BOND DETAILS : No Bond

ELIGIBILITY CRITERIA : No history of arrears, above 70% (10th, +2 / Diploma & Engineering)

SELECTION PROCESS : Online test, Group Discussion (No shortlist after GD),
Technical cum Personal Interview

EXPERIENCE:

The Online test lasted for about one and half hours which consisted of both technical and aptitude questions. It was an *AMCAT* test. From the online test, 12 students were shortlisted for the next round.

Group Discussion was the next round. 12 of us were in the same group. The GD lasted for about 15 minutes. It was a general topic that we discussed about. Listening to what others speak is as important as making your statements. The GD had a concluding session as well in which one person had to give the summary of what happened.

There was no shortlisting from GD. So, the 12 of us attended the technical cum personal interview which lasted for about 20 minutes each. Technical questions were based on our interests, projects, etc. The questions were basic such as thermodynamic cycles, refrigeration cycles, pumps, turbines, heat exchangers, types of lubrication, and so on. Personal questions were related to family, interests, strengths, weaknesses, etc.

Whirlpool of India Limited

NAME	MAGESHWARAN M	AMRITHA B
ROLL NUMBER	2015111028	2015118002
BATCH	AB	TM
CONTACT NO.	8012365560	9094124923
EMAIL ID	mageshwaran1997@gmail.com	amrithabalakrishnan08@gmail.com

JOB PROFILE : Graduate Engineer Trainee (GET)

JOB LOCATION : Gurgaon, Delhi

JOB SALARY : Rs.6.5 LPA(CTC) + Rs.2,00,000(Retention Bonus)

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : 8.0 CGPA & above, No history of arrears

SELECTION PROCESS : Psychometric assessment, Group Discussion, Technical and Personal interview

EXPERIENCE:

Psychometric assessment:

The shortlisted students based on the eligibility criteria as mentioned above were sent with a mail consisting of a link to attend the psychometric test through online. The test consisted of 60 questions which is to be answered within 20 minutes. Each and every question was framed to identify our personal attitude, ability and to find our suitability for the job. The next round was Group Discussion, the students were selected based on their ability and consistency in answering the questions.

Group Discussion:

The shortlisted students from the psychometric test attended the GD, the Group Discussion panel consisted of two members. The students were equally divided into groups and given general topics (GST was the topic for my group). Each and every student in our group was given opportunity to speak on the topic and they noted the name of the students who spoke well. Likewise, 15 students were totally selected from all the groups for the interview.

Interview:

The interview panel consisted of one technical and one HR person. Initially the HR person asked some general questions like, tell me about yourself? and some situation questions to find how we react in those situations. Then the technical person asked some questions based on our areas of interest, internship and project.

My advice for you guys based on my experience is to prepare well for the online test first because only after getting through it, you will be able to reach GD and interview. Focus more on technical side by referring the text books again and again. Once you are technically strong no matter how tough the test is, you will easily clear every stage of selection. For group discussion, collect topics from the newspaper daily and get to know about the topics, even have a separate notebook to note special points and take the notebook with you to the GD. About the interview be technically strong in your areas of interest and try to develop your self - confidence and be bold.

ALL THE BEST GUYS

MRF (R&D)

NAME	Mohanprasath N
ROLL NUMBER	2015111094
BATCH	CD BATCH
CONTACT NO.	9095936611
EMAIL ID	mohanprasath.n2@gmail.com

JOB PROFILE : Research and Development (R & D)

JOB LOCATION : Chennai

JOB SALARY : Yet to say

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : Male candidates- 60% above without any standing arrears

SELECTION PROCESS : Online test, GD, Interview

EXPERIENCE:

First round was an **online technical test** and it had 30 questions. Questions were mostly on automobile basics (*mostly on bearings, brakes, tyres, gears, toe*). They set a cut off value for the first round and if you are above it will display “congratulations! You are selected for the next round”.

Nearly 40 of us got selected for the next round. The next round has 3 rounds.

APTITUDE ONLINE TEST - It had 40 simple aptitude questions. That was an easy one and they gave enough time to solve all questions.

They asked us to make a day plan for the the situation they gave.

GROUP DISCUSSION - The topic was “*impact of plastics on environment*”.

They called all 40 of us for maintenance role and only 6 of us for R&D department. For R&D there were candidates from SSN, NIT Warangal, Manipal institute as well. Initially there was a GD to check our confidence level. There was no elimination and 30 of us from all 4 college went for the technical interview.

The interview was started with “*tell me about yourself*”. Then they asked most of the questions from my project. They asked me to explain the project from the start and the problems we faced in it and how we solved it. It went for nearly 40 minutes. One of my friends said his area of interest was Manufacturing technology but the questions were mostly on Engineering Mechanics, Strength of Materials.

6 candidates were selected for the final HR round and was with Vice President. It was just 2 mins interview and all of us got selected. The result came after 2 weeks of the interview.

ASHOK LEYLAND

NAME	Srikanth P	Dhinesh Babu G
ROLL NUMBER	2015111112	2015111077
BATCH	CD	CD
CONTACT NO.	8489588211	9600293869
EMAIL ID	sri04071998@gmail.com	dhineshgopal.97@gmail.com

NAME	Sheik Mohammed R
ROLL NUMBER	2015111110
BATCH	CD
CONTACT NO.	9941718272
EMAIL ID	sheikrahamathullah@gmail.com

JOB PROFILE : Graduate Engineer Trainee

JOB LOCATION : Training at hosur. Posting will be at any of its units

JOB SALARY : 4 lpa during training, 7 lpa from 2 nd year

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : 7.0 and above

SELECTION PROCESS : Online test, Gamification round, interview (technical and hr) in parallel.

EXPERIENCE:

Online test consists of 2 parts. **Apti : 60 questions for 60 min and technical: 60 questions for 60 min.** All of them are multiple choice only. **Technicals cover Design subjects, Manufacturing, Thermal subjects.** Aptitude is full of speed, and time, boats and streams, logical reasoning.

2nd round was **Gamification Round**: Candidates were asked to install Nautics app. Game duration is Maximum 45 mins. In this process some puzzles and psychometric questions were asked.

Shortlisted students were asked to attend the final interview. In final interview Technical questions came from Automobile side, followed by candidate have to speak 1min about a random topic

RANE

NAME	JAWAHAR R B	SHARATH S
ROLL NUMBER	2015111084	2015111047
BATCH	CD	AB
CONTACT NO.	9600851742	7871505036
EMAIL ID	jawaharrb97@gmail.com	sharath21091998@gmail.com

NAME	SRINIVAS S	BALAJI GANESH S
ROLL NUMBER	2015111050	2015111009
BATCH	AB	AB
CONTACT NO.	8760174544	9042348926
EMAIL ID	srinivaspollachi3@gmail.com	ganeshbalaji995@gmail.com

JOB PROFILE : Graduate Engineer Trainee (GET)

JOB LOCATION : Unknown

JOB SALARY : 3.5 lpa

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : Above 70% from class X

SELECTION PROCESS : Written Test, Group Discussion and Personal Interview

EXPERIENCE:

Written test consists of 2 parts. ***Aptitude: 30 questions for 30min and technical: 30 questions for 30 min.*** The difficulty level of the questions was medium and there was enough time to attend all the questions. The technical questions could be answered with medium to good subject knowledge.

The results of the first round were announced shortly and a GD was conducted. The crew was separated into two halves, one half must speak supporting the topic and the other half against it. GD was conducted for about 20 minutes. There was no elimination from the GD. Then Personal interview was conducted. Here, the questions were mostly from our subject of interest. Some basic questions like tool nomenclature, nose radius were asked. Apart from that a few HR questions were asked to check our presence of mind. Some people got questions asked from their projects. Some others got questions from their hobbies also. The results of the interview were announced within a week.

TITAN ENGINEERING & AUTOMATION LIMITED

NAME	SUREENDAR P	VIGNESH M
ROLL NUMBER	2015111051	2015111121
BATCH	AB	CD
CONTACT NO.	8608686465	8940766708
EMAIL ID	p.sureendar@gmail.com	vigneshcbe1997@gmail.com

JOB PROFILE : Graduate Engineer Trainee

JOB LOCATION : HOSUR

JOB SALARY : 4.7 LPA

BOND DETAILS : No Bond

ELIGIBILITY CRITERIA : 6.0 & above from 10th onwards, No history of Arrears.

SELECTION PROCESS : PPT, Online test, GD, Technical & HR interview.

EXPERIENCE:

ONLINE TEST:

45 questions aptitude

45 questions technical

1.5 hrs time limit.

The aptitude questions contained more pattern recognition with shapes and were pretty high level. The technical questions were on par with AMCAT questions. The topics asked for technical questions were from manufacturing, GD&T, Metallurgy, hydraulics and pneumatics, mechanics (Most questions were from these topics). If you have attended online test from companies visited before, you might have good picture of the level of questions asked.

PPT and GD:

The selected students of online test were called upon for PPT (PRE-PLACEMENT TALK). Then they were separated into groups and group discussion was conducted. They were general topics. In GD don't ever dominate over others and get into direct opposition. In GD be sure to speak up. Even though you don't know a topic, don't panic. Just let the

conversation start. Listen to what people say, pick a side and rally your points. In GD you don't have many chances to speak and your point can be stated by someone else. Therefore, if you have got a valid point speak up as soon as possible.

Seven students were selected for interview from GD. Unfortunately; the interviewers were not available come to CUIC. So, we went to the HOSUR site for direct Interview.

PERSONAL INTERVIEW: (Sureendar)

Before the personal interview started, there was a twist. Each one of the selected students was handled with a 3d diagram and was directed to draw the front view, top view, and side view (orthographic projections). They gave us paper and pencils. They won't give you scale, so use your scale and make it neat. You will be given with 30 minutes. The 3d diagram will not have dimensions. You will be asked to give suitable dimensions in orthographic projections. Make sure you don't have redundant dimensions. You will be also asked identify suitable manufacturing process, state the reason and also make process planning. If you have process planning and cost estimation elective, it will come for your aid.

In the personal interview, there were two interviewers (HR and TECHNICAL) the first question was tell me about yourself. They even asked my family annual income. The technical person reviewed my orthographic drawing. First made fun of it, since it was a free hand sketch (I didn't use scale and he asked why didn't you use my ID card). I replied that it was a free hand sketching, hence I didn't need one, but he insisted on using scale. I made my drawing pretty flawless (except for the free hand sketching), so I escaped. Then he asked why I chose the manufacturing process and explained my process plan. It did impress him. Then he jumped to gears suddenly and asked to define pitch circle, pressure angle, etc. I was startled since it was not my forte. I clearly said to him that I was good at definitions. So, he asked the relations between. No. Of teeth, rpm and gear diameter for simple gear train compound and planetary gear train. Then after seeing my area of interest (Engineering materials and metallurgy) asked me to draw iron-iron carbide diagram and asked questions from them. Then questions came from heat treatment. It went around 45 – 50 minutes for me and my friend (VIGNESH M).

After I had Lunch, I was again called upon. (I was the only one to have interview for second time. This was my technical interviewer was not available for others and he wanted to interview me again). This guy was from IIT MADRAS and started questioning my choice of manufacturing process and from my interests. Then he went into design of shafts, Vibration in shafts, Kinematics of Machinery. From all these topics he started from foundation and kept on increasing the level of questions. By the time KOM was over I was pretty exhausted and went to Hydraulics and FLUID DYNAMICS (in which I was weak and had not prepared well with this subject). So i told him it was my forte, but was able to answer the basic like the types of flow (Which was the only question I answered in that topic). This went for another hour. Thus, our interview came to an end. The company reimbursed our travel expenses and even paid for hotel expenses.

FIAT CHRYSLER

NAME	AKILAN S	K. DHANANCHEZIYAN
ROLL NUMBER	2015111002	2015111076
BATCH	AB	CD
CONTACT NO.	9095617208	9445666117
EMAIL ID	akilajay07@gmail.com	dhanancheziyan97@gmail.com

NAME	MANOJ V
ROLL NUMBER	2015111091
BATCH	CD
CONTACT NO.	97892 96702
EMAIL ID	vmano1998@gmail.com

JOB PROFILE : GET

JOB LOCATION : Not yet declared

JOB SALARY : 4.25 lakh per annum

BOND DETAILS : 3 years

ELIGIBILITY CRITERIA : 75% above in 10th and 12th, 7.0 above without history of arrears

SELECTION PROCESS : first process is aptitude round, after clearing that round I had gone through group discussion round and four relays of interview. Two sets of technical round and hr round.

EXPERIENCE:

Aptitude round was little bit easier as it was covered by **40 questions of technical and aptitude**, and then in group discussion you need to communicate to each other so that you project yourself well to the panel members and knowledge about the topic will be found. The topic which I had given is, '**economical or environmental growth which is needed**'. Then you need to be so strong in basics and should thorough the topics in your subject of interest. 10 to 15 questions have posted to me some of which is from strength of materials. Those questions need technical answering. Then HR round includes basic questions to check your attitude and personality.

RELIANCE

NAME	Narendhar R	Tamil Mani T
ROLL NUMBER	2015111033	2015111116
BATCH	AB	CD
CONTACT NO.	8754467645	8012633176
EMAIL ID	mailnaren07@gmail.com	vktamil2248@gmail.com

JOB PROFILE : Procurement and Contracting

JOB LOCATION : training at Mumbai

JOB SALARY : 5.5 LPA

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : 6.0 CGPA & above, No current arrear

SELECTION PROCESS : Online test and personal interview

EXPERIENCE:

I would like to share my experience on the selection process conducted by Reliance Industries Ltd. The selection process consisted of 2 parts. First, the students who had CGPA of above 6.0 and had no current arrear were shortlisted for online test. This online test had two sections - Aptitude and Technical. The duration was 1 hour. The aptitude part was very easy and with some basic knowledge on some of the important core topics, we could clear the technical part too.

Then, I was shortlisted for the interview and in that I was asked some basic questions on my areas of interest. The interviewers were really sweet and they enquired about my hobbies, interests and also our state's current political status. The interview went quite well and smooth. After the process, two students were selected from mechanical stream including me. It will be an added advantage if the students know Hindi as the work place will mostly be in North India.

TVS LUCAS

NAME	RAMESH R	ELANTHIRAIYAN E
ROLL NUMBER	2015111104	2015111078
BATCH	CD	CD
CONTACT NO.	8946047470	9486789913
EMAIL ID	ravichandranramesh619@gmail.com	elanthi.elr@gmail.com

JOB PROFILE : Graduate Engineer Trainee (GET)

JOB LOCATION : PADI, CHENNAI

JOB SALARY : 3.72L/ANNUM

BOND DETAILS : 4 YEARS

ELIGIBILITY CRITERIA : 7.5 CGPA, NO HISTORY OF ARREARS

SELECTION PROCESS : PPT, ONLINE TEST, GROUP DISCUSSION,
TECHNICAL & HR INTERVIEW.

EXPERIENCE:

PPT (PRE-PLACEMENT TALK) observe everything they say about their company and the future trends they are concentrating, and make a visual of what skills that might be useful for their company. Ask any doubts immediately at the moment, don't wait for others (make sure the doubt is in a positive manner "no negative impression about you").

Written test consists of three parts (verbal (ordinary and easy) , Technical (mostly on SOM, HMT, FLUID DYNAMICS) preparing for GATE ,Then you can easily pass it , just good understanding of basics is enough , Aptitude easy 20 questions (NO NEED TO STUDY SEPERATELY FOR IT) , attend the online test of bulk and IT core, then you can crack it.

Third round GD, Mostly max 8 will be selected out of total candidates shortlisted for GD. Don't get nervous speak less no of points but with max content. No need to talk much. Have a face to face contact with interviewer and other candidates. If you gonna use statistics be sure of it, since it may provide a chance to other candidates and interviewer to question you.

HR interview, *the questions asked are basic like introduce yourself, why we want to hire you, family background* that's it.

TECHNICAL INTERVIEW about the softwares which you put in your resume (IF IT'S A 3D SOFTWARE MEANS YOU ASKED TO DESIGN IT) and explain, for me they asked to show stress and heat distribution in a 4-stroke engine while working using ansys and solidworks. Don't hesitate to say don't know being silent for longer time may irritate the interviewer, instead just say sir I know what you expect but I can't recollect the answer at the moment. Be solid in the subject which you indicate as your area of interest.

HCL Technologies

NAME	BALAJI A D	BHARATH R
ROLL NUMBER	2015111071	2015111011
BATCH	CD	AB
CONTACT NO.	8015473995	9842802451
EMAIL ID	Balajideva321998@gmail.com	Bharathbrights180@gmail.com

NAME	KARTHICRAJA R S	VIJAY HARISH K B
ROLL NUMBER	2015111024	2015111124
BATCH	AB	CD
CONTACT NO.	9487025812	9600220124
EMAIL ID	karthicrajasaravanan@gmail.com	vijayharish2398@gmail.com

NAME	VENKATESWARAN P	VARUN SRIRAM K
ROLL NUMBER	2015111120	2015111056
BATCH	CD	AB
CONTACT NO.	9942327289	8508903685
EMAIL ID	venkipvmv@gmail.com	kvsriram1997@gmail.com

NAME	VISWANATH S
ROLL NUMBER	2015111126
BATCH	CD
CONTACT NO.	9787389615
EMAIL ID	viswanathskpuram@gmail.com

JOB PROFILE : Graduate Engineer Trainee (GET), ERS division (Mode II)

JOB LOCATION : Unknown

JOB SALARY : 4.75 LPA

BOND DETAILS : 18 months

ELIGIBILITY CRITERIA : 75% and above in 10th, 12th and CGPA

SELECTION PROCESS : PPT, WRITTEN TEST, GD, TECHNICAL & HR INTERVIEW

EXPERIENCE:

Mechanical and some other branches were included only the evening before the day of placement drive of HCL Technologies. Also the criteria was 85% and later it was reduced to 75%. On the day of placement, PPT was conducted for nearly 1 hour. And then written test for both Technical (40) and Aptitude (60) with no negative marking. My suggestion is be strong in Technical. HCL has cumulative evaluation policy (i.e.) your performance from written test to interview will be given marks and their sum will be considered finally. So give each and every round the best you can. GD topics will be given by them and were really very easy.

Regarding technical interview, I was asked questions from almost all subjects that I have studied from 1st to 7th semester. Engineering graphics, E-Mech, Kinematics, SOM, Manufacturing, Metrology, FEA but basics in everything. For example, Symbol of first and third angle projection, Friction, Mechanism for opening and closing of dustbin lid, Shear force and Bending moment diagrams, Heat treatment process, Fits and Tolerances, GD&T, how FEA works are the questions I faced. So be strong in basics. Try to tell what you know in a short and sweet manner.

Those who are all selected in technical interview were selected in HR interview without any shortlist.

VALUED EPISTEMIC

NAME	Manikandan M
ROLL NUMBER	2015118022
BATCH	TM
CONTACT NO.	8428746776
EMAIL ID	manijothilingam@gmail.com

JOB PROFILE : Graduate Sales Trainee (GST)

JOB LOCATION : Chennai

JOB SALARY : 300,000 - 420,000 LPA

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : No criteria (All branches)

SELECTION PROCESS : Written,PPT, HR interview and Personal Interview

EXPERIENCE:

Written test:(Physiological test) The first phase of the selection process is written test nearly 400 members attended the written test held in IT department. After a month result was announced out off 400 members 86 members are shortlisted from the Physiological test.

PPT: The CEO of the company (Valued gave the detailed information about role description, salary, company norms. Along with the CEO one of the HR members gave the introduction about the selection process.

HR interview: This process in held in CUIC for whole day. As it is role of Graduate Sales trainee- they expected more talkative, good attitude, boldness, dressing sense. The first question towards me is that -Tell me about yourself. Next question was to sell a pen. Personal experience in any other carrier. This interview was carried out for more than 1 hour. After the HR interview out of 86 members 26 are shortlisted for final round.

Personal interview: The final round was held in their company. This round was similar to that of HR round but they analysed my Genuity based on few questions related to the previous round (HR interview).

My experience: I have one backlog from my 4th semester so I couldn't attend any core companies in the final year. The one and only company attended is Valued Epistemics. So, try to clear the backlogs within 7th semester so you could get more opportunities in the last semester. Be prepared and do well for your upcoming placements.

TORRENT GAS

NAME	Asbel J Sajan	Ananthan A
ROLL NUMBER	2015118008	2015118004
BATCH	TM Batch	TM Batch
CONTACT NO.	8903305232	7402404730
EMAIL ID	asbeljsajann@gmail.com	Anand1061998@gmail.com

NAME	Ranjith Kumar MP
ROLL NUMBER	2015111042
BATCH	AB Batch
CONTACT NO.	8124007669
EMAIL ID	mpranjithkumar1997@gmail.com

JOB PROFILE : Graduate Engineer Training

JOB LOCATION : Unknown

JOB SALARY : 3.25 LPA

BOND DETAILS : Nil

ELIGIBILITY CRITERIA : 7.5 CGPA, no current arrear

SELECTION PROCESS : Eligible students were made to go through a Written Test and Interview.

EXPERIENCE:

WRITTEN EXAM: The written test consisted of 100 MCQ questions from both Technical and aptitude. The technical questions were 76 questions from Thermodynamics, Fluid Mechanics, HMT and Power Plant Engineering. Preparation using basic standard GATE books will prove to be more than sufficient. Aptitude consists of 24 questions from General aptitude, Logical reasoning and Verbal. Nearly 15 students cleared the written round and I was one among them. We were made to fill an application form it was similar to a resume and this was used during interview purposes.

INTERVIEW: This was my first interview experience and it went for nearly 30 minutes.

1) Tell me about yourself

You have to tell about your family, schoolings, extracurricular activities, achievements in any field, area of interest, project, strength, weakness and hobbies.

2) What is meant by Curiosity?

As I said about by hobbies, curiosity to learn new things, they have asked me this question.

3) Do you have any plans to go to higher studies?

This is also a familiar question in all interviews. Tell NO and tell you were eager to work in a company to enrich your practical skills. Also don't tell them you wanted to be an entrepreneur. They won't select those candidates.

4) They enquired about my extra-curricular activities?

Prepare well in advance about your activities in college days.

5) Explain your project?

6) Can you able to work in any situation in India?

Everyone have your own day. Prepare well in advance and wait for the day. All the best

DIAMLER

NAME	Sanjeev kumar M	Balaji J
ROLL NUMBER	2015111106	2015111070
BATCH	CD	CD
CONTACT NO.	8220884616	9884263674
EMAIL ID	sanjeevsm22@gmail.com	balajijawahar1997@gmail.com

JOB Profile : GET

JOB LOCATION : Oragadam, Chennai

JOB Salary : 4.5 LPA

BOND DETAILS : 2 years

ELIGIBILITY CRITERIA : 7 above and no history of arrears

SELECTION PROCESS : Online test, GD, Tech and HR interview

EXPERIENCE:

First there was an online test for 90 minutes from aspiring minds which we took from our personal laptops connecting to their server. The online test consisted of three parts. The first one is aptitude which had 25 questions followed by verbal which had 20 questions and the final part being the technical part with 20 questions mostly concentratng on engines and automobile related things.

The shortlisted students were grouped into 2 based on their preference to go either for operations or product analysis and marketing. Then GD was conducted and one group was given the topic *Electric engines industry vs IC engines industry* and the other group was given the topic *Actors in politics*.

The shortlisted students from GD were interviewed according their preference of operations research or product analysis. There were two panels one for each. The questions were mostly based upon the resume of the candidates to check their communication and technical stuff mostly included questions regarding the commercial vehicles industry since the company itself is a commercial vehicle production company. The interview lasted for almost 45 mins. The first question was *to tell me about myself* and further questions were asked based on my statements on the previous questions such as *tell me a fascinating story about yourself in 2 mins. What do you think will be the most difficult thing once you join our firm? Why do you think marketing is needed for a popular brand like us?*

The tips to crack the interview are to be good with your communicating skills and ability to show yourself unique among the others. Take the interviewer to your area of interest and be thorough or at least have an idea to logically answer the questions posed to you.

TVS SRICHAKRA

NAME	Praveen K
ROLL NUMBER	2015111039
BATCH	AB
CONTACT NO.	8608681300
EMAIL ID	praveen.ak107@gmail.com

JOB PROFILE : Graduate Engineer Trainee (GET)

JOB LOCATION : Madurai

JOB SALARY : 3.5 LPA

BOND DETAILS :

ELIGIBILITY CRITERIA : No history of arrears with 7.0 CGPA

SELECTION PROCESS : Group Discussion, Online Test and Personal Interview

EXPERIENCE:

The selection process started with group discussion. Each panel consisted of 10 candidates supervised by a HR. We were given the topic “*Impact of social media on youth*” and the time for discussion was 10 minutes. It is better to start the GD as it adds extra marks. Communication fluency and attitude are important for group discussion.

The second process for the shortlisted students was online test. The test consisted of four sections: - *Verbal, Logical, Quantitative aptitude and Technical*. The first three sections can be cleared easily with practice. The technical section consisted of 20 questions covering the basic topics.

Finally, the personal interview had both HR and technical. It started with introduction about myself and my family. They asked about my projects and activities in the cultural and symposiums. In the technical side, they started with my fields of interest and asked a few questions about boilers and tyres manufacturing processes. The interview went on for about 20 minutes.

Be bold and confident in your points. Be strong in basics and in your areas of interest and try to know about the company and their works before attending the interview. All the best!

KBR, INC.

NAME	Varun A Ramalingam	Vignesh VB
ROLL NUMBER	2015111118	2015111122
BATCH	CD	CD
CONTACT NO.	9884350580	9787536414
EMAIL ID	varun_a_ram@yahoo.co.uk	vigneshbagyam@gmail.com

JOB PROFILE : Graduate Engineer Trainee (GET)

JOB LOCATION : Chennai

JOB SALARY : Rs. 4.7 LPA (CTC)

ELIGIBILITY CRITERIA : CGPA 7.0 with no current arrear

SELECTION PROCESS : Written Test, Interview

EXPERIENCE:

1. PRE-PLACEMENT TALK: A brief introduction about the company was given.

2. WRITTEN TEST: The test was divided into two sections- technical and aptitude, with each section consisting of about 40 questions, with everything being in a multiple choice format. We were expected to complete the test in under an hour.

The technical section consisted of conceptual questions based on core subjects.

The aptitude section included verbal and logical reasoning ability.

3. INTERVIEW: Candidates for the interview were shortlisted based on their performance on the written test. It was a highly interactive session with a mix of technical and HR questions, and went on for about 40 minutes. The technical questions were based on my field of interest and were concept-based and practical-oriented. It is recommended one be concise and straightforward.

Mahindra & Mahindra

NAME	MOHANDASS.E
ROLL NUMBER	2015111031
BATCH	AB
CONTACT NO.	8015913090
EMAIL ID	mohandassnov1997@gmail.com

JOB PROFILE : Graduate Engineer Trainee

JOB LOCATION : Yet to conform

JOB SALARY : Yet to conform

BOND DETAILS : Yet to confirm

ELIGIBILITY CRITERIA : Above 7 CGPA with no history of arrears

SELECTION PROCESS : online test, psychometric test, telephonic interview

EXPERIENCE:

At first the candidate has to create a login ID and password through the link given by the company. The application has to be filled through this portal. On successful submission of the application, the candidate will receive a mail.

The online test consisted of four divisions- quantitative ability(18 minutes), English ability (16 minutes), Logical reasoning(16 minutes), technical questions (20 minutes). The first three parts were quite as usual. The technical part was a bit difficult as it had questions from strength of materials, fluid mechanics, thermodynamics, metallurgy, engineering mechanics, mechanics of machines, etc.

9 students were shortlisted from the online test for the psychometric test. The duration of the psychometric test was about an hour. At the end of the test, report appeared which contained the strengths, weaknesses, reliability of the candidate's answer which were all based on the answers given by the candidate for each question.

Out of 9 students 2 students were selected for the telephonic interview which was not held due to certain circumstances.

ALL THE BEST GUYS. NEVER LOSE HOPE.

HINDUJA

NAME	Deenadhayalan N M	Pradeep B
ROLL NUMBER	2015111013	2015111036
BATCH	AB	AB
CONTACT NO.	8675026576	9176445821
EMAIL ID	deenadhayalan197@gmail.com	mailbp97@gmail.com

NAME	Vanji Nathan S	Rohithdharshan M
ROLL NUMBER	2015111055	2015111105
BATCH	AB	CD
CONTACT NO.	9543892233	7598087163
EMAIL ID	vanjinathan003@gmail.com	revanthrohith29@gmail.com

JOB PROFILE : Design Oriented

JOB LOCATION : Chennai

JOB SALARY : Rs.3.25 LPA

BOND DETAILS : 2 years

ELIGIBILITY CRITERIA :7 & above (No current arrears)

SELECTION PROCESS : Online test, GD (If too many students cleared online test), Technical interview and HR interview.

EXPERIENCE:

Online test consists of Aptitude and rapid fire questions. GD topics will be asked to the Students only. Technical interviews will be mainly based on PROJECTS (if you have contributed well and have a deep understanding about your project ,you can crack it easily) and HR interview will have only some basic questions like why Hinduja!?? Etc. And some puzzle question will be asked to some students but not all.

As I did my main project on Thermal sector , they asked me some basic thermodynamic and Heat transfer Questions (Conduction, Convection, Radius of insulation etc.) and since I did mist cooling of solar PV panel, they asked why not water !? They gave me paper and pen ,then asked me to theoretically prove the efficiency improvements on solar PV panel (theoretical calculations is ALL I had done until first review , so I was able to do it instantly) . I had Mechatronics in my area of interest. So they wanted me to explain what is Mechatronics and it's application. Luckily my mini project is on Mechatronics and I kinda

delivered the answer good. Since my mini project involved a design phase (using softwares like CAD and ANSYS) , they had some questions related to it and I was able to deliver it too.

Some Basic HR questions like *Why should I hire you? What is the difference between individual and a team player ? Why Hinduja ?* etc.. My HR interview also involved a puzzle question (*Calculating the distance travelled by a bird going to and fro between two trains*) . Though I wasn't able to arrive at the answer, I somehow managed to tackle it and talked to him with utmost sportivity (*though I completely lost it inside me*). Then he asked if I had any questions and asked him about the ways I can grow in the company.

CHENNAI PETROLEUM CORPORATION LIMITED (CPCL)

NAME	Sabarivel P	Rahul S
ROLL NUMBER	2015111043	2015111102
BATCH	AB	CD
CONTACT NO.	9751191067	7401691495
EMAIL ID	sabarivelp@gmail.com	rahulsampath02@gmail.com

JOB PROFILE :Engineer

JOB LOCATION :Manali, Chennai.

JOB SALARY :17LPA (7.2 LPA Take home)

BOND DETAILS : 3 years (Rs.3,00,000/- for General Category & Rs. 50,000/- for SC/ST/OBC/PwBD candidates)

ELIGIBILITY CRITERIA : Candidates belonging to General /OBC (non-creamy layer)/EWSs/ People with Disability (PwBD) categories, should have secured minimum 60% marks in qualifying degree examinations up to 7th semester with no back papers. Qualifying marks is relaxed to 55% for Scheduled Caste (SC)/Scheduled Tribe (ST).

SELECTION PROCESS :Interview

EXPERIENCE:

Discipline-wise the candidates are shortlisted for the personal interview process. The short-listed candidates are advised to fill in the Application Form enclosing therewith self-attested photo copies of educational qualification (10th/ 12th/ Degree mark sheets), Community Certificate and the short-listed candidates are also advised to bring the originals of the certificates enclosed for verification. During the interview date, the certificates are verified with its originals and the application form with self-attested photo is collected. Then the Candidates are called one by one for the interview process. The interview panel consists of five members, each evaluates the performance and the attitude of the candidates.

I was the fifth person entering the interview room in mechanical stream. I greeted them after entering the interview room. The following questions are asked for the interview:

1. Tell me about yourself
2. What is your strength?

I answered this question with an example.

3. What are the other companies you have attended?
4. What do you know about CPCL?
5. What are the products of CPCL?
6. Why do I want to hire you?
7. What will be your work in CPCL as a Mechanical Engineer?
8. What are the equipments used in petroleum refining company?
9. What is CIM (Computer Integrated Manufacturing)? (I mentioned this in my area of interest)
10. Where it is used? Give an example.
11. What is renewable energy resource? Give eg.
12. What is Bio-Gas?
13. How Bio-gas is prepared? And what is the composition of bio-gas?
14. How do we extract petrol?
15. Have you went for IV?
16. What do those companies manufacture and what you have learnt in those Industrial Visits?
17. Tell us about your family background.

I have answered these questions with confidence. Before attending this interview, I have gone through the company's profile.

ALL THE BEST GUYS. NEVER LOSE HOPE.

KONE Pvt Ltd

NAME	Ram Prajith Kumar P
ROLL NUMBER	2015111103
BATCH	CD
CONTACT NO.	9445553119
EMAIL ID	prajith.chamy@gmail.com

JOB PROFILE : Mechanical Design Engineer

JOB LOCATION : Ambattur, Chennai

JOB SALARY : 4LPA

BOND DETAILS : 2 years

ELIGIBILITY CRITERIA : CGPA above 7.0 with no history of arrears.

SELECTION PROCESS : Online test, Tool test, Technical interview, HR interview

EXPERIENCE:

Online test for shortlisted candidates. Followed by Creo/AutoCAD/ANSYS tool test. You may be asked to attempt any one or two. They prefer candidates who are exposed to Creo rather than other modelling softwares. Since most modelling softwares are very similar, you can easily pick up Creo. Tool test consisted of questions from Sheet metal modelling, assembly, Detailed drawing and part modelling. After that a technical interview where they asked very basic questions from manufacturing and design. Finally HR round with typical HR questions. They expected in-depth answers for every question.

Some questions which were asked during interview:

1. What is Design?
2. What is GD &T?
3. Difference Between first angle and third angle projection.
4. What is prototyping?
5. Explain your project
6. Why KONE?
7. How do you see yourself in 5 years?
8. What is your aim in life?

ALL THE BEST GUYS. NEVER LOSE HOPE.

2014-15

Prepared by,
Ranjithkumar K
Placement Representative
9789253251

Companies included for Mechanical Engineering Department in their placement process 2014-15

- 1 ACC Limited, Thane
- 2 Accenture Services Pvt. Ltd., Bangalore
- 3 Air Watch Technologies India Pvt. Ltd., Bangalore
- 4 Ashok Leyland
- 5 AstraZeneca, Chennai
- 6 Avanti Fellows, Chennai
- 7 AVTEC LTD
- 8 BET MEDICAL LTD, Chennai
- 9 BRIDGEi2i Analytics Solutions
- 10 Caterpillar India Private Limited, Chennai
- 11 CEAT
- 12 Chain-Sys India Pvt. Ltd., Chennai
- 13 Citicorp Services India Limited, Chennai
- 14 Coffee Day Beverages, Chennai
- 15 Consolidated Contractors Company
- 16 CTS
- 17 Daimler India Commercial Vehicles Pvt. Ltd.
- 18 Directi, Mumbai
- 19 Fiat Chrysler Automobiles

20	FIAT India Automobiles Ltd., Pune
21	Ford India Private Limited
22	Fractal Analytics Pvt. Ltd., Mumbai
23	GoFrugal Technologies Private Limited
24	HILTI India Private Limited, New Delhi
25	Hindustan Unilever Limited
26	Hyundai Motor India Limited
27	IBM India Pvt. Ltd., Bangalore
28	iNautix Technologies
29	India Metamotion Software Private Limited, Chennai
30	Infosys
31	J.R.A Private Limited, Chennai
32	L&T ECC
33	Larsen & Toubro Limited, Mumbai
34	Latent View Analytics Pvt. Ltd., Chennai
35	Magna Closures Automotive P Ltd, Chennai
36	Mu Sigma Business Solutions Pvt. Ltd., Bangalore
37	Murugappa Group
38	Papers Worldwide Services Pvt. Ltd., Chennai
39	Rane Group, Chennai
40	Renault Nissan Technology

- | | |
|----|-------------------------------------------|
| 41 | Saint Gobain Glass India |
| 42 | Sanmar Group |
| 43 | Servo Hydraulics Pvt. Ltd. |
| 44 | Sundaram -Clayton Limited, Chennai |
| 45 | Sundram Fasteners Limited, Chennai |
| 46 | Tata Consulting Engineers Limited, Mumbai |
| 47 | Tech Mahindra Ltd., Chennai |
| 48 | Technip India Limited |
| 49 | Textron India Pvt. Ltd., Bangalore |
| 50 | Thermax Limited, Pune |
| 51 | Titan Company Limited, Bangalore |
| 52 | Triad Software Pvt. Ltd., Chennai |
| 53 | Turbo Energy Private Limited |
| 54 | V A Tech Wabag Limited, Chennai |
| 55 | Valued Epistemics Pvt. Ltd. |
| 56 | Visual BI, Chennai |
| 57 | Voltas Limited, Mumbai |
| 58 | Whirlpool of India Limited |
| 59 | Works Applications Co. Ltd. |
| 60 | Zoho Corporation Private Limited, Chennai |

Contact Details of Placed Students 2014-15

S NO	Company Name	Name of student(s) got placed	Contact Number
1	L&T Mumbai	1.) Narayanan s	9944879683
		2.) Lekshmanan natarajan	9840840116
		3.) Adeline Crystal John	9445433145
		4.) Narayanan s	9488732179
		5.) Sriram r	9790263075
		6.) Thamara Selvam	7305506854
		7.) Vibin S	9444294797
		8.) Anush Selvam	9894281144
		9.) Avinash V Asokan	9789932267
2	MU SIGMA	9.) Shyam Sundar Subramaniam	9840156208
3	Whirlpool	10.) Santosh Winfred	9940046457
4	Triad Software	11.) Kathiresh	9790471029
		12.) Deeban Kumar	9894224542
5	Ford India	13.) Abinesh T R	9791449814
		14.) Vijayanand	9944947191
		15.) Hari Hara Sudhan	9940399711
		16.) Surya Narayanan	9791745464
		17.) Barath Arun	9500693131
		18.) Harish	9940537951
		19.) Rohit Khandelwal	9176535061
		20.) Akshay desai	9884559516
		21.) Santhosh Raja	8903632253
6	V A Tech Wabag	22.) Abisekha Akash	9500113296
		23.) Sanam Solanki	9791121223
7	Accenture	24.) Dinesh Kumar	9003996855
		25.) Logesh S	7639942847
		26.) Gunasekar T	8148818956
		27.) Muhil	7373189893
		28.) Jeevanandham	9688510059
		29.) Praveenkumar A M	9659513113
		30.) Selvaraj	8526724787
		31.) Mubarak	8508649205
		32.) Suresh Kumar	8695912626
		33.) Sarangarajan	9566110099
		34.) Sivaramasubramanian	9489453348
		35.) Tamilvanan	7708232888
		36.) Nagamanickam	9025597408
		37.) Shravan Prasanth	9884815757

8	CTS	38.) Chandan	7667720195
		39.) Siva Prakash	8903681960
		40.) Ram Kumar	9786362476
		41.) Muruga prabu	9486151020
		42.) Ragul	9442243386
		43.) Prasath R	9788069346
		44.) Prahatees	9940117419
		45.) Mani Raj	9790557913
		46.) Bala Krishnan	9976320764
		47.) Ganesh Katta	7845763251
		48.) Vinod Kanna	9994293472
		49.) Durga Devi	8012672080
		50.) Samuel Prasanna Kumar	9677060634
9	Infosys	51.) Sugumar	9790669562
		52.) Elavarasan	9952377915
		53.) Nilavazhagan	9842045321
		54.) Shiv Ganesh	9489760507
		55.) Mathan Kumar	9500344639
10	IBM	56.) Sudhakaran	7418533247
		57.) Janarthanan	9047755652
		58.) Michael	8056318741
		59.) Ujval Reddy	9940441440
		60.) Avinash	9600303638
		61.) Logeshwaran S	9789800294
11	TCE	62.) Irfan Ashkar	8754327780
		63.) Ilangovan	8754935089
		64.) Naveen krishna	9551317167
		65.) Sathish	7299754410
12	Visual BI	66.) Vinush Kumar	8489202992
13	Murugappa Groups (CUMI)	67.) Srinath Venkatasamy	9894741315
		68.) Hussain	8056138027
		69.) Moti Vinayak	9551131093
		70.) Vishnu Kanna	7598182630
14	iNautix	71.) Mahesh Kumar	9677235075
		72.) Kumarappan	9566206294
15	Thermax	73.) Sakthivel	9789818540
16	Rane	74.) Ranjith Kumar	9789253251
		75.) Arun Kumar E	9500256192
17	AVTEC	76.) Siddharth	9445687805
		77.) Vignesh kumar	9566028146

		78.) Veerappan	8344233474
18	Tech Mahindra	79.) Muralee	9629625901
19	AirWatch	79.) Arun Y	9865903682
		80.) Venkatesan P	7598849750
20	Voltas	81.) Mohamed Imthiyas	9894586200
		82.) Abdul riyaz	9043959379
		83.) Vinodh Kumar P D	9444970679
21	Titan	85.) Mohammed Jaheer	9677268279
22	Papers Worldwide	86.) Anbarasu	8220900166
		87.) Kaviarasu	7401132822
		88.) Morison	8056356955
		89.) Gopi	
		90.) Kiran Kumar	9786092126
		91.) Karthik	9789299497
23	Bet Medicals`	92.) Venkatesh Prasath	9715784072
24	Chainsys	93.) Vijayaraj	9500175673
		94.) Seenivasan	9790168860
25	Technip	95.) Prasanna	8754365493
26	CEAT	96.) Druva Lakshmanan	9789086644
27	Astra Zeneca	97.) Nitin Krishna	8124157336
28	India Metamotion	98.) N. S. Pradeep	9842736668
29	Renault Nissan	99.) Bharatwaj Acharya	9566202903
		100.) Pradeep Kumar	9566233071
		101.) Satvik	8754584435
30	Mando Automotive	102.) Varun Karthikeyan	8056113112
		103.) Sathesan Govindaraj	8056382435
31	Hyundai	104.) Saravanan T	8754118971
		105.) Abinesh A	9566053975
32	Servo Hydraulics	106.) Karthik A	9841336702
33	Coffee Day Beverages	107.) Danish Rabbani	9585444786
34	Turbo Energy	108.) Magesh Kumar	7667992374
35	BPCL	109.) Deepak Verma	7200687281
		110.) Kiran Kumar Reddy	7401083574



1

Name: Adeline Crystal John

Roll No: 2011111004

Batch: 'AB'

Contact Number: 94454533145

E-mail ID: adelinec3@gmail.com

Job Portfolio: GET (Graduate Engineering Training)

Salary: 4, 87,000 PA (29,000 PM in addition to accommodation charges)

Bond Details: 2 years with 2 Lakhs

Eligibility Criteria: 7.5 CGPA, no history of and current arrears.

Date: 7 & 8 September, 2014

Selection Process: Eligible students were made to go through a Written, GD and Interview.

Students Placed: Narayanan S (AB), Narayanan S (CD), Anush S., Thamarai Selvan, Vibin S, Lekshmanan N., Sriram, Adeline Crystal John.

Written Exam:

The written exam consisted of two parts

▮ A Technical Exam – 44 Questions for 30 minutes

The technical exam was a simplistic one – with basic questions from Engineering Mechanics, Thermodynamics, Manufacturing Processes and other basics. The questions were MCQ – which were easy to solve in the given time slot. There was a quite an emphasis on Manufacturing Questions

– With material properties and machining processes. If you are well-versed With basic Engineering – this isn't that tough a paper. Topics to focus on Would definitely be Mechanics and Manufacturing?

▮ An Aptitude Exam – 75 Questions for 60 minutes

This exam was of 3 sections – Verbal, Non-Verbal and Aptitude. All were basic questions in English pertaining to tenses, synonyms and relationship questions. Aptitude questions were also relatively basic as well. A key factor to keep in mind with the Aptitude exam would be the time. The

Aptitude section was strategically placed at the end, and if you aren't quick enough – you won't be able to have sufficient time to do it.

One of the ways to excel in this exam would be to be strong in one of the three sections. (Non-Verbal wasn't that great anyway). If you can finish one of the sections easily – you'll have enough time to solve the other confidently.

Short listing:

107 students from Mechanical Engineering attended both the Written Exams and 48 were shortlisted out of them, into 9 groups (along with students from EE Engineering. No further short listing till after the interview.

Group Discussion:

Panels of 8 members (both with and without students from EE Engineering) were made to discuss common topics, with 2 panel members viewing the discussion. The topics given to my group was 'Changes that can be brought about to improve the education system.' We were given slips of paper and 2 minutes to come up with points to bring up in the discussion. Ours being one of the last panel

– We weren't given much time to discuss and were asked to conclude the discussion rather quickly. A few points to bring up to perform well in this part would be.

▮ If possible, begin the discussion, without being openly ambitious. Be casual and don't be self-conscious about the presence of the reviewing panel.

▮ Bring up unique points. A common topic such as 'Changes that can be brought about to improve education systems' is bound to bring up a lot of common ideas. Bring up an idea that isn't normally associated with these topics.

▮ **don't** argue. This isn't a debate. The aim is to reach a conclusion – not decide who wins.

▮ don't hog talking time. A common misconception is by talking on and on about a particular point – you impress the panel, a gross error. Once a point is discussed and decided on, move on.

▮ **when** asked to conclude, try to do so by summarizing the various points you just discussed.

▮ Try to be reactive in the discussion. Don't be too intent on bringing up your own point. Come up with statements that can weaken another person's views.

As casual as the group discussion may seem, it does form an important part of the selection process, companies aren't holding group discussions for the sake of it. They would like to hire candidates who are confident enough to bring up their own points of view in a group, and not be run-of-the-mill at the same time.

Technical Interview:

A blessing or a curse I'm not sure – but L&T doesn't conduct HR interviews individually. The technical interview was a rigorous 30 minutes conducted the next day – with roughly 5 minutes for personal talk and 25 minutes for technical questions.

My experience:

My interview was rather a nervous experience, for I hadn't prepared on technical topics at all. I had been under the assumption that as I was on one of the last panels for group discussion the previous day, I would be the last for the interviews as well. Thinking I had time to at least glance through all the basics for an hour – I hadn't prepared at all. (I didn't have much time on the night before the interview as I was busy correcting and printing out my resume the last night and getting all my certificates in order.) I remember getting out my phone at roughly 8:50 in the morning, to start revising and I started to look up the difference between Biot and Nusselt numbers. Out of no-where, my name was called and I just thought they were calling me to point out some mistake in the form I had filled up. The personnel from the placement panel led me to a room and said – 'When he calls you – go in.' I was

terrified. It just hit me that I was going to be interviewed. Fumbling at the last minute, I got out my folder and I recall trembling as I signed my name for the resume. Patting down my hair, making sure my dress was all in order; I cleared out my mind, trying to calm my nerves and the trembling. After 5 minutes of trembling outside, I was called in.

The interview was one on one – and my interviewer happened to be the official who was in-charge of the recruitment process (A mechanical engineer as well). He asked me to leave my bag by the door, and I calmed myself for the handshake – after which I started trembling again. (I am sure it was obvious to the interviewer as well – for a minute at least.) As the interview progressed, I became a bit more relaxed – my mind more on the questions he was asking me over the sheer nervousness.

One ironic part of my interview was where he asked me to keep my folder aside, and didn't take note of it at all. (All the resume printing was the previous night wasn't required, sadly). We were asked to fill up a form which they had provided – which included all GPA's, trainings attended, subjects of interest, interested fields, so forth.

The interview started off with the basics, tell me your name, interests, why aren't you pursuing higher studies so forth. After answering those – it jumped right into the technical.

The first thing he noticed was the trainings I had undergone, and he started questioning me on those. Thankfully they were trainings I had undergone a few months back and I remembered quite a bit of it. My interviewer was quite a friendly guy – though he seemed quite intimidating.

The first training he asked me about was a 1 week training I had undergone at Loco Works, Perambur. After asking me what the training covered, he asked me to draw a Loco. I was taken aback hearing that, not being a very good drawer, I drew a rudimentary sketch of the bogey chassis and axle. He questioned me on the structure of power flow, from the engine to the wheels, and kept me urging me to give a complete in depth answer over a superficial one. For example – for the power transmission – I at first replied the power is transmitted from the engine to the wheels via cables. He urged me to think again on the various machinery in between the two – and I replied it is connected via an alternator and a rectifier unit.

He then jumped to the next training – a one week training at Chennai Port Trust, on the various port machinery. He asked why container ships containers walls are corrugated. I was stumped at that question – and decided guessing would be best. I said that the walls are corrugated to contain more material for the same area, (a close answer). He kept urging me to state the engineering term for the same, and I came up with about ten guesses for that, all of which were wrong.

He then moved on to the next training – a one week workshop on Advanced Automotive Systems, and I was asked about CRDI systems, BS III essential equipment and so forth – all of which I managed to answer right.

The interviewer then moved on to subjects I had listed as interests and by some force of error – I listed Gas Dynamics as one of my interests. He asked me to draw a jet engine, and I promptly forgot the whole of what I studied in the subject. Grasping at straws, I drew a rocket propellant instead, and he thinking I had misunderstood the question, asked me again. Suddenly remembering something, I quickly drew a turbo-jet engine, and explained it.

He ended the technical session by asked me to explain a bit on new and renewable energy sources, another subject I had listed as an interest.

Other questions which he asked me where whether I was comfortable working outside Chennai – which I replied that I had no problems to that. He asked me if I had any queries and I finished that I had none.

There ended my 30 minutes of torment.

Tips:

- ▮ Give it an educated guess: If you can't answer a question with 100% confidence, give it a try with an answer you know could possibly be the answer.
- ▮ Be strong in subjects you've listed as interests (Unlike me.)
- ▮ Recollect on all the trainings you have previously attended. (If any.)
- ▮ Brush up on basics of subjects which are related to the job you wish to be recruited for.
- ▮ Don't assume the interviewer will be so kind to ask solely from topics you've listed as interests. Be prepared in other subjects as well, esp. if they are related to the job.
- ▮ Give it your best.

I do hope this helps you in your future interviews, don't make the mistakes I did, All the best and God Bless. ▮

2

Name: NARAYANAN S
Roll No: 2011111044
Batch: 'AB'
Contact No: 9944879683
E-mail ID: snarayanan27@gmail.com

Written Exam:

As usual we have one hour of PPT (Pre-Placement Talk). The first phase of the placement selection process was written exam which consists of two papers: first paper being the technical one which consists of about 44 multiple choice questions. 30 minutes were allocated. Note that all the questions were asked based on the **engineering facts and concepts we study and no questions were asked from the type of problem solving**. So, just concentrate on reading your subject concepts. You can't read all the subjects from first semester. So, please do **attend the classes and listen to lectures carefully**. If you do that perfectly, it is easy to crack technical exam session folks.

Second paper was the general one which consists of about 75 multiple choice questions from English knowledge, Logical reasoning and Aptitude problem solving - 25 from each section. 60 minutes were allotted. If you are a Tamil medium student in higher secondary, you have to work little harder than others. Otherwise it will be bit easy. Synonyms, antonyms, preposition filling, comprehension are the parts from which questions were asked. Answering logical reasoning questions needs more **perception skills and concentration**. A little practice is enough for this section, but practice is necessary. You have to **concentrate more on the aptitude section** than the other parts mentioned above. Quantitative Aptitude by R.S.Agarwal is enough to crack this. Don't think that technical knowledge is enough to crack the first phase. **Aptitude is equally important as it tests your mind's ability to think on easy and different ways which is very must important to enter an organization.**

Group Discussion:

Out of 107 students from mechanical engineering, 48 got shortlisted in the written exam. The same day afternoon we have Group Discussion. We were already informed that no student will be shortlisted from GD. We were divided into groups consisting of 8

members. Our topic was 'Changes that have to be made in education system' and we were instructed not to introduce ourselves to others and directly start speaking our points. We were also instructed not to conclude the GD. As the time clicks to 20 minutes, they asked us to stop speaking.

Have in mind that you need not be too smart to crack GD. You should not dominate the GD. You should make some 3 or 4 strong points which should have a great impact on your GD. Don't worry if others dominate the GD. You should try to speak till the end though others didn't allow you. Though you didn't speak, your continuous trying will bring you some points. (This happens to me and I spoke only 3 valid but strong points) Don't copy the points from others. Make your own points and it must be very valid, strong and related to the GD. Note that English is needed just for communication. Others should understand your views and you should understand others speech. They will not look into your English knowledge in this session. They will check whether you can merely communicate with your group. But it is necessary to have some mock GD among your friends to drive out the fear in you. Don't ignore it.

Interview:

As I already said that there will be no elimination from GD, all 48 got selected for the next session which is face-to-face interview process on the next day. The Interview was purely based on your technical understanding and no HR questions were asked. The interview is about 30 minutes. Though I prepared well about self-introduction, he just said me to stop with my schooling and family members. Then he started to ask me about my in-plant training, courses undergone and asked me about what I have learned in there. Then I have been asked technical questions only from my areas of interest (Hydraulics & Pneumatics, Heat Transfer, and Mechatronics). It lasts for about 25 minutes and finally he asked my opinion to work anywhere in India for which we should reply only positively.

Note that L&T only didn't have HR interview while all other companies would have. So, prepare well to tackle the common HR questions. Luck plays a major role in this phase as my interviewer asked questions only from my areas of interest while remaining interview panel members asked randomly. (This is called LUCK). But don't lose hope in it because it is a great achievement to reach interview. Please say explicitly that if you don't know the answer and don't blubber anything not related to the question. At the same time, if you know something then doesn't hesitate to express it. One important thing to be remembered during interview is that please don't spit out any words or technical terms which you can't define to them. Have in mind that he will shoot you the next question based on your answer for the current question. This happens for me exactly.

Interview questions for me:

- ‖ He drew the schematic diagram of hydraulic jack and asked me explain what is it?
- ‖ How it works and on what basis and formula for force that needs to be applied to lift a load?
- ‖ Tell anyone application of hydraulics in automobiles?
- ‖ Explain Hydraulic brakes *(As it was my answer to previous question)*
- ‖ Explain conduction, convection and radiation and tell examples for them.
- ‖ Explain the examples.
- ‖ Explain any one experiment what we have done in our Thermal Lab-II in Heat Transfer field.
- ‖ What happens when there is air gap between two closed surfaces at different temperatures *(As I answered composite slab experiment to previous experiment where I mentioned there should be no air gap between surfaces)*
- ‖ What is the application of that particular arrangement?
- ‖ Explain any one means of measuring temperature. *(As I spoke about temperature difference measurement while I explaining the composite slab experiment)*
- ‖ What is sensor?
- ‖ What are the quantities that can be measured by sensor?
- ‖ Explain any one sensor.
- ‖ What is the difference between sensor and transducer? *(As I spit out the word 'transducer' during my answer to previous question)*

Don't lose hope friends. It doesn't mean that you are not good if you didn't get selected. That day may not be yours. **Surely there will be one day when you shine. Wait for the opportunity.**

Prepare well on aptitude questions and your areas of interest.

ALL THE BEST FRIENDS AND JUNIORS.

3

Name : Vibin.S

Roll No : 2011111078

Batch : AB

Contact No: 9444294797

E-mail ID : vibins93@gmail.com

First of all....Extremely sorry for being late and a BIG THANKS to everyone who loves me and also who hates (I wish I don't have many) me because without you I am nothing!

My preparations for L n T started once I knew that L n T will be the first company for our department. I had a thorough study of the company, their projects, etc. You believe it or not, I didn't sleep well for a week prior to my interview, not that I was learning but my heart was ticking like never before. As everyone knows, I am not that technically strong. My CGPA is 8.47 (Thank GOD I managed this), to be frank it is not because of knowledge but purely luck and a bit of effort I put in. Most importantly everyone's blessings.

Written Test:

Like any other company, L n T too had written test as its first round. It includes around 45 technical questions and 60 other questions which include verbal, logical and aptitude. Seniors too got the same question paper and it made things easier for me. Special care should be taken so that you attend questions equally from each category in case you are running out of time as each category carries cut-off marks. Around 100 students attended the test and 45 got shortlisted for next round.

GROUP DISCUSSION:

Our GD topic was "Working women, a boon or bane in India. "Again I don't know how many agree with me, 'It won't be wrong if I say that our PM Modi got me this job'. Politics apart please....!!!Because his Independence Day speech and Teacher's day speech made things easier for me and they got impressed with my points (hope so). I started with Kalpana Chawla and proceeded with the latest security issues, etc.

I request everyone to be updated with the current affairs and connect it with your GD topics. Please do make up the habit of reading newspapers daily (not in the class room). Make sure you speak out your views confidently and clearly. Don't be scared of any one. Try to make maximum valuable points you can in a fair manner so that you don't suppress others. Try to make GD lively, interesting and most importantly interactive.

INTERVIEW:

There was no elimination for GD, so all the 45 students were interviewed. At first I was told to introduce myself. Meanwhile, the interviewer (who had 30 years of experience in L n T) was going through the resume which we were asked to fill separately. He noticed that my father is an agriculturalist and asked "As a Mechanical Engineer, what did U apply in your fields?" I gave a negative answer (be honest) as I didn't do anything even when he repeated the question but I told that I do manage the accounts and management, etc. Then he asked me how tea leaf is converted into tea powder on which I was wondered. Though I could manage with my little knowledge he asked for technical terms for every processes and I had to say "Don't know" (don't try to blabber).

Then I was asked to explain about the In plant training at Ashok Leyland, Areas of interest(Thermal Engineering and IC Engines) and our project(Pneumatic cycles),etc. Somehow I was able to make up things. But to be frank I was not satisfied with my performance in the interview. The result came the day after and I had little hope.

From my heart, **'With everyone's blessings my name was there in the final list of 8 which includes the biggies of our department(Not me)and once again I thank everyone...Thanks a lot>>>Want your blessings throughout my career!!!'**

Take special care for your dress and make sure you are comfortable with it. Be prepared to answer any question they ask in an impressive way and also be honest or else you will get screwed up. I repeat 'Any question' right from your child hood to your future, etc.

And finally to conclude...

My personal advice to my dear ones, **DON'T LOSE HOPE, WAIT FOR YOUR DAY AND WORK HARD FOR THAT MAGICAL DAY.**

HARD WORK + KNOWLEDGE + FORTUNE = SUCCESS



Experience : Santosh. W

Company's Name: Whirlpool India - Pondicherry.

Job Portfolio: GET (Graduate Engineer Trainee)

Salary: Rs. 5, 00,000/- per annum (not sure).

Selection Process: Written (Technical), GD, Interview.

Bond Details: No BOND

Eligibility Criteria: 7-8 gap, no current arrears, no criteria for women

Date: September 12th, 2014

Students placed & Contact:

Santosh. W. - 9940046457, winfredsantosh@gmail.com

WRITTEN TEST: The written test consisted of 40 MCQ questions, majorly from design subjects. Other subjects included were HMT and basic mechanics. Preparation using basic standard GATE books will prove to be more than sufficient. There is a general tendency of lifting questions from GATE papers. Separate preparation for written is not mandatory if you have paid attention in class. The syllabus is more than sufficient to clear the written and selection is through relative grading. This is the vital part of the selection procedure. Around 30/60 students were short listed

GROUP DISCUSSION: We were asked to decide on a topic, yet we were given enough time to come to a conclusion. The panel expected us to speak for 6 minutes, 2 minutes preparation, and 1 minute conclusion. Our topic was 'BRAIN DRAIN' and they did give us extra time since they were interested in the topic. 3 members from my group were short listed. They look for valid point and not fluency. Impressing the panel in this round, will play a key part in the final interview

INTERVIEW: The Interview was for 50 minutes, it consisted of HR and technical panel. Total of 4 members were there. They look for your presence of mind and the questions were based on my resume. The only technical question was: explain the different fits and tolerances. The panel looked for designing capabilities. Several questions such as, what factors are to be considered before designing a washing machine? What feature would you like in your washing machine? How can u implement and better your washing machine? The main focus was on presence of mind and innovation. You will land in a job if you can innovate on the spot. Even without prior design knowledge you will succeed. Do not be tensed and always answer to the point. Due to several bitter experiences in the past, they want candidates who will stay with them at least for a period of 5 years.

Key Points:

- Compared to other panels from other companies, whirlpool was friendly and outgoing.
- Do not sleep in the ppt, I asked several questions as to why they did not have an air conditioning plant in India? Is it CKD since its imported from China. Always ask relevant questions.
- Avoid politics and never shift blame onto your teachers.
- Establish a fact saying you have a rapport with technicians even though they are not very qualified - academically.
- Do not be lethargic.
- Never lie on your resume.
- Even the body posture matters in a G.D and interview.
- Answer additionally, explain a little more than what's asked.
- Accept if you don't know an answer, they will definitely help.
- It is advisable to read about the company and gather details of the latest technologies.

I did not do any of the above; if I had my selection would have been a lot easier. I wasn't prepared for the written, but the questions were basic engineering and even in the interview, be clear of your area of interest. From an industry aspect they expect you to be flexible. Internships and extra-curricular definitely add value to your resume. These helped me and be bold, loud and clear. It is always about the content and not the fluency.

They selected me from mechanical engineering and another student from MIT. The entire rat race is for a single available position, so be competent and confident.



NAME	DEEBANKUMAR R
COMPANY'S NAME	TRIAD SOFTWARE PRIVATE LIMITED JOB
SPECIFICATION	SOFTWARE ENGINEER TRAINEE SALARY
	3.75 lpa
SELECTION PROCESS	WRITTEN TEST, HR INTERVIEW AND
	TECHNICAL INTERVIEW.
BOND DETAILS	3 YEARS
ELIGIBILITY CRITERIA	TOP 30 FROM OUR DEPARTMENT DATE
	24/09/2014
STUDENT'S PLACED	DEEBANKUMAR R KATHIRESH D
CONTACT NUMBER	9894224542, 9952886644.

ONLINE TEST

They conducted the written for about 50 min which contains 40 questions. Once they finished they announced the results within half an hour. They asked questions mostly from the RS AGARWAL. For cracking the written you should need to practice at least two tests in www.indiabix.com and www.educationobserver.com. Out of these two, give the first preference to education observer. Attend some mock test in the online. Usually the written test comprises of three sections which includes verbal ability, logical reasoning and quantitative aptitude. For verbal, students those who are preparing for GRE feel

Easy to crack. But those who are Tamil medium and some others feel difficult. Mostly, they will ask the words which are not familiar to us, so try to practice it from the initial. This is not important because some of the companies may not even have this section. Next, logical reasoning this depends upon your capability to analyse the given questions. Next section is very important, quantitative aptitude. Almost all of us will solve this section, but the time concern is very important. Most of the students fail in this section. So be careful, don't take much time. It will come by practice only. So practice it from July onwards.

GROUP DISCUSSION

I didn't have better experience in Group Discussion. Because I attended only single GD in L&T which doesn't have any elimination. Be aware of the current affairs, they will give the topic mostly on the basis of the current affairs. What you want shares your views in the GD, share it with some examples and tell something nice about the company and the college. Students those who don't have fluency don't be afraid they will look for your boldness. Students those who feel feared form group among yourself and start practicing. If you are well aware of the topic, please try to start the GD or either conclude the GD, which contains some additional points. If you don't know please remain silent and collect information from the others views.

INTERVIEW

In the interview, follow the dress code and make sure that you have clean shave. Follow some interview signs, for example please knock the door and then go inside, put the chair in proper in position before you are going to sit. After the interview gets over replace the chair in initial position, this may impress them. They want the interview session to be very interactive, so be ready with questions that you want to ask. Before attending the interview kindly see the website of the company you are attending and prepare the questions regarding their company. And try to impress them with your question. They will ask questions mostly from your resume. Be aware of your Inplant training and internship program that you have mentioned in your resume. Project plays a major role; they will ask more questions regarding your project.

COMPANY'S THAT I HAVE GOT REJECTED:

- 1) L&T (FINAL INTERVIEW)
- 2) LATENT VIEWS (1ST ROUND)
- 3) MU SIGMA (1ST ROUND)
- 4) SUNDARAM CLAYTON (1ST ROUND)

So be hopeful, never lose your hope at any time or at any situation.

ALL THE BEST GUYS!!!!!!



1) ABINESH T R 2011111086 (Ph no: 9791449814)

L&T MUMBAI (Criteria 6.5 & above, only one history of arrear Bond: 2 years, CTC 4.87 lpa)



The written exam consists of both technical and aptitude questions. Normally they will repeat all the previous year questions. The Shortlisted candidates are called for the group discussion. No elimination on group discussion. GD Topic given to us: "Working women, a boon or bane in India". People stressed about the various women achievers like Kalpana Chawla. I made my point as "If women are working in a family, then there is no possible chance of moulding the character of the children". As there was no elimination on GD, I was selected for the Interview. I was almost the last person for the interview. The Interviewer seemed to be very tired. I greeted him and He asked me whether you are from kanyakumari. I explained about my native place. He asked about my IPT in SALEM STEEL PLANT. Then the Interview lasted for about half an hour. The questions asked for me,

- 1) What is the composition of Stainless steel? What is the need of adding Cr to stainless steel?
- 2) What is the composition of Brass?
- 3) What is the name of 70-30 Brass?
- 4) Where stainless steels are used?
- 5) Composition of Bronze?
- 6) Can you draw the transmission system of an automobile from the engine to the wheels?

7) Can you explain about differential? Types of differential?

8) Differential gear arrangement?

9) He asked me to explain about my project? Finally he asked whether you can work anywhere in India?

I answered almost all the questions. But I didn't do my GD well. Unfortunately I didn't get selected. Eight students from our Department got selected in L&T MUMBAI.

L&T ECC (CTC 5 lpa)



They shortlisted only the top 30 people from our dept and conducted the aptitude exam. There were 60 questions to be answered in 1 hour. Nearly 18 of them got shortlisted for the Interview, as there was no GD. I was the last person who attended the Interview. The Interview lasted for about 50 minutes. The Interview Questions asked for me as follows:

- 1) Can u briefly explain your profile?
- 2) Valve timing diagram of four stroke diesel engine?
- 3) Why Inlet valve is opened before TDC?
- 4) Name some Renewable energy resources?
- 5) How we make use of Geothermal Energy?
- 6) Why you prefer L&T ECC (As a Mechanical engineer, why u opt for Construction Company)
- 7) What is the study of motion of air in interaction with the solid objects? (Aerodynamics)
- 8) What is the difference between adiabatic and isothermal process in terms of internal energy and work? Whether enthalpy is constant in isothermal and adiabatic process?
- 9) Explain about Hydro energy? How power is generated in Hydropower plant?
- 10) Whether you visited any hydroelectric power plant? (I said I visited Kodaiyar hydropower plant)
- 11) Why hydro energy is said to be a renewable energy?
- 12) What is the installed capacity of kodaiyar hydropower plant?
- 13) He asked some of the GK questions. Who wrote the book "Revolution 2020"?
- 14) Which team won the ICC world cup by defending four world champions in a row?
Ans: India (2011) defeated West Indies, Australia, Pakistan, srilanka
- 15) What is the largest state in India (area wise as well as population wise)
- 16) Whether you want to ask any questions? (I asked about Tunnel boring work in Chennai Metro rail)

The Interviewer was very friendly. He was already aware of my native place. I asked him where he studied and where he was from. I had a strong level of confidence when I was leaving the panel. Both L&T Mumbai and L&T ECC had panels consisted of only one H.R.

TVS SUNDARAM CLAYTON (criteria: 7 & above, No history of arrears, CTC 4.5lpa)

The logo for Sundaram - Clayton Limited features the company name in a white, serif font, centered within a solid dark blue rectangular background.

The Technical Exam consists of 100 questions. They took most of the questions from “**KHURMI & GUPTA MECH ENGG OBJECTIVE QNS**”. They shortlisted the students for aptitude exam. I didn't get through the technical exam.

The aptitude exam consists of seven sections. (Rapid fire rounds). Then they shortlisted nearly eight students from our dept for the Technical Interview. No one from our dept got placed in TVS Sundaram Clayton.

Triad Software (Criteria: Top 30 Students from our dept Bond :

3 years CTC 3.7 lpa (good annual increment))



Triad Software provides solutions to CAM, CAD software developers. They need people with basic software knowledge (C & C++) and basic mathematical Skills (mainly Analytical Geometry, Trigonometry, Coordinate Geometry, Basic theorems, Cross Product Dot Product, Formulae). The Aptitude Exam consists of 40 questions (Quantitative aptitude & Logical reasoning) to be answered in 50 minutes. The qns were very easy (from R.S.AGARWAL)

But the time management is very important. I didn't get through the aptitude round. They shortlisted nearly ten students for the Technical & HR Interview. They asked about C programming and basic mathematics. Only two from our dept got placed.

DEEPAN KUMAR

KATHIRESH

Bridge i2i Analytics (criteria 7.5 & above, CTC 4 lpa)



The written exam has 30 questions. Out of them 15 questions are from QUANTITATIVE APTITUDE and the remaining from computer programming stuffs like SQL, JAVA, C++, and DBMS .I didn't get through the written exam.

FORD MOTORS



Students Placed in Mechanical:

- | Akshay Desai
- | Rohit Khandelwal
- | Harish G
- | Barath Arun R K
- | Surya Narayanan
- | Hari HaraSudhan
- | Santhosh Raja
- | Vijay Anand R
- | Abinesh T R

Nature of Job: Graduate Engineer Trainee (FCG 2015) Eligibility Criteria:

6.0 & above, No current arrear

Departments called for recruitment process:

AU, ME, EE, EC, CS, IT, MN, PRODUCTION



> Campus Recruitment

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- Information Technology
- Purchasing

Campus Assessment Process

Aptitude Test → Group discussion / Case study → Technical interviews
→ Behavioral interviews

Locations : Chennai, Gurgaon and Sanand

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Go Further

Written exam:

The written exam comprises of three sections (50 questions).aptitude (20 questions),verbal reasoning (10) and functional domain (mechanical -10).Verbal and aptitude sections are easy and functional domain consists of questions which tests our basic subject knowledge. The questions were from +1, +2 physics, Engineering Mechanics, Cross product, Dot productise engines, welding Some of the questions are as follows:

- 1) What is the use of flux?
- 2) What is the voltage range required for spark plug?
- 3) What will happen if petrol is used for diesel engine?
- 4) What will happen to the boiling point and melting point of water if the pressure is well below the atmospheric pressure?
- 5) Compressor used in domestic refrigerator?
- 6) Moment of inertia for an H section (dimensions given) about the Centroidal axis?
- 7) The force exerted by the magnetic field with unit charge in unit distance
- 8) The specific resistance is directly proportional to theAnd inversely proportional to the

Sorry that's all I remember

I agree with the statement that basic knowledge about all the technical concepts is must. But also you should know where you are applying it in industry or even in real life situations.

Have a glance over all the topics in ***KHURMI AND GUPTA MECHANICAL ENGG*** or Some other book which includes all the important technical concepts to be covered.

Group Discussion:

There were EIGHT members in our group. Three from mechanical, two from automobile, two from electrical, one from production. The PANEL suggested us two topics for the GD.

Passion or Money

Advertisements are all not that glitters

They gave us 30 seconds to decide between the topics. After exactly 30 seconds, one of our group members started the GD by just voting for the topic priority.Eventually, all started voting. So finally we decided to discuss on the topic "Passion or Money ".They gave us 2 minutes to think about the topic. I initiated the GD and made some strong and valid points. Our GD lasts for about fifteen minutes. Finally we were given a chance individually to express our opinions about the topic. It was a good team work and all the Members in our Group got selected for the next round |

If you get a chance to initiate the GD, just ask "Shall I start?" and go further. It Shows your predominant level of confidence.

Make some good and valid real life examples, facts, quotes, statements about the topic .Our group guys gave a good example when speaking about people who are passionate about their

work .They had made good points with the life of our PM MODI (tea seller to the strongest position in the country).

| If you fail to make a good point in your group discussion, just note down all the points from your team members and try to conclude adding that “ The Group discussion is very interactive and permits me to collectively brainstorm more ideas which I didn’t even aware of “.

| speak boldly and make your points short and crispy. Make full use of the time Which was given to think about the topic for GD.?

| Maintain the proper body posture and eye contact while you are in the GD or Interview panel.

| be aware of Current Affairs and somehow relate current affairs to the GD topic.

| Practice Mock GD With the frequently asked GD Topics like

○ Indian Educational System

○ Women Safety

○ Corruption

○ Current affairs like MOM mission,

Make in India campaign (points to be noted: GDP growth, fiscal deposit, India – A global manufacturing hub) etc

○ Social Networking

○ India – still a developing country

○ Foreign Direct Investment in India (relate this topic with PM’s Make in India Campaign)

○ Is Management Education required for success in Business?

○ Team Work (Don’t forget to mention about our ISRO scientist’s Team work in the MOM mission)

| Facilitate contribution from others. Don’t just go on only with your opinion. Remember it is a group discussion. Allow others to speak. If someone didn’t even speak anything in the discussion, give him a chance to convey his views.

| always keep nodding while someone is speaking .It shows that you are active and you are more receptive.

Technical Interview:

Due to some political reasons, we were called for the interview in Ford office,perungudi. Like the previous cases, I was almost last for the interview. This time, I haven’t lost my confidence and entered the panel. There were two members in my panel .Initially they asked for my resume .They had gone through my resume for more than ten minutes. The Interview lasted for about 25 minutes. The questions asked to me are as follows:

△ **Introduce yourself?**

△ **Asked me to explain about Kanyakumari ?**(as I said I am from kanyakumari district)

- △ What are your hobbies ?
- △ What is the basic difference between the jet engine and a normal IC engine ? (I explained based on the power cycles they are working upon)
- △ How a mechanic will identify a jet engine?
- △ What are the machining operations you have done in your workshop lab ?
- △ Can you give any one of the Lathe Manufacturing Company's Name?
- △ Give me some main parts of Lathe?
- △ what is the use of COMPOUND REST?
- △ What are the types of chuck used in lathe?
- △ What is the use of four way jaw chuck?
- △ How will you do Eccentric turning in lathe?
- △ Can you give some G and M codes in CNC?
- △ Can you draw a drill bit diagram and its nomenclature ?
- △ Whether a drill bit has cutting edge on both sides?
- △ They asked about my project in ASHOK LEYLAND and about my academic project?
- △ Differentiate Jigs & Fixtures ?
- △ They asked me to design a types of Fixture ?
- △ They asked me whether you want to work in Ford IT sector ?

△ They asked me whether I have any questions for them ? (I asked about Ford Eco boost engine and the secret behind the successful design of the engine) I answered almost all the questions correctly. They were almost convinced with my performance. Actually my areas of interest were Gas dynamics & jet propulsion and IC engines. But they asked most of the questions from Manufacturing Sector. So it doesn't mean that they should ask questions only from our areas of interest.

¶ My kind request for all is to have a glance over all the Laboratory experiments, we have done so far.

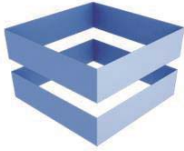
¶ Be very strong in your areas of interest.

Do well and believe in the ALMIGHTY GOD .keep calm and wait for your day.

ALL THE BEST :)

2) BHARATH ARUN

1.) LATENT VIEW ANALYTICS



latentview

Actionable Insights • Accurate Decisions

Online Test:

The online test included aptitude and verbal. The verbal was moderate and it included synonyms, reorder, antonyms, etc. The Aptitude was a bit tough not in terms of the questions but by the total time. Frequent tests would easily get you through this. Since it was my very first attempt I felt it a bit challenging and also the competition was very high. Nearly 800 students took the test. They shortlisted around 50 students for the next round out of which I was unfortunate.

2.) MU SIGMA



Mu Sigma

DO THE MATH

Online Test:

The online test here consisted of 15 questions given a time of 20 minutes roughly to solve it. It included aptitude, charts and graphs. It was pretty easy as compared to Latent View Analytics . Only important thing to be noted here was the time. I was lucky enough to go to the next round.

Pseudo Code :

This round included two parts. The first was a simple c program also known as Pseudo code and we had to find the output of the program. The second part was to give our thoughts on what data we would need and how it could be useful, given a real life problem. It was simple and all based on individual's approach to the problem. And again I was unfortunate this time too.

3.) BRIDGE i2i ANALYTICS



Online Test:

The online test included 30 questions out of which 15 were aptitude and the remaining 15 was a complete waste of time. These 15 questions were from SQL, DBMS, FMS, Programming, etc which obviously I had no knowledge about. I knew my result soon after the test itself.

4.) FORD INDIA PRIVATE LIMITED



Online Test:

The online test included three sections. The first was aptitude and the second was verbal and logical reasoning and the third was technical.

The Aptitude was quite easy and I solved nearly all of the 20 questions. The logical reasoning and the English was also pretty easy in which I did well too. It was mainly of sentence correction and synonyms. The technical was very basic but I did fairly well in this part. I answered nearly 10 to 12 out of the 20 questions. God only knows how they shortlist people for the next round because different companies have different criteria and luck play a very favourable part.

Group Discussion:

The group in which I was categorized had 6 guys and the topics we were given were 1.) Passion or Money 2.) Do Advertisements really sell what they show? 3.) Must politicians have a retirement age?

All of us agreed to go with the first topic as it was easy and contained a lot of points that we could discuss about. They gave us 2 minutes to get ready. And when they signalled us to start, I didn't want to start so I kept quiet and watched. One of my friends started and I was the third person to speak in the group. I shared my experience of the Exchange Programme as it was quite related to the topic. I spoke thrice exactly and every time I made sure I gave a strong and a valid point. I did not conclude either. Finally, after the conclusion, when they asked for an alternate conclusion, then I suggested a point. The discussion went on for about 20 minutes exactly.

TIPS:

- 1.) Please don't look at the HR while in a group discussion. It is not them that you are discussing with.
- 2.) Pay attention to other members while they speak and do not write or note down anything during that time.
- 3.) Do not be too conscious of the time. Speak confidently expressing your points clearly but keep it short.
- 4.) When someone interferes during your turn, do not speak against him as it will give them the impression of dominance. Let him finish and then express your points.
- 5.) Fluency of communication is a very notable thing. Practise as much as you can.
- 6.) When the topic is deviating a lot, try to bring it back to the original topic.

Interview:

My interview started a bit differently wherein I was seated inside the room for about 20 minutes before the HR's knocked in and came inside. It was the other way round since they went for lunch and came late. The panel included one lady and one male. So I had a problem there while greeting them. I had to use Good Afternoon Sir, Madam every time. But in the course of the interview I stuck to either one based on who was asking me the question.

The first question they asked was "How was your lunch and did you like it?" I said "Yes, it was very good ". Then they said "Give us 15 minutes to go through your Resume ". Both of them read my Resume very carefully. And then the actual shootout started.

They asked me to give a brief summary of myself and my Resume. I started by saying about my education where i studied. I told them that I had spent nearly three fourth of my life in a boarding school. Then I told them about my parents and their profession. After this I gave a short intro about my internships and all my achievements and everything that was put in my resume.

After I completed that, they again asked me in detail about my internship and exchange programme. I started all over again and explained them everything. Then they asked me a question in FEA. Frankly, I don't remember the question and also I didn't understand the question even a little when they asked. I was sitting there and blinking for a minute. My reactions made them to ask if "Have you studied FEA?" I said yes. Then they asked "Which semester and was it a core subject or elective?". I said "It was there in my previous semester and it was a core subject only ". And before they could ask anything else I told them openly that I went for an exchange programme in my fifth semester and joined college around one month late and also due to elections the semester was preponed and all Saturdays were working days. I completed just for the sake of completing this subject. I got only D grade and I don't know anything in this subject. Both of them smiled and said "Okay. We won't ask you anything in this. Don't worry" Then they asked my area of interest. I told them it was Production and Marketing. Then they asked why Production. I told them that more than the design I am interested in making proper use of the resources and completing a product build faster and bringing it out more quickly to the market. Then they said if you are not interested in design what about your project? I said that two my other friends are doing the design part and myself and another person were taking care of procurement and fabrication. I somehow avoided any technical question that came my way because I was not prepared technically, not even a little.

Then they asked me “What is marketing? “. I told them that it is the way of reaching people and conveying your product to them. It depends on how well you can satisfy and convince them that this product is the best in the market. Then they gave me a practical situation saying that “A company is producing a product that is very harmful to the society and you are requested to market it as an employee. Will you market it? “I said that I will market it because it is my profession and my duty as an employee and I can’t deny the decision. Then they told me to rethink the same situation but as a Head of the Company. I said that I will not sell it and I will ban the product because now I have the power to do it.

After this they asked me to market myself. I started saying that I am good in teamwork, can tolerate a significant amount of stress, well in communication and problem solving. I can work for nearly 10 hours a day and can give my maximum best to the company if my job is something that I like. I will do whatever it takes to satisfy my employer’s expectations out of me and I can guarantee you a work period for three to four years.

Then they asked me questions like why do you think are the reasons a product does not have a good reach to the market, what can be done to overcome it, examples of good and bad marketing, etc and then questions from TQM like six-sigma, PDSA cycle and few others. I knew the concept of these so it was quite easy for me there.

After drilling me in marketing for about 10 to 15 minutes, both of them smiled and asked “ Do you know that we are recruiting for a design job and not for a marketing job ? “ And that was where I lost my confidence completely. I too smiled and said no. Then they asked some basic HR questions like can you travel, will you work nightshifts, etc for all of which my reply was Yes.

After all this they asked me to highlight any 5 recent incidents globally that has caught your attention. I explained the Asian games, ISIS problem, Jayalalitha’s arrest and Modi’s visit to US. Then they asked me to explain about team work and my experience in it. I took a football team as an example and I explained to them the necessary things, do’s and don’t’s. Then they were more interested in my exchange programme and how everything worked. I explained my entire experience in that.

Finally, they asked me if I have any questions to ask them. I asked them “ Where are your resource mines and plants located globally ? “ They said they have in many countries but a lot in the

US. And then I told them that you forgot to introduce yourselves “ Can I know your names ? “ They said “ Oh yes, we forgot “ and then they said their names and positions in the company. And one final request I asked them was “ Can I have a feedback of my performance so it will help me in my future interviews ? “ Both of them smiled and said “ Yes, Of course “ . Then I shook hands with them and left the

room.

So that was my first and last Interview.

TIPS:

- 1.) Be strong in whatever Area of Interest you put because they expect you to know those areas a little deeper than others.
- 2.) All they ask is about your projects and other experience. Be a bit thorough in those.
- 3.) Do not hesitate to answer Yes in any basic HR questions. And Of course you have to lie at least a little if you want the job.
- 4.) You can expect any sort of stress questions at any time. Do not panic. Just be calm and answer.

DO NOT WORRY GUYS, THERE ARE BETTER COMPANIES AWAITING. JUST BE PATIENT. YOUR TURN WILL COME SOON. AND SORRY FOR THE LATE POST.

ALL THE BEST!!!

3. Harish. Contact- 9940537951.

WRITTEN TEST:

The written test was an online test held in C.S department lab by 4.00 p.m. on 26th after an hour long PPT of the company. The written test had 3 sections: Verbal (10), General aptitude (20) and Functional domain (20). Altogether 50 questions and the time limit was one hour. Verbal and General aptitude were simple and if you have regular practice, you can ace it. But general aptitude questions were standard neither too hard nor too easy. Technical, the questions were from basic physics, chemistry and also few basic engineering questions that test your fundamentals. If you have understood the basics, technical shouldn't be a problem. Practice is the key. Keep practicing.

GROUP DISCUSSION:

Out of 590 people from 8 departments who took the written test, 81 got shortlisted for the second round. The GD and interview were supposed to be held on the next day. Due to political reasons, it got postponed to 30th in Ford's office at Perungudi. We were split up into groups of 8 people and we were given 2 topics and asked to choose one. Be clear in what you speak, wait for and grab the opportunity. Carry a pen and paper and note down the points that are being discussed. Initiating and summarising are the best things you can do in a GD. Fluency is not what they look for. How well you make others understand your opinion matters the most.

INTERVIEW:

45 students got shortlisted for the final interview. There were many panels and the interview was conducted for many students simultaneously. Apparently both my panel members were from Design that suited my Area of Interest. That made my job easier. As usual there was a question where they asked me to explain about myself. Impress them in this question, the battle is half won. Then there were few basic questions on SOM. Answered them and they were convinced. There weren't much technical questions. Then the HR started asking all the basic HR questions. Answered all the questions providing examples and supporting points. Took 10 minutes to answer each question. You do the talking for most part of the interview

and make them listen well. This proved to be successful for me. It was a very enjoyable session of 40 minutes. We were made to wait until everyone was done with their interviews. Late in the evening, the HR announced the results. Finally 23 out of 590 were successfully placed in FORD. Like the previous year, 9 mechanical students got selected. Thus is the story of our placement. They don't expect you to answer all the technical questions. Be clear in what you tell. Tell a straight NO if you don't know the answer. If they get an impression that you are flexible and you can learn things, getting the job will not be a problem!

One personal tip, if you aren't clearing the written round, don't lose heart. Campus placement is a combo of your skills, preparations and luck (the most important thing). Every man has his day. Wait for your day.

All the best (y).

4) ROHIT KHANDELWAL

Contact no: 9176535061

ONLINE TEST:

It was one hour test undertaken by 590 students from various streams of B.E. There was total of 50 questions. The breakup was as follows:

1. Verbal Reasoning: 10 questions
2. Quantitative aptitude and logical reasoning: 20 questions
3. Functional Domain: 20 questions

Verbal reasoning comprised of Reading Comprehension, Jumbled sentences, sentence correction. Any one with basic knowledge in English will be able to answer it with minimum difficulty. These questions are .

Quantitative aptitude and logical reasoning is all about **time management**. Work out some practice tests from IndiaBix or self-timed test so as to increase your ability to attempt maximum questions in the specified time.

Functional Domain is the Technical section based on your stream. Many Questions were from High School Physics and Chemistry (11th and 12th) like Dot Product, Cross Product, Gas Laws, Surface Chemistry. Basic Electrical Engineering Concepts were also tested. From Mechanical Engineering topics from Manufacturing(Welding and Brazing), SOM, Thermal were asked.

I was strong in Physics(my favorite subject). Most of the mechanical engineering questions I had no clue and since there was no negative marking, took a random guess. About 80 students got shortlisted for the next round. Mechanical Engineering by Khurmi is good reference book for technical.

GROUP DISCUSSION:

They presented us two topics and we collectively had to decide which one to go further

1. Advertisements are all glitters, nothing is true
2. Passion or money, which one you prefer

We went with the second one. All of us expressed our opinions citing examples from various fields. All the groups were given the same choice. From our group 4 of us were selected for the interview. Total of 45 students were shortlisted.

Tips for Group Discussion:

- ▮ Express your opinion confidently. Be loud and clear.
- ▮ Do not be a silent spectator. Its better to be wrong then keep mum.
- ▮ Be proactive, Grab the opportunity. Don't wait for others to ask you to open your mouth.
- ▮ If possible open the discussion.

Most important be a good listener and note down the all the important and relevant details of the discussion. You can contribute, by strong conclusion even if you lack in ideas. They evaluate based on your points and not on fluency.

Practice mock group discussion by forming your own teams. I had participated in group discussions contest held in the college by various clubs, which built in me the confidence and provided me the exposure.

INTERVIEW:

My interview was for about 40 minutes, panel consisting of 2 members. Initially they scrutinized my resume and asked for an introduction. In the introduction, I clearly mentioned my area of interest as Rapid Prototyping.

So technical part was based on what is Rapid Prototyping, its advantages, limitations and application. My project was on 3D printing, so they asked how you will print a bumper of a size larger than your printer. Other questions were, what is limitation of rotary cutting tools since I had presented a paper on it for Pinnacle (Department Symposium). They took a note on where I had presented it also.

What are the challenges to be faced when manufacturing a part design. What about design consideration? What is fatigue, endurance? Which is critical, tension or compression?

Questions were put up based on my answers.

Most of the answers were all discussed in class in various subjects! So Placement Preparation starts from Classroom Teaching! Specify your **area of interest and be prepared with it**. Also have complete knowledge about your project, internship or In plant Training, any other technical activities mention in the resume. Most important be clear in your answers, **do not use any terms which you don't know**.

For the HR, common questions were asked. What is your short term and long term goals?

Do you have any role model?

Are you willing to travel? Are you ready to work outside Chennai?

Are you flexible working in different shifts?

If your working in a group for a project, and members have difference in opinion, how will you coordinate with your group members to achieve the your objective?

My recommendation for HR is to have **planned and framed answers to commonly asked questions**, before facing the interview so as to communicate confidently and spontaneously.

Some other question which could be asked: Why do you want this job?

What do you know about our company?

Why do you think we should recruit you? Or What is the quality you have which you think is suitable for you to be selected?

Be calm and confident. Don't lose hope if you are rejected. It is learning experience. This is what I kept in mind when going for the interview.

All The Best Guys!

I convey my gratitude towards my parents, friends, family and my well wishers for their continuous support.

Also I thank all my teachers for the knowledge and guidance.

5) SANTHOSH RAJA M

Contact: 8903632253

Previously, I attended L&T Mumbai, Latent view, TVS Sundaram Clayton Ltd. In both L&T Mumbai and Latent View, I was not able to clear the written test. I cleared the first technical written test in TVS (but failed to clear the written Aptitude test).

Then I attended FORD on 26-09-2014.

written test - totally 50 questions (20 technical , 20 apps , 10 english knowledge)

only basic questions from manufacturing , thermodynamics and general physics were asked.it was not so difficult.

the books i studied for written test (technical) -

- IC engines by V.Ganesan
- manufacturing technology 1 & 2 by Vijayaraghavan
- Thermal Engineering by Khurmi
- Mechanical Objective by Khurmi. (Note : In TVS sundaram clayton , technical ques were asked only from Mechanical Objective by Khurmi)
- for quantitative apptitude - R S Agarwal book is sufficient.

on 30-09-2014 , we were called to Ford office at Perungudi for GD and Interview process.

GROUP DISCUSSION : this was my first GD

we were given 3 topics and to choose one from that. topics were

1. passion or money - which is more important ?
2. do politicians need retirement age?
3. are the advertisements only glittering ?

since the first one was very easy , we decided to go with that.

our team were 6 members and (2 HR were there). total time - 20 min they gave us 2 min to think. as soon as 2mins were over, i started the GD as " yeah.... i would like to start the GD. the topic we have today is..... " . Then it went on moving as a discussion. (frankly saying that GD was really awesome. since that was my first GD i was little bit scared , but when the GD started i felt like some normal chatting with my friends). then after 20 min i said that " ok.. its time can I conclude the GD " . then i concluded that GD and also some of my team members added some more points.

Note : all the six spoke well. but only 3 were selected (if you start and end the GD , you will be given more points) .

my opinion about GD:

- don't be a robot in GD , give some expressions .
- (the main reason for conducting GD is not to test your English fluency , but to check how good you are in communicating within a team.)
- practice some mock GDs and be aware of current topics.

INTERVIEW :

It was a combined technical and HR interview. it took place for 45 min.

Before entering the interview panel , don't think about anything , keep your mind calm. Try to concentrate your mind.

I went in . they introduced their names.

they read my resume fully for 2 min and said " hello Santhosh .. Can you say about yourself ?"

i introduced myself and about my native place , my school name and my academic percentage very shortly.

i immediately said " sir , right from my childhood i was attracted toward cars and my areas of interests are IC engines and Basic concepts in Thermodynamics "

HR : can you tell us something about your Inplant training in Ashok Leyland ?

i was waiting for this question . as i have prepared earlier , i said each and every single thing i saw in Ashok Leyland like how they assemble engines , chassis , axles and frame assembly. (it took more than 15 min).

HR : tell us about your project ?

i told them about my project , the idea behind that and how useful it will be for our society .

HR : can u tell us the subjects in your current semester.?

i told them .

HR : what you will learn in Renewable energy ?

me : we will learn more about solar energy , solar water heaters , fuel cells , some other biodegradable sources and also explained the necessity for renewable energy "

HR : what you will learn in mechatronics ?

me : we will learn basics about microprocessors and microcontrollers and some sensors "

HR : name some sensors that you have seen?

me : i have seen some sensors in automobiles . then i said about some 10 sensors , their purpose and how they are related to fuel efficiency , emission control and safety .

HR : have you taken any seminar ?

me : i took one seminar named " Opposite Piston Opposed Cylinder Engine ". i explained about that .

HR : name some manufacturing process ?

me: i know basic working in sand casting , pressure die casting , forging . i gave some examples like how engine block , connecting rod are manufactured (not more briefly)

HR : what is CFD? (since i have mentioned this software course in my resume)

me : i answered them the purpose of CFD software and the steps involved in analyzing a system using CFD.

HR : can you write the theoretical equations behind which it works?

me : sir , i have learnt only about using that software and i don't know the theoretical equations behind it .

HR : what you know about ford & how do you see ford ?

me : i don't see ford as just a brand like others , but i see it as a innovation and platform for technologies and achieving something big in life . Then i said about something ford motor company (which i had seen in Wikipedia) and about ECOBOOST engine , its speciality and pride for ford.

HR : ok good .. can you say some of the cars manufactured by ford ?

me : i told them (don't mention only the model names , try to add some more information on that)

then some more questions like do you like to travel ? , what are your hobbies ?

HR : have you organized any events in your college?

me : i told them about the workshops organized by me in pinnacle and kurukshetra and also the difficulties we had faced and how we solved. finally they asked are you willing to work in Gujarat plant ?

when they asked this ques , i was so happy and i answered like , the place is not important for me only thing i have to work in ford , that is my ambition and also i can learn new language and culture when i work in those places.

HR : do want to ask any questions ?

me : yes sir , is ford escape hybrid a series type or parallel type hybrid ?

when will you launch CVT automatic transmission cars in India ?

thats all .!

when i came out of the room , i was more confident and finally result came by 6.30 pm .

my opinion : just be cool and calm while attending interview . once you get the opportunity use them fully , tell them everything you know. impress them by selling yourself in a excellent manner. give your 100 % performance.

thank u

always remember failure is the stepping stone to success , Hardwork never fails .

MY BEST WISHES FOR YOUR FUTURE .

GOOD LUCK .



1) NAME	:	ABISEKA AKASH.G
COMPANY'S NAME	:	VA TECH WABAG
JOB PORTFOLIO	:	Graduate Engineer Trainee
SALARY	:	3.55 lpa
SELECTION PROCESS	:	Online test, Group Discussion, Interview
BOND DETAILS	:	nil
ELIGIBILITY CRITERIA	:	6.5 CGPA and No CURRENT Arrears
DATE	:	29, 30 September 2014
STUDENTS PLACED	:	SANAM SOLANKI- 9791121223, ABISEKA AKASH.G – 9500113296

Online Test

On the evening of 29 september 2014, Wabag conducted its online test for the students of CEG, AC Tech and MIT. It had several sections each having a different sectional time limit . The different sections were Verbal, Reading Comprehension, General Aptitude, quants, Error spotting etc. Time management and accuracy under pressure were the key to cracking these questions since the difficulty level wasn't really high. Apart from this, sitting through the hour long test with peak

concentration was also a challenge given the timing of the test (5-6 pm) when most of us would usually be getting comfortable on the couch in our homes with a hot cup of tea watching our favourite TV shows. The last section in the test was a technical session with 15 question encompassing basic concepts of Mechanical engineering to test our understanding of the subject as a whole in our 3 year engineering experience. The results were announced by around 10 pm and that gave us enough buffer time to prepare for the next couple of rounds. 38 of us were selected from mechanical engineering department alone for the next round.

Group Discussion

For the group discussion, we were divided into 3 groups of 12/13 each unlike the conventional 6/8 per group. I was in the first group and we entered the hall where we were made to sit and our names were noted down in our order of seating. There was a 7 member panel that judged our performance in the discussion. Our topic was “Is it right for the state governments to ban liquor sales in their respective states or is it right to continue allowing the sales of liquor “. The panellists also gave us a disclaimer that this wasn’t a discussion about whether drinking is ethical or not and hence told us to gather our points with care and opened the floor for discussion without any prep time. Once the discussion started, unfortunately it was a rat race since 12 members in a group proved to be too much for a discussion, with each person fighting to make his point heard. I hardly got any chance to speak as most of my ideas were exhausted by others in a short span of just 10 minutes where I was constantly prevented from voicing my opinion. Finally when I saw my window of opportunity, I grabbed my chance and spoke with conviction and confidence, making my one and only point loud and clear. It wasn’t even 20 seconds since I had started talking when one of the panellists cut me off abruptly and asked a couple of other who hadn’t spoken up during the discussion to throw in their points before directing another guy to conclude the discussion. With very less hope I left the hall only to know half an hour later that I had made it to the next round.

Personal Interview

My personal interview was fun and my panel members were very friendly and made me feel absolutely comfortable. I was the first to be interviewed and I was interviewed by three members. Even before any question was put forward one of the panellists asked me why I had a small stubble for the interview and wasn’t clean shaven” for which I smiled and said, “It wasn’t supposed to grow back in two days. So I sort of forgot to trim it off before the interview. Won’t happen next time” for which they had small laugh (for reasons I still don’t know). As clichéd as it gets, my first question hence, was to introduce myself. I pounced on the opportunity and

went on for a good 15 minutes about all my achievements in school and college etc etc. If it was one thing that surprised me, it was the interviewers' attention to detail while skimming through my resume. Anything and Everything they asked me was in one way or the other related to what I had written down in the resume.

They asked me a few questions from my areas of interest. Since I had written down Hydraulics and Fluid Mechanics and IC engines, the interviewer asked me about the different kinds of pumps and asked me to draw the characteristics curve of a centrifugal pump. I made a mistake in the graph and he corrected me promptly. He then went on to basics of Fluid Mechanics and then asked me about the different engines I knew and I talked about each and every engine I knew for about 5 minutes. He realised that automobiles was my passion and asked me a question, "If I were to give you an option between an automotive company, say Ford and VA Tech Wabag, which company would you choose to work for?". I answered, "Hands down Ford sir." He was a little taken aback and thanked me for my honesty and then further on, grilled me about why I would like to work in Wabag though my passion was something else. All I can remember now is that whatever I said, however I answered those barrage of questions, I answered them all with 100% honesty.

Some of the questions thrown at me were,

"Why do you want to work in wabag in spite of your passion towards cars?" "Are you a go-getter?"

"How can I be assured that you will work with us for a substantial amount of time?",

"Where do you see yourself in 5 years? In 15 years?"

"Would you be ok with working anywhere in the world?"

"Is it ok with you to work on site or in the desk. Give me a reason to support your choice"

Finally they asked me if I had any questions about the company for which I asked them about their future projects in India and then they concluded the interview.

TIPS

ROUND 1: Quants and technical Written Round:

Prepare well for your quants. Use R.S Aggarwal book if it helps you or in case you did your GRE preps or CAT preps that should be more than sufficient. Do not shy away from your aptitude preparations because no matter how good you maybe in your technical skills unless you clear this round, you can't give the interview a shot and hence clearing the first round is elemental in the entire selection process. Go through basic concepts in physics like mechanics, elasticity, force analysis etc, and engineering concepts like thermodynamics, theory of machines, Manufacturing technology, Fluid mech, HMT, Design of Machine elements. Certain companies have a separate technical written round but most others don't really value your technical scores as much as your quants scores. But make sure you have a balanced mark distribution in technical and quants since a high mark disparity between the two will not go well with the company.

ROUND 2: GROUP DISCUSSION

The GDs with both L&T and Wabag made me realize that a very high level of importance was given to clarity in thought and confidence and fluency in speech. Moreover it is also important to know that each and every movement of yours will be noted down and hence you need to strike a pose of confidence throughout the discussion. Later I came to understand that the panellists seemed to observe our tendency to observe a conversation too. So my advice to everyone would be, to not interrupt anyone when he or she begins to talk. Listen carefully and gather points from what others have to say. In case there is a conflict of opinion, do not get aggressive and try to prove a point but try to accept the other person's view and move on to your next point. And in case two of you start talking at the same time, one of you take the initiative to stop and let the other talk and the other person after finishing your point direct the conversation to the first person who voluntarily let you talk. NEVER keep beating around the bush but instead be short, concise and intelligent about your points.

ROUND 3: PERSONAL INTERVIEW

Be confident about yourself and be prepared to face the worst. Always go into the interview with the least expectation because it is only then will you perform the best. If not one job, another job. Prepare well and leave the rest to fate. There is no way to prepare yourself for HR questions but one trend in interviews is that interviewers ask questions from what you answer. It's a continuous loop wherein they pick up questions from your previous answer. So answer honestly and don't get caught in a lie.

Always make sure you are thorough in your Areas of Interest since this is what most companies grill you on. One way to study is to keep looking for latest info on the internet pertaining to your area of interest and reading your text books. Another way is to keep questioning each and everything around you related to your topic of interest and reading up on why certain things happen the way it happens. Think about the various questions that can be asked to you in your topic of interest and find answers online. Wikipedia and howthingswork.com are also very helpful in clarifying your doubts. This will help you in a huge way since most of the questions in the interview will pertain to the real life applications of your subject of interest. This is how I studied and I actually learnt a substantial amount this way.

Finally, I'd like to wish you all luck in your future endeavours. Never get disheartened even if you get rejected by many companies. Different companies expect different kind of employees depending upon work culture and ethics. Keep preparing, do your work and the results will follow. Make up your mind to accept failures. But sure you learn something from these failures and never repeat those mistakes again in subsequent selection processes.

ALL THE VERY BEST TO ALL!! CHEERS!!

2) EXPERIENCE: SANAM M

Contact: SANAM M- 9791121223

WRITTEN ROUND :

The written round was conducted on the 29th of September 2014. The written round had both technical and aptitude. In the aptitude section we had almost everything which includes quants, verbal, reading comprehension, number and alphabetical series, alphanumeric questions, data interpretation and error spotting. The technical section had basic mechanical engineering questions. We had around 15 technical questions. From the written round 38 of us were selected for the group discussion round.

GROUP DISCUSSION:

The group discussion was conducted in 3 batches and i was in the 2nd batch. The topic given to us was “LIQUOR SELLING BY GOVERNMENT IS ETHICAL OR UNETHICAL”. The GD went on for around 10 minutes and most of them gave their opinion. I just gave 2 valid and strong points and expressed them in a proper way without stammering. Body language is also an important factor which the GD panel often takes a notice of. At the end of GD a total of 7 Mechanical engineering students were selected for the final interview.

INTERVIEW:

After the GD we were asked to assemble for the interview in CUIC. The first one to go was ABISEKA and I was 5th amongst the lot. As soon as I entered inside I was asked to talk about myself. I took this opportunity to tell everything including BAJA, SME and my dance team along with other activities I took part in. This went on for around 15 mins. Then after that a few more HR questions like “will you be able to work in the field” & “will your parents allow you to leave Chennai for work” etc. After that they asked me questions on FLUID MECHANICS & IC ENGINES (since that was my area of interest). I answered all the technical questions. The interview went on for around 30 minutes and I came out with 70% satisfaction. Five minutes after the interview I was called again since the Senior HR wanted to take my interview again. As soon as I entered inside I was again asked to talk about myself but this time both the interview panel were senior most people from the company. The next question was a situation and I answered that very well. After this question one of them asked me “Tell one incident in your life where you

have showcased your talent”. The panel was really impressed by my answer. The final question “ What if you don’t get placed at the end of your 4th year?” I tackled the question and gave the answer and shook hands with the panel and came out.

TIPS:

- It’s a request from my personal experience please start preparing for aptitude and technical round because once you clear them the rest of the rounds will be a cake walk. “ WELL BEGIN IS HALF DONE”
- In the GD its not about who talks the most but its all about throwing sensible points and getting noticed for the good.
- For the interview please prepare well for the subjects that you are going to put as your area of interest because they will be testing your knowledge based on that only. So always be one step ahead of the interview panel.

Fellow juniors and my batch mates kindly do not be disheartened if you don’t clear a written or GD round. Learn from your mistakes and move on. Develop courage and be mentally strong. Obviously getting a job is not so easy so kindly work hard towards achieving your goal.

ALL THE BEST FOLKS..!!!



NAME : ILANGOVEN A C (2011111021)
BATCH : AB
CONTACT : 8754935089, acilangoven@gmail.com
CTC : 4.5 lakhs (without accommodation)
Bond : 2 years, 50,000/- on breaking bond
Place of training : Jamshedpur
Eligibility criteria : 6.0 from 10th onwards, no history of arrears
Date : 24/10/2014
Selection process : Written test and Personal interview

WRITTEN TEST (Paper and pencil type):

The written test had two sessions, aptitude test and a technical test. Both the test consisted of around 75 questions. The aptitude test was not much of a hurdle as most of the questions were similar to that in normal aptitude books and websites. Please don't rely completely on these study materials for aptitude as applying sense alone in some cases will give the right answer.

The technical test consisted of questions from entire mechanical engineering field. Though it was a MCQ type test, some questions with numerical choices were time consuming. In such cases, it is wise to come up with an approximate value or a range and check with the choices to get the right answer. Ensure to apply your sense while answering from an approximate value.

PERSONAL INTERVIEW:

Prior to the interview, TCE T-shirts were distributed to shortlisted students. Then a form similar to a resume was given to us. Please make sure that you always carry sufficient number of passport size photos, photocopies of mark sheets etc always with you during placement processes. I ran between CUIC and hostel, and again from CUIC to Kotturpuram for not having a photo and a mark sheet Xerox. By the time I finished that form, my name was called for the personal interview. With beads of sweat all over my forehead and this being my first interview, it was definitely going to be a waste. Luckily I had a 10 minute waiting time to prepare myself.

The technical interview was mostly from my areas of interest. Some of the questions that I can remember are:

Rankin cycle curves and its schematic diagrams, Heat exchanger curves (for parallel and counter flow), types of turbines, what is LMTD and its formula, pressure unit conversions etc. Renewable energy is one of my areas of interest; this particularly caught the interviewer's attention. Almost half my interview time went down in this area. I explained my project which is related to energy management. The interviewer was quite satisfied with my answers related to this field. Try to use paper and pencil while explaining answering questions as they help in explaining better. Finally when there is a chance to question the interviewer, don't ask simply for the sake. Have a well prepared question even before attending the interview as they can set you aside.

HR INTERVIEW:

The customary "Please tell me about yourself" was the first question asked. Then I was asked on the reason for choosing TCE. Always be genuine in answering this question. People who are desperate to get a job at least have a well prepared answer. Similarly my strengths and weaknesses were asked. My HR interview was more of a chat than an interview. Finally I asked them about their CSR activities and their process of getting a project.

TIPS:

1. Written test is a time management test too, don't stick to same section/question.
2. Never change your areas of interest depending on the company.
3. Never hesitate to add a subject in your resume even if it is not a core subject.
4. Have a reason to attend the company.
5. In my opinion, there is no much of a value for how you appear. Don't spend more time on it.

6. Think of interview as a formal chat.

7. Observe the PPT well.

ALL THE BEST

2) SATISH KUMAR S (2011111061)

CONTACT DETAILS SATISH KUMAR S

Ph no :7299754410

Mail : tssatish93@gmail.com

L&T, MUMBAI

It was the first company that visited our college in mechanical core. I didn't prepare for technical and aptitude. Just saw some formulas alone the night before the written. But luckily I cleared written. Written comprised of both aptitude and technical. Next round was gd on the same day. NO elimination in gd. I didn't attend the final interview on the next day due to some reason.



They shortlisted only the top 30 people from our dept and conducted the aptitude exam. There were 60 questions to be answered in 1 hour. Nearly 18 of them got shortlisted for the Interview, as there was no GD. The interview questions asked where,

Technical interview

- ▮ Tell me about your project
- ▮ How will you explain your project to lay man
- ▮ 1st law of thermodynamics
- ▮ Comment about enthalpy entropy and heat changes in isothermal process and adiabatic process
- ▮ What is the motion of particle in air- ans is aerodynamics
- ▮ Questions from IC engines (bcoz I hav done a inplant training at Simpsons)
- ▮ Who was the founder and co founder of apple?
- ▮ What place does India stand in army compared to other nations?

- ▯ As a mechanical engineer why do u want to work in construction company?
- ▯ Will u work in Assam?
- ▯ Will your parents allow?

HR interview

- ▯ Tell me about yourself
- ▯ Why do u want to work in L&T
- ▯ What is mechanical engineering according to u ?

I almost answered all the questions well. Had a confident feeling when I left the room. But the results were not published.



It was an online test . Both technical and aptitude questions were asked. Technical questions mostly from basic 12th standard physics. I didn't clear the written round.



It was an online test. Technical, aptitude and verbal questions were asked. There was no time for aptitude questions. Verbal were a bit difficult. Technical questions were mainly from GATE. I didn't clear the written round.

CTC-4.5 lpa

Bond-3 years breaking of bond Rs 50000

The written test was conducted in morning

- o Technical questions -30 question- 30 minutes
- o Calculator was allowed because mostly the questions were numericals .
- o Questions were mostly from power plant, SOM, Thermodynamics , heat and mass transfer
- o GATE questions were asked

Aptitude questions:

30 questions -30 minutes

- ▮ 10 questions-verbal
- ▮ 10 questions-quantitative aptitude
- ▮ 10 questions-data interpretation
- ▮ Mostly from RS agarwal

Nearly 17 students cleared the written round and I was one among them.

We were made to fill a application form it was similar to a resume and this was used during interview purposes.

From 1 P.M onwards interview was conducted on the same day. Technical Interview :

- ▮ Tel me about yourself
- ▮ What is your area of interest?
- ▮ What are the different heat transferring devices?-fins heat exchangers
- ▮ What is LMTD?
- ▮ What is the Formula for LMTD in parallel flow and counter flow?

I drew the diagram of parallel flow and counter flow temperature variation and said the formula from that

- ▮ Which is preferred parallel flow or counter flow? And why?

Counter flow bcoz of higher heat transfer.

- ▮ What is viscosity?
- ▮ Formula for viscosity?

The interviewer drew a diagram and asked how will I select a pump based on the head for the given diagram?

- ▮ Explain second law of thermodynamics
- ▮ Application of second law?
- ▮ What will be the maximum efficiency of a heat engine?
- ▮ Then he pointed to a AC in the room and asked me what it is ?

I replied it's a split AC..so he asked component inside room what it is ?

I told it's an evaporator and added refrigerant absorbs heat from the room air

evaporates while decreasing the temp of the room.

¶ He asked any questions ?

I saw the website in that there was a design about nuclear waste disposal .So I asked him how does TCE design that and he explained.

HR Interview :

¶ Are you very serious person ?

¶ Tell me about yourself ?

¶ What are your strengths and weakness?

¶ Why do you want to work in TATA?

ANS : want to start my career in a company that has been since 150 years and it is always a prestige to say that ur part of TATA

¶ Why consulting company and no production?

Consulting is the heart of design .Even for production you need design.

¶ Why do you want to work and not go for higher studies?

ANS: knowledge can be gained only by experiencing . True knowledge in engineering can be gained only by seeing real-time applications of engineering in a industry and not by learning bookish formulas .so I want to work first apply in real life what I have studied so far.

¶ Will you work in Jamshedpur ?

¶ Do u you know Hindi ?

¶ Do u hav any questions?

I asked about the most difficult project TCE has taken and how did they complete it what does TCE want to achieve in the next 5 years.

The interviewer answered these questions and he gave me firm handshake.

I was confident when I left the room. We were told to wait in CUIC till results were published. Results came at 9:20 PM on the same day .

Myself and three other friends got selected.

TIPS:

¶ Aptitude by RS AGARWAL

¶ Indiabix.com was really useful in preparing aptitude and verbal

¶ IES, GATE, PSUs: A Handbook on Mechanical Engineering (English)

http://www.flipkart.com/ies-gate-psus-handbook-mechanical-engineering-english/p/itmduvwa9svhkjx?pid=9789381069639&otracker=from-search&srno=t_2&query=made+easy+publications&ref=62fb13cd-d4af-4b3d-8992-3a505982e3aa

¶ Mechanical Engineering conventional and objective by RS khurmi

<http://www.flipkart.com/mechanical-engineering->

english/p/itmdytg952zxrwt?pid=9788121906289&otracker=from-search&srno=t_2&query=mechanical+engineering+%28conventional+and+objective+type%29+author%3A+r+s+khurmi%2C+j+k+gupta&ref=c1aa698b-1a36-4f66-a84f-5c87236a18cd

¶ Practice daily. Getting correct answers in aptitude is easy. It depends on how fast you do.

¶ Write down the shortcut methods u come across in a separate notebook and use it for referring before written.

¶ Start preparing for aptitude in 6th sem holidays. I started only after 2 months joining 7th sem and that's the reason why didn't clear written in FORD and WABAG

¶ For technical reading khurmi and mechanical handbook is more than enough.

¶ But read from textbooks for your area of interest.

¶ Read newspapers regularly .

¶ Stay updated with current affairs.

Last but not the least. Believe in yourself and Almighty GOD . your day will surely come.

Don't lose hope.



Name of the company : Visual BI
Nature of Job : BI Analyst Trainee
Salary : 3.25 Lpa
Selection process : At College Campus:

- ▮ Online test,
- ▮ Written test (programming),
- ▮ Interview

At their office:

- ▮ Programming task
- ▮ Interview

Bond : 24 months
Eligibility criteria : 6.0 and above (arrears not mentioned)
Date of visit : 28/10/2014 (online test), 29/10/2014 (written test & interview) & 01/11/2014 (at office)

Previous experience:

The first company I attended was L&T Mumbai. The first round was a written test comprising both technical & Aptitude. I was not well prepared for the test, but I got some previous year question papers of L&T. Since I've prepared those questions i was able to clear the written test. As there was no elimination in GD, i went through to interview. It was a complete technical interview for which i haven't prepared well. As i have mentioned SOM & EMech as my interests in the resume, they started with a bending moment diagram question, where they literally gave me a numerical problem and asked me to solve it. I am not able to solve the question. Then they went on asking like "what do you mean by the strength of a material? What is the BHN for mild steel, aluminium, stainless steel?" i barely answered both. Then they started asking series of questions from nowhere but whatever i blabbered there. So, always be careful of the topics that you bring in while answering their questions in the interview. Out of a bunch of questions asked by them, i answered only some 5 or 6 questions which

included questions like,” tell me about your project? Do you have any location constraints?”. Finally after about 45 minutes of the interview, i came out with complete confidence that i will not get placed here.

The mistake what i’ve done here was i was not at all prepared for the placements. I started studying only after this company. Please make use of the time available before the placements start. Please make sure that you are ready for the placements by the end of july.

Then i attended some companies like sundaram clayton, ford, TCE where i didn’t make it to the interview. i did a major mistake in sundaram clayton. They conducted aptitude test as seven quick tests each one for five minutes. In one of the seven tests, i didn’t see the questions in the second page of the question paper. So, Please read the question paper carefully and completely.

Visual BI:

The first round is an **online test**. The question had several parts as logical reasoning, verbal ability, quantitative aptitude and technical questions from basic programming languages. Technical questions included basic questions from C, C++, java languages like debugging, finding output and basic commands in programming. For aptitude and reasoning, R.S.Aggarwal and indiabiz.com will be good enough.

The second round is a **programming round**. The question paper consisted of two logical problems and three programming questions. For all the questions what they considered more important was your approach towards the question than the exact answer for the question. The programs can be written in any programming languages of your choice like C, C++, java, etc. I wrote the programs in C++. The programs were at a medium difficulty level.

The next round was **HR interview**. They were a panel of seven people. They went through the resume and asked questions from that. Actually they got attention to my resume as I had made it in colour and added some pictures and graphs to it. (Note that this kind of resume may not work out with all HR) They asked whether it is the same resume for all the companies or it is only for Visual BI. I said that it is the same for all. And they inquired that how the previous HR’s reacted to this. Actually that was my first interview with that resume as I had totally attended only two interviews. I said them the same like above. They smiled and started asking questions like why did you choose mechanical engineering, what was the biggest challenge that you have faced in the recent days. I said my career selection was a big challenge for me and then they asked why you chose to go for a job. But I didn’t answer that question properly but I simply managed with that one. And then they asked some general questions.

An interesting thing what I heard from my friend who also attended the interview was that he had mentioned reading novels as his hobby in his resume.

When they asked what kind of novels, he had replied that like Tamil epics. Then they asked him that whether he knows Ramayana and Mahabharata. He answered that he knows Mahabharata but he didn't read the novel but he knew it by watching serials. Then, a lady from the panel started asking, "is that the vijay tv serial? Who's your favourite character and why? Did you watch yesterday's episode? What was the matter going on this week in that serial? Do you know where the serial ended yesterday?" and he answered all these questions up to his knowledge. The reason for me mentioning this here is that they could ask any kind of questions in the interview and we should answer their questions genuinely without overreacting or getting personal. And another interesting thing is he also got selected for the next round.

For the **next round**, the shortlisted students were asked to come to their office. We were given a system each with two tasks. In the system there was a program for the "Tetris" game in some programming language. The two tasks were:

- ▮ Add one more block of your own shape
- ▮ Randomize the colours of the blocks

We were given access to google. We have to google something and we have to find out in what language the program is given and complete the tasks. We took nearly 2 hours. All of us had completed the first task and no one has completed the second one. Hence, there was no elimination in this round.

Again the next round was another **interview**. This time they started by asking some questions from IC engines. There were questions like, "what is the use/function of gearbox? what do you know about fuel injection? Now, you have to create an online dashboard for users who want to buy a new bike. Your dashboard should help them decide which bike to buy." (I took a paper and drew three bar graphs and drew some bullet boxes and explained my idea to them and they seemed to be convinced with my answer.)

Then they asked some questions about teamwork and leadership and then they asked whether i have applied for any exams like GATE, CAT, GRE and i answered that i haven't applied any. (But i actually applied for gate). It is better to avoid topics like competitive exams in the interview as it would create a doubt on you like, after getting selected you might go for higher studies, especially in non-core companies as this will decrease your chance of getting placed.

Those who want to get placed only in core companies; I suggest not attending non-core companies at the earlier stages as many core companies will be coming for placements subsequently till March or April. For those who wish to get placed in management and analytics based companies, practice well in aptitude and problem solving. Practice more by attempting online aptitude tests.

More than all of these, as some of my friends mentioned in their placement experiences, nobody knows how they shortlist people for the next rounds.

Luck plays a major part there. So prepare well in all aspects for any company you attempt, try to give the BEST out of you in every round. No matter how you perform in a company, if you are destined to get placed in a company you will definitely get placed, just like I got placed. And don't lose your heart if your placement gets postponed because sometimes waiting might be worth more than what you would have expected. Everyone will have their day for sure. Some Big opportunity could be coming in future as we saw it in some of our batchmates' placements.

So, prepare well, perform well and all the best, or may be, BEST OF LUCK for your future. (y)



1) Hussain Bhavnagarwala

The selection process consists of three rounds

- MCQ test
- Group discussion
- Personal Interview

Each round is an elimination round.

1. MCQ test

The MCQ test was conducted by an external agency called cocubes, there were three MCQ tests and each one was an elimination round. The tests were on Quantitative aptitude, technical knowledge and English. Having written many aptitude tests for various companies, I have come to realise that having dedicated material or books for aptitude and technical MCQ's will help a lot. I have used R.S Aggarwal for Quantitative aptitude and it has been extremely helpful however I did not have one for technical apti and hence I feel I lagged on that front. For native English speakers the English tests wouldn't be a problem, for those who don't speak as much, I would suggest learning the basics, learn basic grammar like what is a noun, pronoun, adjective, verb, adverb, prepositions etc. and also their usage. Read newspapers and small stories in your free time to improve your skills.

2. Group discussion

Group discussion (GD) is one of the hardest obstacles to overcome. I have sat for three GD's and failed miserably at two of them but I learnt a lot. The most obvious one is to remain calm, this is the most important advice to remember before a GD. We tend to panic and choke during the discussion because of the pressure, this pressure often kills our thoughts and makes it hard to come up with new points and counter arguments during the process. Listen to the other speakers and take a note of the point they are talking, you can probably counter that or add more to it or even generate a new idea or opinion from their point. One thing that you should never do is say that "I agree with him" or "I disagree" and then leave it there, make sure your idea is heard. Even if you're not listening to the person talking make sure you're nodding your head and looking in that general direction because your body language is also important. In the GD for CUMI, we were given a choice of 26 topics to pick from, make sure you pick a topic fast and don't

start arguing over which topic to pick. We chose the easiest topic which was “Is television a boon or bane?” Being fluent is important, and also make sure you come out with new points to change the course of the topic. Make sure you carry a pen and note pad and make a general list of points that were said, this will be extremely helpful for summing up the discussion. I also attended GD’s for wabag and L&T, in the l&t GD I never really understood the topic (“India is a soft nation”) and was basing my points from what others spoke, if you do not understand the topic you can always ask for an explanation do not feel bad about not understanding, this was a mistake I made, the wabag GD had a relatively easier topic (“ Should alcohol be banned by the government “) but there were fifteen members in that discussion and a lot of points got taken off before I could say anything, try and be one of the early speakers and mediate the discussion.

3. Interview

The technical and Hr interview was done together and I felt this round was easy. I wasn’t asked many technical questions, the Hr was straight forward. Try and be confident about everything you say, don’t second guess yourself while answering. Most of the hr questions are predictable so you can prepare for them, on the technical side they will ask you your area of interest and then question you from there. My area was Rapid prototyping and manufacturing, I answered most of the questions on RP, few other questions were definitions of toughness, hardness etc. Since cumi is into abrasives they also asked me to name a few abrasives used, Diamond being the hardest material was my answer. My interview was the shortest and it got over in 15 minutes. This was the only interview I sat for.

2) Srinath V

Contact no : +91-9894741315

Email id : srinathvenkatasamy@gmail.com

Fb id : www.facebook.com/srinathvenkatasamy

Date Of Recruitment process : 7th November, 2014

Hi friends and juniors...

I got placed in murugappa group of companies-Cumi. The placement process took 2 days. First day online written test was conducted. The written test had totally 50 questions, it included 20 technical questions, 20 quantitative aptitude questions and 10 verbal questions. The questions were mostly from basic mechanical engineering concepts and most of the questions from manufacturing field. Aptitude questions were average level (practice a lot from Indiabix, Agarwal). Verbal questions were from basic grammar and passage comprehension. From first round 12 members got shortlisted for further process.

Second round was a psychometric round, which had no elimination. It had verbal, speed maths, attitude check and personality check test.

Third round was group discussion. They gave us a list of topics and asked us to select any topic. We selected "love marriage vs arrange marriage". I started third in the gd and discussed various points. Gd went well. After that 3 members from our group and totally 7 members from department got shortlisted for final interview.

I was called first to the interview. The panel had 2 members (1 technical and 1 HR). I went in and gave my file. The interview went in this way.

1. Introduce about yourself.

I answered explaining my academics, extracurricular activities and my background in short. I said my areas of interest and also I explained what reason made me put that as my areas of interest.

2. Tell about your internship.

I did my intern Shardlow India limited company which was a crankshaft and connecting rod manufacturing company. I explained about the various processes happening in the company and what was my role in that company.

3. Explain about crankshaft and its use in engine.

I drew the whole engine diagram and explained the crankshaft, camshaft and connecting rod assembly section and explained the functions of various components of engine and in detail about crankshaft parts.

4. What is forging ?

Forging is a metal forming process with hammering the red hot metal to get the desired shape. Two types press forge and hammer forge.

5. What is the use of fillet in crankshaft?

I said the answer which was to compensate stress concentration. More the radius of the fillet lesser the stress concentration.

6. What are the tests to be done in inspection of the crankshaft ?

I said crack detection test, dynamic balancing test, hardness test, dimensions checking.

7. What is dynamic balancing test?

It's actually a weight equalizing test used to check whether the crank shaft is equally balanced on both the sides. It is done using an equipment which rotates clockwise and anti clockwise based on which the readings noted the angle at which the weight is more is noted and at that angle the web position of crank shaft is drilled and weight is reduced.

8. What is crack detection test?

The crankshaft is inspected for both internal and external cracks using the machine, where oil is poured on the shaft and beam of rays are passed on it which shows the cracks visible in bare eyes.

9. If given a choice to choose between Cumi-hosur and Cumi-chennai, which one will you choose?

Since my hometown is hosur, I'll prefer hosur first. If company demands me to work in chennai, I'll take it. Moreover I like exploring new places, so if you ask me to work in any plant of Cumi in any location I'll accept. I've no location constraint.

10. Do you know where is Cumi in hosur?

I said its location and also said what are the items manufactured in that plant.

11. Why did you choose Ncc ?

To grow my leadership capability and self discipline. I also explained about various wings of Ncc and the benefits of Ncc and various certifications available in Ncc.

12. What do you know about Howrah bridge ??

I drew the structure of the bridge and said I don't know any technical details of bridge.

13. How will you construct a bridge ??

The length and breadth of the bridge must be taken and mass of the bridge, values of stresses at corners and the no of pillars that should be laid and the factor of safety for withstanding load .

After 30 minutes of Interview, Final question was

14. Why should Cumc recruit you?

Innovative thinking , Risk taking ability and Grasping power will be enormous in Fresh minds. I being a fresh mind believe that I have all these capabilities. So I feel Cumc should not miss me. Smiled. I wished them and left the room.

The results were announced at the end of the day.

Me and 3 other friends were recruited from mechanical department.

Materials what i referred

1. Gate 2014 (contained all the gate questions with concepts of all subjects)
 2. Gate/ies made easy hand book
 3. RS. Agarwal quants and objective type
 4. Indiabix.com
 5. educationobserver.com
- And more things from friends .

Tips:

1. Practice aptitude questions to solve in quick time
2. Concentrate on technical more , because this is where you can show the difference from others. I missed many companies because of lack of technical learning.
3. Have more points technically to speak about Your inplant Training And Internships.
4. Always say your area of interest in “introduce yourself” question itself, this avoids the interviewer asking questions from other unknown subjects.
5. Study Your resume thoroughly and be ready with the impressive answers.

6.Be Honest in Interview

7.Keep Calm And Believe In Yourself.

All the best Guys. Do well.

3) VISHNU KANNA R (Mechanical CD batch 2011111167)

Students placed & Contact: Vishnu kannu R (7598182630), Srinath (9894741315) , Hussain (8056138027) and mothi vinayak (9551131093)

GENERAL APTITUDE

First, randomly work out the problems from R S Agarwal book without worrying about time.

Once you are clear with the basic idea to approach the problems, start practising timed online tests from indiabix website. Identify your weakness and work on it.

At last, attend tests from examination observer website, on which you have to solve 10 questions in 5 mins. If you pass in those tests, you can clear the placement tests.

Simple questions were only asked in Murugappa group test, **anybody can solve it but only few can solve in the given time. Practice will make you too!!**

TECHNICAL APTITUDE:

As I found Mechanical engg. Objective book monotonous, I prepared from the books which was used during semester exams. We need to have an overall idea about the subjects and in-depth study is not required for cracking the test. So I suggest revising the basic definitions, formulae, examples, notable applications and important conclusions & results from those books and try to answer the objectives asked at the end of every chapter. Also work out the **previous year's GATE questions**.

In Murugappa group test , many questions were asked from materials & metallurgy and unexpectedly from basic physics.

After finishing the written test of any company, immediately make note of the unknown questions and try to find out the answers. This habit helped me a lot.

PSYCHOMETRIC TEST:

Totally 13 were shortlisted from our department. This test consists of general aptitude questions mainly from charts & graphs , logical reasoning questions and personality questions. **There was no elimination from this test.**

GROUP DISCUSSION:

Tips to crack the GDs are

- Keep practising **mock GDs** with your friends to fight the fear to speak out.

Improve your clarity on thoughts through reading **Editorial pages** of newspapers. This habit will make you to look into an issue with broader sense.

Five of us shortlisted from the previous rounds went for a panel. There were two professionals to observe us. We were given the freedom to choose the topic and we selected "*Arranged marriage / Love marriage*" which became an advantage for me.

PERSONAL INTERVIEW:

Concentrate on your **areas of interest**. Remember, you have to impress the panel with your answers.

Know yourself and your resume completely.

Be yourself.

Some of the Questions asked for me were

Tell me about yourself? (I was talking for a long time)

Is this a technique? (me: sir! what do you mean?) you are not allowing the interviewer to ask questions!! (I laughed and asked them to shoot out the questions)

Curiosity killed the cat? (while i was explaining about my curiosity to learn new things)

What is the principle of IC engine? Explain Otto cycle?

What you did in aero modeling? How will you design aircraft engine?

What is the temperature reached in air craft engines? What is the pressure reached there?

What is the material used in air craft turbines to withstand those temperatures?

What is crank shaft? How will you design it?

What will you do if we don't select you? Do you make friends easily?

ALL THE BEST FRIENDS !!



AN AFFILIATE OF PERSHING

Company's Name	:	Inautix
Nature of job	:	Software firm
Salary	:	3.3 LPA
Selection Process	:	Written test, GD, Interview
Bond Details	:	NIL
Students Placed	:	Kumarappan C 9566206294, Mahesh kumar, ECE -1, CSE-1, MIT-3ppl

WRITTEN TEST :

Based on their CGPA top 30 students were shortlisted for 1st round.

No. of questions : 50

Time : 50min

Test started at 9.30 am and goes on till 10.20am

General Aptitude and Verbal. Questions are not so tough.

Myself (kumarappan) and Mahesh came to know that we are shortlisted for written test by 9.00 am and 9.30 – 10.30 am we have Ansys end semester lab exam, we were in dilemma and finally decided to go ask permission from ma'am (Vasumati).

Ma'am reply " I will be here till 10.30 come before I leave and come and complete your exam "

With some confidence only me and Mahesh left the place and reached CUIC in Royal Enfield :P

We reached the place and started the exam and returned the question paper by 10.15 and ran from CUIC to department. We reached and started our end sem by 10.25. Mahesh completed by 10.35 and he went out. I came out by 10.40.

Once I came out, he grabbed my hand and started running (while running he told that we were shortlisted for GD and It started)

GD :

Without us GD started with 8 people in that batch and then we went and explained our situation to the company officials and after small discussion they allowed us to attend with the 2nd batch (10 ppl + myself & mahesh).

From first round totally 50 ppl were shortlisted for GD.

Moderators asked us to select the topic.

Mahesh initiated by “Effects of MEDIA on current generation “

Everyone was OK with it and moderators asked not to talk about Facebook, twitter etc..

Then we started our GD, went for around 10 min, everyone got their chance to tell what they had in their mind. At the end 10 seconds for everyone to conclude the discussion. It went good on the whole.

Results were announced once the GD



Name: N.Sakthivel

Company: Thermax

Date of Recruitment: Dec 4th 2014

Phone: 9789818540

Email: sakthii.vel5259@gmail.com

Hi friends, here I've shared my interview experience,

It is a one day process. First round – written test (Aptitude, verbal, logical, technical). Short listed students went for GD. The topic is joint family vs nuclear family. There is no elimination in GD. The final round is technical and hr interview. I am the first person went for interview. It was also a great advantage for me. There were 4 panel members. They started shooting the questions.

1. As usual they asked me to brief about me and my family background.

I introduce myself and told about my extra-curricular activities, strength, achievements, my areas of interest and my family background.

2. Sketch the rankine cycle.

I drew the T-S diagram and explained the process.

3. Difference between the vapour absorption and vapour compression cycle.

Vapour absorption system has two working fluids-refrigerant and absorbent whereas compression system has only one working fluid-refrigerant. The cop of the V.A.S is lower than the V.C.S. and I explained the parts and working with the block diagram.

4. Working of a thermal power plant

I explained that thermal power plant works on the basis of rankine cycle and explained the rankine cycle again.

5. How will u find the efficiency of a power plant

Turbine work is the output. Fuels used in the boiler is input. Input is the product of the mass of fuel used and the calorific value of that fuel. Efficiency is the ratio of output to input.

6. Difference between saturated and superheated steam

The complete phase change of the water from liquid state to vapour state is saturated steam. Steam which has diffused more vapour is superheated steam. In a unit volume, the mass of the superheated steam will be more than the saturated steam as it has more water vapour.

7. Purpose of superheating

As the superheated steam will contain more vapour, so the mass flow rate will be more. Hence the turbine work will be more.

8. Briefly explain the milling process

Milling is the machining process to improve the surface finish. And I explained the types such as face milling, side milling, up milling and down milling, Horizontal and vertical milling.

9. Difference between drilling and boring

Drilling is the cutting process which uses a drilling tool to make hole in the workpiece. Boring is used to enlarge the hole of known diameter.

10. Carbon percentage in steel

Low carbon steel: 0.05% to 0.3%C Medium carbon steel: 0.3% to 0.8%C High carbon steel: 0.8% to 1.5%C

11. Purpose of the addition of carbon in steel

If the percentage of carbon increases, it has the ability to make the steel harder and stronger.

12. Rapid prototyping- Give an overview

It is the newly emerging technique used to quickly fabricate the components using computer aided design and I told the various methods. And I briefly explained the LENS method (Laser Engineered Net Shaping).

13. Renewable energy and its advantages

Energy obtained from the natural resources. Types- solar, wind, biomass, geothermal.

Advantages:

Eco friendly

Little maintenance

Low operating cost

Then they started with HR questions

1. Do you have any restrictions to work in North India
2. Do you Know hindi
3. Are you ready to work in rural areas.
4. What do you think about management.
5. Troubles faced while doing project
6. What is your weakness
7. How was the written test
8. What rating out of 10 will you give us
9. Whether you have any questions to ask

What is the most challenging project you have done ever.

Tips:

For aptitude R.S.Agarwal is enough. For technical Khurmi and Gupta and GATE one mark questions.

Grammar is not so much important in GD. Be bold and confident in your points.

Try to answer all the questions in interview. If u don't know about that question, before saying I don't know try somewhat related to that question. But simply say I don't know. Be strong in your field of interest.

All the best guys.



Name	Arunkumar E
Mob	9500256192
Gmail	jfforarun@gmail.com
CTC	3 lpa during training, 3.5 lpa after training
Process	PPT, Written, GD, Interview
Other student(s) placed	Ranjith kumarK

Written:

It is the important section the placement. People who got 1st mark in written is almost placed if they are fit.

Don't neglect apps. R.S Agarwal is enough. Practice more.

Give importance to all sections. Split the time given and do accordingly.

For technical you have to go through the basics of entire mechanical subjects.

P.S- Don't study RS Khurmi if you want a good technical job. All core company do not provide technical job.

GD:

Be bold enough and don't start first if you are weak in English.

First impression is best so While speaking for first time create a significant mark to the panel.

Don't dominate. Be frank and don't repeat same point.

My GD topic: Company Success lies in Technology or People

Rapid prototyping knowledge helped me a lot with practical knowledge.

Interview:

If you want a real technical job profile, you should be very thorough in your Basics of mechanical especially FM, Heat transfer, TD, all manu process, Kinematics.

Be very thorough in your area of interest.

Be truthful not frank.

Be bold.

Answer calmly don't be nervous.

Say Don't know directly if you didn't know even 1 percent if answer. If you know partially tell them that this much I know.

My interview Questions which I remember:

- Tell me about yourself. Didn't say much. So they asked individually about my background. I said frank answers.
- Area of interest. RP. They asked some technical questions in RP. Process flow in RP.
- Area of interest. HMT. They didn't know this much.
- Area of interest. FM. They asked practical questions about thin cylinder.
- Area of interest. Vibrations. Asked vibration problem in ANSYS software.
- About CATIA

They then entered the Manufacturing questions:

Types of Gears and their application.

Theory of metal cutting. Rake angle with application.

Merchant circle with proper explanation.

1st angle and 3rd angle projection.

They really impressed with my answers since I answered all to my level even though it is out of my area of interest.

P.S. I have large beard and they asked why?

I said that its my way of life.

They really wondered with my confidence and congratulated me.

So appearance never matters. Honesty is important.

Then they politely said that we have to interview others also.. So We will finish. I said thank you with full confidence.

Don't s:

- Dont discuss with previously interviewed students.
- Don't leave the interview without asking any question. For this listen the PPT well.
- Don't loose ur confidence at any cost.
- Speak with same modulation till the end of interview.
- Don't look for salary if the job profile suits you.
- Don't feel if not placed.

All the Best!!!! Thanks to almighty.

2) NAME	Ranjithkumar. K
ROLL NO	2011111139
BATCH	“CD”
CONTACT NO	+91-9789253251
E-MAIL ID	ranjith.mech1993@gmail.com
COMPANY’S NAME	Rane Group
CTC	3 LPA
DEPARTMENTS INCLUDED	Mechanical, Automobile, Manufacturing, Production
SELECTION PROCESS	Written (Technical & Aptitude), GD (No Elimination), Interview
BOND DETAILS	No Bond
ELIGIBILITY CRITERIA	7 above, No History of Arrears
DATE OF VISIT	10.12.2014
STUDENTS PLACED	Ranjithkumar. K – 9789253251 Arun Kumar. E - 9500256192

Placement Process:

RANE placement process in our college is given in the following way.

1. Preplacement Talk
2. Written Test (Aptitude and Technical)
3. Group Discussion
4. Interview

Preplacement Talk:

PPT was start by 9 am sharp. It was given by Company HR team. In this process they told about the overview of the company, products, plants, training methodology and compensation amount for the employees (CTC). I went through the company website the day before interview to know the complete company prospects to raise question in the PPT. At every PPTs company people expect lots of question from us. Asking questions will create a good impression in the minds of company people. They expect students to have knowledge on their own company from origin to revenue details. Likewise in RANE too they asked any questions, I raised a query from their slide itself and few other people asked questions.

“Important note for RANE: They were very much concentrated on the punctuality of the students. Even 5 minutes late was intolerable”

Written Test:

Written test consist of both technical and aptitude. Nearly 50 questions were given. From that they shortlisted around 11 students from Mechanical Engineering. In my preparation, I practiced aptitude in R.S. Agarwal and Indiabix website. For technical, I went through Mechanical Engineering Questions by R.S. Khurmi and the introductory pages of various text books.

Group Discussion:

Before start of the GD, they informed us that there would be no elimination. The topic was ***“Business success lies in Technology or People”***. In my group there were around 10 students. They separated us in the GD and told 4 students have to support ***People*** and 6 students have to support ***technology***. My task was to support People. Though we had minimal points to speak, I told the points whatever came to my mind at that time. Though there was no elimination in the GD, they considered it for the final selection.

Interview:

This was my third interview after L&T Construction and Thermax. L&T Construction was the second core company which came for placements. I made a big mistake by not preparing well in both Technical and HR aspects. Result for that company was not announced till the end of this May. In Thermax, I rectified my mistake but while the company people asked question, I was bit nervous and couldn't answer for the known questions also. I realized a lot after Thermax interview.

Around 20 students called for the interview. There were three interview panels. Five automobile students went inside my panel. I went inside after 30 minutes of waiting. I prepared very well for the interview this time. I just entered the interview room and greeted them. There were three panel members. I saw them in the Pre placement talk. At that time, they introduced themselves as they were coming from Rane TRW Steering Systems. My interview went for nearly 45 minutes.

1. Tell me about yourself

You have to tell about your family, schoolings, extracurricular activities, achievements in any field, area of interest, project, strength, weakness and hobbies.

2. Whether you will work anywhere in India

Most of the companies will ask this question. You have to say YES to get a job.

3. Do you have any plans to go to higher studies?

This is also a familiar question in all interviews. Tell NO and tell you were eager to work in a company to enrich your practical skills. Also don't tell them you wanted to be an entrepreneur. They won't select those candidates.

4. They enquired about my extra-curricular activities?

Prepare well in all the activities you have done in college and other places.

5. What do you think about car?

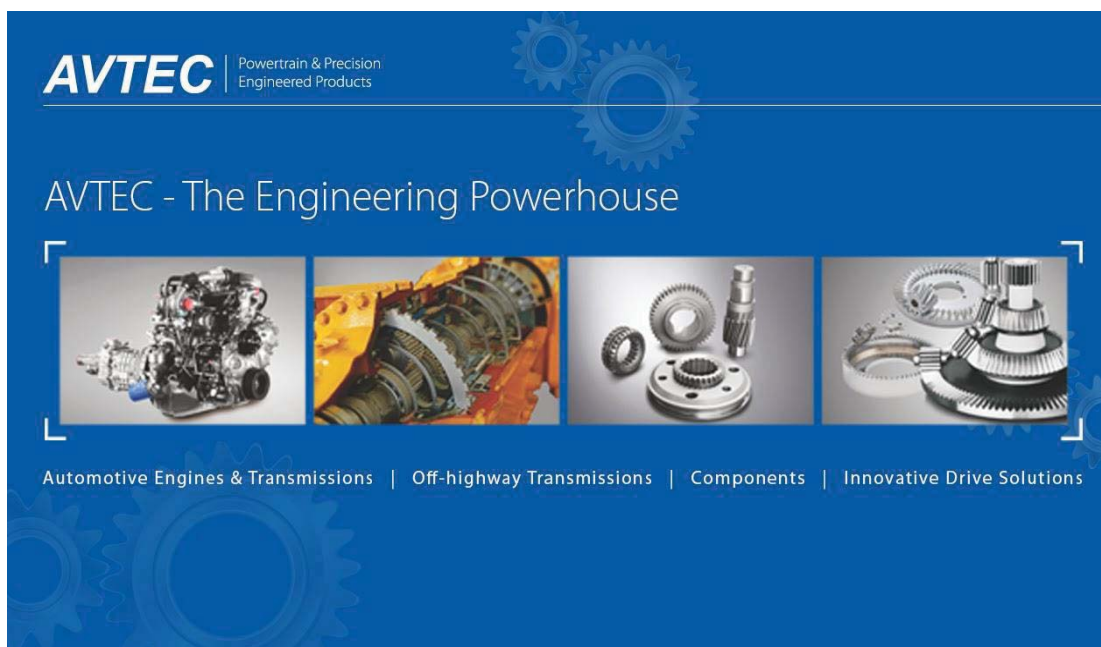
My friend Santhosh Raja, who went for FORD Placements also encountered this question. I asked him what he told that time. His answer was "Car is not a simple machine. Like human being, engine has suction of air, working with air and removal of air". He placed in FORD, so was I in RANE.

6. What is the speed, feed, depth of cut in lathe machines?

7. Basic questions from thermodynamics, strength of materials, casting.

8. Explain your project

Everyone have your own day. Prepare well in advance and wait for the day. All the best ☺



NAME	SIDDHARTH. K
ROLL NO	2011111149
BATCH	“CD“
CONTACT NO	+91-9445687805
E-MAIL ID	ksiddharth1994@yahoo.com
COMPANY'S NAME	AVTEC LTD (C.K. BIRLA GROUP)
JOB PORTFOLIO	GET – 1 year Training (Graduate Engineer Trainee)
CTC	4.5 LPA
SELECTION PROCESS	Written (Technical & Aptitude), GD, Interview
BOND DETAILS	One Year
ELIGIBILITY CRITERIA	6 above
DATE OF VISIT	11.12.2014
STUDENTS PLACED	VIGNESH KUMAR: +91-9566028146 VEERAPAN : +91-8344233474 SIDDHARTH.K : +91-9445687805

The first important step I took was to do a thorough study of the company. I visited the company's website and got to know about the company's history, their products, collaborations, turnover, and technologies.

Although most of this part is covered in the Pre-Placement talk, a few things can be known only if we visit the company's website.

Pre-Placement Talk:

CUIC informed all the students eligible to be present at the venue sharp by 8.30 AM. The executives from the company were on time. Being on time at the venue creates a good impression upon us. The company people were so friendly and started the session by greeting us warmly. Then they gave an overview of their company through a video. The video gave a clear idea of the company, various

plants and the products they make. It was a 10 minute video. After that, they asked the students if they had any queries. It is important to raise relevant questions to the executives. This will be possible only if we have a thorough knowledge of the company. Immediately the students were asked to get ready for the written test.

Written Test:

The written test consisted of totally 70 questions of two sections namely Technical (50) and Aptitude (20). The total time given was around one hour. It is important to have a cool mindset before writing the written exam. This is a very important round because once we clear this round; it will give us a big relief and raise our confidence level. If we aren't sure of a particular question, it is better to go the next question and come back later. The best technique to crack a question is by the process of elimination. The questions in Technical included from various topics like Fits and Tolerances, Design of Machine elements, Thermodynamics, IC engines, Gas Turbines, SOM, DOM etc. Most of the questions were straight forward and easy. A few questions were moderate level. Overall, it was an easy test. Books like Mechanical Engineering (Conventional and Objective Type) by R.S.Khurmi will help us a lot in knowing the basic concepts and is exclusively a masterpiece for placements. Aptitude was much easier compared to Technical. Even without proper preparation, it was achievable to crack all the questions. Topics were from Time and distance, Time and Work, Profit and Loss, Simple and Compound Interest, Sequence and Series, Number Systems etc. Quantitative Aptitude by R.S.Agarwal will be the best book for clearing the Aptitude. After writing the written, we were asked to wait for ten minutes for the announcement of the shortlisted students for the next round. So, after 10 minutes and officials came and announced the results of the first round.

Group Discussion:

The officials shortlisted 24 students from 70 students, who wrote the written round, for the next round. My name was the first to be called among the shortlisted students and the officials told us to get ready immediately for the second round, i.e. Group Discussion. My confidence level raised and I had a mental setup of presenting myself during the GD before it was about to happen. There were totally three GD groups, each of 8 participants and I was in the first group. So our group was called. We greeted the officials once we entered the room. The officials were so friendly and asked any one of us to pick a lot which decided the topic for us. I volunteered and picked one from the lot. So the topic for us was

“Mobile Networking – Advantage or Disadvantage?”

A time of 15 minutes was given to us and we were provided with a paper. Immediately they told us to start. For a few seconds no one spoke. So, I initiated the GD session by greeting everyone and spoke for the topic. My statement set the platform for further discussion by all the participants. Then, I listened to the points raised by each and every participant noted their points. This helped me to add on to more strong and relevant points. Everyone in our group spoke really well, they gave space for others to talk. So, when I had a feeling that we all were

exhausted of more points to speak, I concluded the session by giving a relevant conclusion. Then, we were asked to wait till the other groups finished their session. Then after sometime, the officials came and announced the results. Again, my name was first on the list. They shortlisted a total of 13 students from 24 students, who attended the GD, to the Interview. I was the first student to attend the interview.

TIPS for GD:

- Once the topic is given, have a mental setup of the topic. Try to relate the topic to the recent trends, happenings around the world etc.
- Have a good body language. Try to greet the officials with a simple smile.
- Once the GD is started, don't look at the officials. Your eye contact should be towards your fellow participants.
- Play around with a cool attitude. This is a GD, not a debate. You need not be aggressive. You should be relevant and precise.
- Giving others a chance to speak is really important, because it helps the officials to know that you can work effectively in a team.
- Initiating the GD is a skill, but don't worry if you haven't initiated. Once the GD starts, listen very carefully to the views of each and every participant. So, even if you don't know much about the topic, their points will help you to add a few points on your own.
- Illustrations work greatly. This is because illustrations help to communicate your view effectively to the viewers.
- Once, the officials tell us to start, they mean it. If we don't start immediately, there is a probability of eliminating the whole group. So it is always important to start a GD immediately.
- Speaking the same points again and again will make the GD boring and create an average impact upon the group. So, once you feel all are exhausted of points, conclude it immediately. Concluding a GD is also really important, because that actually gives the outcome of the GD.

INTERVIEW:

Before entering the Interview room, I was asked to fill a form, produce a photocopy of my 10th, 12th and University mark sheets. Luckily I had attested copies of all these mark sheets. Then, I entered the Interview room. There were 2 panel members, one was HR and one was technical Interviewer. I greeted both the officials with a smile, shook hands with them and asked them whether I am allowed to take my seat. They allowed me to take my seat with a smile. Then the HR asked me about my family, schooling and my hobbies. I told about my whole life, schooling, and my mother tongue and told my hobbies as Singing, Playing my Guitar and Playing Cricket. Immediately HR asked me, "What is the score of Australia in the Adelaide Test?" Luckily, because I study newspapers daily and follow cricket, I answered it. Then they asked me about my Internship experience at Ashok Leyland, which I mentioned in my Resume. I told them what all I learnt from the entire Internship. I told them about Engine Assembly and Dismantle. Then, the panel asked me about the various parts of an engine.

I told them about the various parts precisely. The next question raised by them was, “What are the functions of Flywheel?” I told them the various functions and also drew the top, front and side view of a Flywheel. Then the panel asked me, “How does a Flywheel reduce the fluctuations in speed?” This was a tricky question. I couldn’t come up with an exact answer but could partially answer it. Then I asked the panel for the exact answer. They explained me in detail and I thanked them. Then the panel asked me “What does Ashok Leyland do and what is the horsepower of a Leyland Commercial Vehicle? I told them the precise answers and then I became more comfortable and confident. Then, they asked me about my Area of Interest and I told IC engines. They raised a few questions like “What is the difference between Two Stroke and Four Stroke engine?”, “Which has a better emission control? And Why?”, “What is an Internal Combustion Engine and why it is called so?”, “What is a rich and lean mixture? Stoichiometric ratio?”, “What is the Efficiency of a Diesel Engine?”, “What is Detonation? What is smoke and how it is produced?” They even asked me to write the various reactions relating to various emissions in an engine.

I answered almost all these answers precisely and spontaneously. Then the HR asked me if I had any plans of higher studies. I told him that I had plans three Months Ago, but after Modi’s Wave in INDIA, our country has the best Job opportunities and is currently the best place to work. So, I told them I would definitely work in INDIA. They asked me if I was comfortable working anywhere in India. I replied them that I am good in Hindi and English and also that I want to explore myself by working in different places in the country. The panel also asked me if I knew anything about their firm. I told them many things about the firm apart from the things the panel spoke during the pre-placement talk. I also told them about my virtues and my active participation and help in many NGO activities. Finally, the panel asked me if I had any queries to them. I asked them about my responsibilities in the firm after my training period and also asked if they had any fun activities other than work. Overall it was a fun interview and a great learning experience. Before leaving the room, I thanked them and I told them that I learnt a lot of things from them through this Interview. I greeted them and left the hall. In the evening at 5.30 pm, after the whole process was over and the panel announced the results. Three members were selected by them among 13 students interviewed. This was possible because of the encouragement given by my parents, professors and friends.

TIPS for INTERVIEW:

- Before entering the Interview hall, check whether you have all the necessary certificates, resume, attested photocopies of mark sheets, passport size photos etc.
- Be cool. Think you are the best at what you do. Motivate yourself. Before entering the hall, either knock the door or ask for the panel’s permission and enter the room. Once you enter the room, greet the panel with a good smile.
- Ask the panel’s permission before you take a seat.

The first question any interviewer asks is “TELL ME ABOUT YOURSELF”. For this I would suggest you all to practise in front of a mirror. This is a very important thing because it sets the tone of the further interview process.

- Know your facts. You can't just bluff whatever you know to the interviewer. The interviewer knows answers to all the questions he raises. You should know each and every point thoroughly, that you fill in your resume. If you don't know the answer for a question, either say frankly that you don't know or atleast relate your answer as close as possible to the exact answer.
 - Be frank always. If you aren't frank, he panel will easily figure out that you are lying. That will create a bad impression upon you. So try to be frank at all the time.
 - Be creative and spontaneous. Spontaneous and different, but relevant answers always project you positively from a group of people.
- All the very best to all my friends and juniors. I hope this helps you during your interview process.

“DO YOUR BEST AND LEAVE THE REST”

“IF YOUR TARGET IS 10TH MILE, AIM FOR THE 11TH MILE”



PLACEMENT EXPERIENCE: ARUN.Y

COMPANYNAME:**AIRWATCH
TECHNOLOGIES,BANGALORE(SOFTWARE)**

PACKAGE: 4.5 LAKHS/ ANNUM

SELECTION PROCESS: ONLINE TEST, GD AND INTERVIEW

DATE: DEC 15,2014

Contact no: 9865903682

Other Students placed : VENKATESAN.P(7598849750) AND OTHER DEPT STUDENTS

This company is a developer of mobile applications for platforms like windows,ios,android etc. Attend this only if you are interested in coding.

I decided to attend this as soon as i saw its job profile (which was posted by PR) since i was interested in mobile applications.

Job profile:

- * Build innovative mobile device management software using the latest Microsoft technologies.
- * Design and develop applications on various mobile operating systems including Apple iOS, Android, Windows.
- * Work alongside product management to translate business requirements into technical designs and release plans.
- * Work in an Agile environment to design and build applications across multiple platforms.
- * Play a critical role in building the components of a reusable object service-oriented architecture (SOA), including n-tier design and web services.

This is almost my 20th company and i never lost hope. So,keep on trying if u want a job because u never knw which day is yours.

The process:

1st round: 10 aptitude + 10 programs(can be written in any language)

I did almost all the aptitude questions right. But i tried only 2 programs which even were not right. But 3 of us from mechanical got selected to the next level unexpectedly.

2nd round is a series of interviews.

I was asked to solve 6 aptitude and logical reasoning questions. I got 5 right. Another HR tested my programming logical skills which i didnt do well. But i expressed my interest towards android to him. So, he was contented and let me to the next level. Another HR asked few basic questions about firewall, networking etc which i answered with the knowledge i got when i rooted my mobile. And i told him i had installed custom OS and wanted to learn android coding. He was quite impressed with it and let me to the next level.

The next HR asked me to solve 3 apti questions and i did. Asked some technical questions like bernoulli's principle which i explained with ease. Then,he was impressed with my other skills which i mentioned in my resume. So,he selected me and passed me on to the next level which is a formality interview with the senior HR.

Tips to juniors:

- Try to showcase all your related skills in your resume
- Update your resume and dont change it for the sake of a company
- Try to conduct mock GD in hostel
- Help your friends if you get placed
- Dont give up until the last
- Suggested websites to learn technical: hyperphysics(for basics),howstuffworks,mechanicalengineeringblogspot,carbible etc.

All the best my juniors.



Name : **ABDUL RIYAZ M B**
Roll No : **2010111147**
Dep : **MECHANICAL 'CD' BATCH**
E-mail : cegriyaz@gmail.com
Mobile : **+91-9043959379**
Company : **Tata VOLTAS**

Hello. The company which recruited me is Tata VOLTAS. The date of visit of the company happened on January 6, 2015. Voltas being a reputed brand for air-conditioners and refrigerators in India is a senior company and was well known to the habitants of India. Actually I was so fed up with companies because of the tight schedule that happened in seventh semester. I was not that bad in aptitude which made me clear the first round in many companies. The first company which we attended is L&T Mumbai. The aptitude was so tough and I was not able to clear. This drove me to practise aptitude and in the very next company L&T ECC I was able to clear the aptitude section. We had a direct technical round in L&T ECC, and at that point of time I was not that good in technical subjects. Though I added strength of materials, thermodynamics and heat treatment of metals as my areas of interest I was not that deep in it. So guys out of these three subjects the blunder which I did was mentioning Thermodynamics. Being just an abecedarian in thermo I was not able to manage the questions posted to me. So I recommend not to add such hectic subjects as areas of interest. Be short and precise in your resumes and in most of the companies resume was dormant.

So as companies came it really added pressure and at some time I felt this is the most hectic semester I came through. For every company it became a routine to glance the aptitude, technical because I was not that good with my memory power. Fiat Chrysler is one such company which gave me a good confidence. The aptitude round was so tough but I managed to do around 35 questions out of

50. Only around ten people cleared the first round from mechanical and luckily I was also one among them. Group discussion happened and it was a ruckus. The topic given was 'Effect of Movies on youth' and there was around 15 candidates. I got a chance to speak twice and I was totally against movies in the discussion. I was short listed for technical round and it happened with one HR and two technical team member in CUIC. At that course of time, I added AIR-CONDITIONING AND REFRIGERATION as my areas of interest as it correlated with my project which I was doing that time. They asked the working of refrigeration cycle and some questions in strength of materials. I performed very well and the major blunder which I did was explaining about my break off study during my academic course due to health reason. This made them wait-list me and my friend Srinath and they selected four people from automobile department. Though it made my collars hot, I got a super confidence and was obviously waiting for a HVAC (Heating, Ventilation and Air- Conditioning) company.

Seventh semester is all done and companies like Thermax, Rane Group, Caterpillar visited the campus. New Year was born and I was expecting a good year ahead. Obviously this happened as the first company of the year 2015 happened to be VOLTAS. I was so over-whelmed when the schedule was published and sincerely started preparing for the company three days before. I glanced through thermodynamic basics, Heat and Mass Transfer basics and some SOM. Youtube videos really helped which gave me a visual image of A/C mechanism. I explained the same to my friends the day before the company. Myself and two of my project mates attended Voltas and was very eager atleast two from the three should get selected. After PPT, it was very clear that they wanted to hire students for Projects and not for products. Getting placed is the main criteria at that time and we did our first technical round and the questions was fully focussed on A/C and refrigeration and some thermodynamics. And many people from mechanical cleared the first round and luckily we three(project mates) got selected. Group discussion topic given to us was 'Effect of companies on Global Warming'. This time the group discussion was so professional because of the past experience:P. We spoke well and gave chances to others and it happened to be like a team work. I added some words like GLOBAL WARMING POTENTIAL (GWP) and OZONE DEPLETION POTENTIAL (ODP) of refrigerants which impressed the judges. Among we three, two got shortlisted and also a bunch of my other friends got selected for technical round. Technical round happened with three HR's in a single room and a mix of students from Chemical Engg, Mechanical Engg and M.E students was interviewed by the same team. I was around the last five to be interviewed. I went in around 7:00 p.m. I was very cool and confident when I entered the room.

INTERVIEW SCENE:

I greeted them good evening and went in. I was so brisk and I didn't show my tiredness to them. I kept myself jovial and had a sharp eye contact. The interview scene is as follows:

Interviewer : Are you willing to work anywhere in India?

Myself : Yes sir, obviously. I'm ready to do it.

Interviewer : You mentioned Air-conditioning and Refrigeration as areas of interest, have you studied any subject related to this?

Myself : Yes sir. We took this subject as an elective this semester and we just started with the same. Moreover I was doing a project on refrigeration and so that made to mention this as my areas of interest.

Interviewer : Oh that's good. Can me explain your project?

Myself : Our project is on FREEZE DESALINATION(I used the paper and pen to draw the setup and explained everything right from its merits, why this technique, results, upcoming plan for around 10 minutes)

Interviewer : Can you explain me the Refrigeration cycle?

Myself : Paper-pen work and I felt it was a pure book-stuff. I really felt thanks to the one who uploaded the working of refrigeration cycle in Youtube. I added lot of detailed facts and that wooed them. It took ten minutes again and I was in a rush so that I explain them whatever I know.

Interviewer : Can you explain me the difference between AC and refrigeration cycle?

Myself : Again thanks to Youtube video and I explained the exact difference for around a minute. I used a word psychrometry while explaining this question.

Interviewer : What to do you know about psychrometry?

Myself : I will draw and explain you sir.

Interviewer : No. what are the terms available in that chart. Can you write and show me?

Myself : I wrote everything from that chart and this time thanks to last night preparation is what I felt. Absolute humidity, Relative humidity, wet-bulb temperature, dry-bulb temperature and before I explain they stopped me.

Interviewer : Do you know the other name of Wet-bulb temperature?

Myself : No sir. I don't remember (Actually I studied that it was dew point temperature, but I don't know what happened at that moment, I said don't know sir)

Interviewer : Do you have any idea what optimum Relative humidity should be for a conditioned space?

Myself : I said 57 % sir (The reason why I said this was of the text book which I glanced. There was a problem to find R.H and the answer was 57%. That flashed in

my mind and I said the exact figure to them) Interviewer : Ok good. Do you have any questions to ask us?

Myself : Yes sir, I remember my old days when my dad bought the first refrigerator for my home and it was Voltas brand. It worked well till my higher school days and when it was time to buy a new one there was no brand Voltas in refrigerators. Why is it sir?

Interviewer : Yeah. It is because we are not satisfied with the profit which they fetched. So we are now mainly concentrating on air conditioning. Ok thank you. All the best for your future..

Myself : Thank you sir. I was so eager to work in your company sir. (I added this because that will give them the confidence that I will be joining them to work. Also I heard the same words 'All the best for future' from many interviewers and they I never got selected. I was in dilemma when I stepped out of the room but was also confident on the other hand that

I did well this time and it is time to break the jinx.)

And my other project mate Imthiyas went in and his interview happened for twenty five minutes. He was also satisfied with his performance and my other friend Vinodh Kumar went it and he also did well. The results were announced and they selected Vinodh kumar, myself, a M.E student, and two chemical guys. They asked to visit the company tomorrow for further process. I don't know how to react at that moment and was also a bit upset for my project mate. I saw my P.R Ranjith kumar so happy with our performance.

I want to add something more. Next day we went to company and they cross checked us. They read the name Mohamed Imthiyas and they said where is he? I said but yesterday you didn't read out his name. After regret they confirmed that he is also a selected candidate. I was double happy and I felt so happy for my team mate.....

Okay a big history right. So juniors I will give you some tips which I discovered and implemented in myself.

Some useful points to note:

1. Be confident and always hope something big is waiting.
2. Please learn your aptitude and have a small hand out of the formulas to revise.
3. For technical, it is obvious that you should know some basics of all subjects. I never referred khurmi book for technical but it was the group preparation which helped to gain technical facts. So always prefer a group study so that you will get to know from others.
4. Plan your day and work on what you know first. Learning new stuffs always won't help you.
5. Please spare ten minutes for news-paper everyday. Talk about national topics, sports, trending news with friends and keep updated what is happening in our country. This will help a lot in group discussion and also conduct group discussions in hostel so that your friends recognise your mistake and rectify them.
6. Be bold to express yourself. English is just a language. Read English newspapers daily and if you find it difficult ask your friends to assist you in speaking good English. Learn some new and trendy words and maintain your own style. Mainly interviewers check for your boldness and they won't check your grammar. The more simple way to learn English is to have friendship with NRI guy and hang out with his gang. Grasp from them:P
7. Don't envy. Be happy for your friends if they got placed and ask them to help you in placements. A good heart is very essential to achieve in life. I have seen lot of arguments, misunderstandings during placement scenario. But never do that. Be patient and believe in yourself and eagerly wait for your day.
8. Add an extra effort for your preparation. This sounds nerdy, but this is the platform to show. Accept failures and make sure you learn something from it. Never hesitate to sit for preparation and at the same time give some time for your friends, chats, outings and other stuffs.
9. If you got placed, help your friends. Teach them what you know. Motivate them and make them confident.
10. In interviews give answers very precisely and always be cool or atleast try to act cool. They will be noticing A to Z right from our behaviour, our tendency to handle pressure, our body language, eye contact and lots more. Be cool and never be nervous. For eg, if they ask you to draw something on a paper, don't be in a hurry burry and scribble on paper. Instead take out your pen and draw the figures

so neatly and use the paper efficiently. They will wait for your answer and never rush as if the sky is gonna fall down in some time. If you don't know anything , just notify them that you don't know and tell them but I will give a try. Try something related and if you don't know ask them. If they are good enough, they will explain or else convey them that you will learn it after interview. Never loose talk in interviews, be precise and up to the point. Greet them when you leave the hall and always end the conversation with a good question about their company. So it is essential to read the website or atleast ask nerdy people who read it and prepare a question to shoot at them.

Huh that's it. The final year will be quiet hectic until placement is done. Till then never loose hope. I'm sure that you will learning what patience is at the end of the day. Never ever give up and always sleep with satisfaction and wake up with perseverance. All the very best for your future success and always believe that sky is the limit. Reach great pinnacle and give back something to CEG. Take care. Buby.

Never hesitate to contact me for any queries and doubts. I will be active in Whatsapp.



Name : S. Mohammed Jaheer
Roll No. : 2011111038
Mobile No : 9677268279
Mail id : smj.jaheers123@gmail.com
Company : TITAN PRECISION ENGINEERING Criteria :
7.5 above and no current arrear
CTC : 4.7 lpa

First of all I want to tell everyone that I almost lost faith in placements after being rejected in many companies and also many companies had the eligibility criteria as no history of arrears, because of that, I was not able to attend many companies. Then some of my friends motivated and I started preparing after that. You don't do the same mistake as I did. Believe in yourself and keep trying and one day your hard work will be rewarded.

Coming to the selection process, it was a 2 day process. First day we had online test and next day was the Group discussion and Technical and HR Interview.

Online Test:

The Online test consisted of three sections namely Aptitude, Logical and Vocabulary. There was no technical part in the online test. Online test can be cleared only with practice. Aptitude may seem easy but time consumption is very important in that case. I prepared aptitude in Agarwal book and in indiabix.com. Take online aptitude test often which will give practise to manage time. In most cases vocabulary will be simple and we can answer it very easily. Same applies to logical thinking too.

Start preparing little early and practise as much as u can to get through the online test. In many companies technical part also will be there in online/written test so concentrate on that too.

Group Discussion:

The next day results were announced after the PPT process and they selected 8 persons from Mechanical and 7 from EEE for the GD process. All 15 were in a single group and the topic they gave us was ***“Is it Hard work or Intelligence that brings success”***. We were given 2-3 minutes to think and write down the points we were going to talk and everyone started writing their points. They told to begin the discussion and someone started the discussion. I spoke 3rd in the discussion supporting hard work and I spoke around 4 times. They gave 15 mins time and they told that each person should come out with conclusion and all did the same.

Some Tips:

- ▯ Try to initiate the discussion and conclude too if possible.
- ▯ If you can't do both speak 3-4 good and valued points.
- ▯ Try to think instantly rather than writing down points at the beginning.
- ▯ If u choose a side don't change it till the end.
- ▯ Give examples wherever you can.
- ▯ While speaking make eye contact with the persons in your group and not the one who is assessing you.
- ▯ Have a good seating posture and have a confident look.
- ▯ Be brave to express your views. You are discussing with your friends so don't fear.
- ▯ Work upon your communication skills.

Interview:

After the Group Discussion process 3 from Mechanical and 2 from EEE were shortlisted for the Interview process. I was the last one to go inside for the interview. I went in and wished the panel members and gave my resume and sat in my place. There were 3 panel members. Following questions were asked to me during the interview process.

1. Tell me about yourself.

I told them briefly about me, why I chose Mechanical, my hobbies, my interest and my strengths and weakness.

2. Tell me about your parents.

I told about my Father's work, what I have learnt from him, my mother and how she cares for me.

3. Then they asked, you got 92% in 10th, 96% in 12th, but why you have got only 7.9 in BE?

I told them that schools train students to get high marks and its easy to get above

90% in schools and also in college I got above 8 in most of the semester only in 2 and 3 semester my GPA went down. After I told this they asked my mark sheet and checked my GPA. After 3rd sem my GPA increased constantly so they were fine about that.

4. **What are the various manufacturing process you know?**
5. **What is a lathe?**
6. **What are the parts in a lathe?**
7. **What is chuck? What are its types?**
8. **Why is tail stock needed?**
9. **How does lathe work?**
10. **How do you change the speed in lathe?**
11. **What is a bearing? Name its types.**
12. **What is tolerance?**
13. **Types of fit. Draw and explain**
14. **Draw simply supported beam.**
15. **He gave a force on the beam and told to draw SF and BM diagram.**
16. **Equation on how to find that force**
17. **Draw the sectional view of bottle cap.**
(I drew the threads wrongly and he asked me what did I learn in engineering, you don't even know to draw a thread. How do you tell that you are an engineer if you don't even know to draw a thread correctly. These type of questions were asked to just tense you and see your reaction. I just told them I will learn how to draw correctly)
18. **What is 6 sigma?**
19. **Why should you follow 6 sigma?**

Then I thanked them and left the room. After some time they announced the results and 1 from mechanical and 1 from EEE was selected.

Some tips:

- ▯ Have a good body language and be confident
- ▯ If you don't know a particular answer admit that you don't know it
- ▯ Be ready to answer questions from outside your area of interest
- ▯ Wherever possible draw and explain
- ▯ Make eye contact when speaking
- ▯ Don't get tensed during the interview, be cool
- ▯ If they ask you to ask some questions ask something related to the job or company.

ALL THE BEST GUYS. DON'T LOOSE HOPE. TRY AND WORK HARD AND YOU WILL SUCCEED ONE DAY.



Placement experience by Vijayaraj Ramakrishnan

Company's Name: Chain Sys India Pvt Ltd.

Nature of job: IT

Salary: 15000 per Month

Selection Process: 1. Written test.

2. Group Discussion.

3. Technical Interview.

4. HR. Interview.

Bond details: 5 years

Eligibility criteria: 6 above (two current arrear allowed)

Date: March-2015

Students placed: Vijayaraj Ramakrishnan & Seenivasan.T

Contact No: +91 7200 470 472 (contact via what's app)

E-mail ID: vijayaveeraa2012@gmail.com

FB NAME: Vijayaraj Ramakrishnan

Chain sys is Oracle Platinum Partner Company which means the company develops software with advanced programming language like oracle ADF. And it's new growing technology it differs from other IT companies.

MY EXPERIENCE:

Hi juniors,

Serious advice for juniors don't stuck on I go only core job. My batch mates are felt "I missed IT companies" end of the college. At least make a backup.

I faced many problems in placement, I attend few companies only.

1. Written Test:

I clear written very easily this is 6th Written cleared.

They asked simple aptitude questions. (Go through r.s.agrawal for quants, many people think that aptitude means quantitative not like that app include verbal and non-verbal also).

2013-14

SOURCE

Saravanan A

Placement Representative

9159040757

1) HYUNDAI

Ashok.K.S interview experience :

GD topic : ways to deal with high oil price in India

1.Tell me about yourself

They asked me to talk about my academic life .

2.Why have you put this as your field of interest (Engineering material,casting and heat treatment)

I narrated few childhood incidents which had an effect on my choice.

3.Will you go for higher studies?

I may get a different perspective about a course after joining the industry after working for few years I will go for higher studies through Hyundai Employee Scheme.

4.How to create vacuum in throat of an nozzle ?(Bernoulli equation)

I gave a practical demo that explains Bernoulli principle.By increasing the velocity ,pressure can be reduced.

5.What are the materials used in car manufacturing?

I didn't tell about material used in car instead I spoke about alloy wheels.

6. What are the manufacturing process involved in car manufacturing?

Sheet metal working, Welding and Joining process.

7. How will you reduce the drag in a car, if i put u as a design engineer?

I drew a diagram to show how drag varies according to shape and told them I will include some curves like u have in your fluidic versions to aid smooth air flow.

8. Tell me about the mechanical process you saw in TNPL (My in plant training)

I told them about the bagasse shredding, giant rollers and conveyors I saw there.

9. What did you do in your ANSYS CFD project?

My project was simulating air flow pattern across sky scrapers .I explained it

and concluded saying small buildings behind sky scrapers will be having ventilation problems.

10. What is Friction stir processing?(my project) I explained my project.

11. What are ways to see the crystal structures of a metal?

By using Electron Scan Microscope.

12. They asked me to draw iron carbon diagram and TTT diagram

13. What type of welding is used in car manufacturing? MIG Metal In Gas welding.

14. Explain about ABS (Anti-lock Braking System) with EBDS(Electronic Brake force Distribution system.(My seminar topic) I explain it clearly

15. What is the thermodynamic cycle on which Power plant is working?(they asked me to draw it) Rankine cycle

16. What is the type of boiler which u have seen during the power plant visit?

I told coal fired boiler, I should have told water tube boiler: P

17. They gave me a situation: If we ask you to buy a tool for CNC machine what will you do?

My answer: It depends on what material we are dealing with, type of manufacturing process involved and other such criteria.(they asked me how good am I in CNC coding)

18. What are the various types of turbines? Impulse and Reaction turbine.

19. Differences between impulse and reaction turbine.

Impulse has high head and low discharge –Reaction has low head and large discharge.

20. Where do we use impulse turbine? Hydro power generation

21. What is meant by Just In Time production? I explained

22. What is meant by inspection? i told them that inspection refers to checking for dimensional accuracy.

23. What is meant by quality control?

Checking whether the produced product will please the customer or not.

24. How are they both different ?

We can produce a wrong product to the exact dimension but I will not be a quality product if it does not please the customer.

25. What is the section where u want to work in Hyundai? Shop floor.

26. A small talk about my NCC experience. About my naval engineering college visit.

27. Do u think trade union is important? Why?

Yes, the employee's welfare is important. We should have somebody to address their demands and suggestions.

28. Name any one trade union in TamilNadu.

I said I don't know. They asked me "Don't you read newspapers". I replied saying that we read lots of news sir I didn't have anything to do with trade union till now, next time if I happen to see any such name I will Remember it for sure.

29. You told us you will pursue your higher studies using Hyundai employee Scheme, what will be your mental state if you are not getting it?

I believe that learning need not be from educational institutions alone, if I can learn and improve my skill sets from here itself i will be satisfied.

30. Why is your CGPA (8.2) very low as compared to your school performance (97%)?

In my school days I had no other work than studying, here I interact with lot of people and I am exploring different opportunities that may be the reason sir

31. Why do we do heat treatment? Explained the answer

32. Explain Normalizing and annealing, state the difference between them. Explained the answer

33. Do u have any questions for us ?

Will I be allowed to work in other areas of Hyundai like marketing, sales in the long run or will I be in the same stream?

2) THERMAX

Shesha Balaji – 9597120988

Hye friendz, I wud like to share my interview experience with yu al...

Firstly, the panel members started with their usual question, 'Could yu just elaborate about yourself?

I introduced myself, tld about my family, my schooling, bout coll, my part in NSS as General Secretary and also my role played in Kurukshetra (Human Resource, Marketing, Logistics) and the panel asked me to explain ma work in each of the field.

Then, startd the Technical part, they asked me, Mention al d Thermodynamic Cycles?

- a. Carnot Cycle
- b. Rankine Cycle
- c. Otto Cycle
- d. Diesel Cycle
- e. Dual Combustion Cycle f. Joule's Cycle
- g. Stirling Cycle h. Ericsson cycle i. Brayton cycle

They asked me to sketch out al d cycles and explain the process in 3 min?

Sketched al the P-V diagrams and explained the process

Compared to Otto and Diesel Cycle which has more efficiency?

Otto cycle gives more efficiency than Diesel Cycle

Where do we use Otto Cycle?

In Petrol engines to analyse the efficiency of the engine.

Sketch the Rankine Cycle and indicate the Super-heated steam?

Indicated the Super-heated steam in the Rankine Cycle.

What is the Compression ratio of Otto and diesel Cycle?

Otto cycle 6 to 10 and Diesel cycle 15 to 25.

Sort out some diff b/w Petrol and diesel Engine?

Answered some 4 diff.

What is the Cetane number for Diesel engines?

Answered that it will be around 50.

What id Bell Coleman Cycle?

It is the reverse of Brayton Cycle and explained the process.

Asked to abbreviate NCV and HCV?

NCV – Net Calorific Value HCV – Higher Calorific Value

What is knocking? When does it occur?

A large pulsating noise heard inside the Engine cylinder. It occurs when combustion of the air and fuel mixture in the cylinder starts wrt to the ignition of the Spark plug.

What are the modes of heat transfer?

Conduction, Convection and radiation.

Tell in short what is Conduction, convection and Radiation?

Explained al the three.

How will yu calculate the surface area of an heat exchanger?

Explained from the eqn $Q = U A dT$.

What is Heat transfer Coefficient?

Explained from the eqn $Q = h A dT$.

What do yu mean by boiler accessories?

Accessories are used to increase the efficiency of boiler.

List out some Boiler Accessories?

Economiser, Air-preheater, Super heater.

Again startd with some HR ques like, What is yur career plan?

What kinda dept yu want to work in thermax?

Then they startd to ask, How yu know Hindi, Sanskrit and Malayalam? Meaning of my name?

Finally, I askd them two quest,

- i. Do thermax take ny initiative to solve the Power crisis in India?
- ii. While gng thro Thermax website, I saw that Thermax has won The National Intellectual Award on April 26th 2013 and wat was that Award for?

After answering these 2 quest they asked me to leave.

3) VA TECH WABAG

Experience	: Avin Shanbhag
Company's Name	: Va Tech Wabag Ltd.
Job Portfolio	: GET (Graduate Engineer Trainee), 2 -Years Training
Salary	: Rs. 3,55,000/- per annum
Selection Process	: Written (BPAT=Technical + Aptitude), GD, Interview.
Bond Details	: No BOND
Eligibility Criteria	: 6.5+ & without current arrears
Date	: November 5th, 2012

Students placed & Contact : Avin Shanbhag – 99400 19757; Santosh – 9486874787

ONLINE TEST: The test was conducted on 31st October, 2013, just before Diwali Holidays. Quite a big number attended from most of the departments. The BPAT test was very much easier compared to the other tests I had for the other core companies. For my perspective, the test was pretty easy with Aptitude Questions which were Analytical and Reasoning, Verbal and General Questions such as checking the order of letters in a sequence, simple data interpretations from tables etc. The technical section had 10 questions which were generalized where each question was from various subjects, although quite tough. The test was **NOT** adaptive and the organization which conducted the test seemed to be new. Hence, around 28 odd students were selected for the next round. Any normal person with good English skills and logical thinking capability can clear the test.

GROUP DISCUSSION: Presentation about the company was one of the best I have ever seen from any companies. The CFO, Corporate Relations HR, 2 Technical and 1 more HR of the company were present .This happened on 5th November, 2013 at 10.30am after the PPT. Group discussion was conducted in 2 batches each 14 students. My batch got the topic “*Management Education- Is it necessary to succeed in Business?*” There was 2 minutes for thinking. I spoke the last before during discussion. Many people distanced from the topic. The success for my selection in the GD was making crisp and ‘out of the box’ points which no one nearly did. I also expressed my points with some emotion and great fluency expressing my points in high and low pitch when necessary.

INTERVIEW: After G.D, we were asked to assemble in the PPT Hall again, where the results were told. Totally, 7 students were selected. We started flipping our Khurmi Book and revised on the topics which were given in the PPT. And then we were called after 5mins. I confidently lead and was the first person to go in. Due to luck and faith, I got the Corporate Relation HR and a new person from BPAT Testing Center. *(20mins Interview)*

Panel : Introduce yourself?

Me : *(I spoke intensively about myself, where I hail, what my hobbies are, what do I in college and a lot about my co-curricular & extra-curricular. I spoke for around 10mins taking most of the time in this. They liked me a lot as to what I was doing while reading my resume. Spoke with confidence, clarity & professionally)*

Panel : *(Laughing and impressed), let’s get to academics now? What are the types of pumps you know? We use a lot of pumps and valves in our company in plants. What do you know about them?*

Me : *I told the various types of pumps, he started to write one by one on a sheet. He also added one.*

Panel : Now, tell me the various pressure ranges of each and where each one is used?

Me : *I told 80% of the answer and rest I wasn't sure.*

Panel : What is your field of interest?

Me : *(As everyone would change according to the company) Hydraulics and Pneumatics, Manufacturing Technology.*

Panel : *(They asked me what each term meant, applications of hydraulics and Pneumatics and I answered real-time application questions)*

Panel : *(Final and deciding question)* Where would you like to work? Any place or do you have any confinement with that?

Me : *(I prepared well with this question)* Well sir, my parents asked me to work for 5- 6years in a company. Even my schooling and college, I have been residing at home. So I would love to visit new places, meet new people, expose to great culture, exchange ideas and have a great career growth.

Panel : *(They were really convinced with the tone I used and my emphasis on it with an emotional sense with hand movements)*

The Corporate Relation HR guy got up and shook my hand sternly and said “Thanks for coming” with a wide grin. As curious as I was, I asked other 6 if the same happened to them, they said no.

Results came on the same day at 5.00PM. Two of us were selected. Great day indeed.

FINAL TIPS:

FOR HR

- ☐ Be stern and confident at all times. Don't lose hope.
- ☐ If you get rejected, surely you will feel bad but every failure is a step to success.
- ☐ Have faith in yourself and do justice to yourself by asking “What have you achieved as of now?” other than academics where a whole dozen of people have like yourself? So distinguish yourself with others and try to portray your unique character very well.
- ☐ It's not a single step success

FOR TECHNICAL

- ☐ It goes without saying to be thorough in topics of SOM, Manufacturing Tech,

Thermodynamics & Thermal Engg and Metallurgy. Other subjects are additives.

☐ Applications of each process and in relation with industry. General Knowledge would do sufficient. Your interview can be the either combination. HR, Technical or Both.

4) SAIPEM

Hai frnds I am SANTHOSH Ghere I would like to share my interview experience of SAIPEM INDIA PROJECTS LTD and basic thing which u need to be prepared well.

Selection process was

- 1) Written test-aptitude,verbal and technical questions for around 1.30 hours
- 2) Technical interview-for more than 1 hours.

For written test just revise the basics of all main subjects

Like(Som,thermo,manufacturing,fluid mechanics...etc.) practice the apps and verbal for increase ur speed.

For crack the technical interview u should be little bit strong in basics frnds.

Technical Interview:

- 1) Tell me about yourself?
- 2) Difference btn first angle projection and third angle projection?
- 3) They gave me one object and said to draw the 1st angle and 3rd angle projection?
- 4) At what angle the isometric view was drawn?
- 5) Draw plot plan layout of your college? I want to know ur engineering graphics knowledge?
- 6) Uses of Auto-Cad /Pro-E softwares?
- 7) Write the bernoulli's principle?
- 8) What are the assumptions used in this equation?
- 9) Explain how the discharge is measured by venturimeter?
- 10) Some other flow, pressure measurement devices which u learnt?
- 11) What is use of draught in pipe?
- 12) Did u have hydraulics lab in ur carrier ?explain any experiments which u learnt?(explained about Rotometer)
- 13) Started to ask some ques related to this experiment like how discharge is measured?
- 14) What is buoyancy force?
- 15) Explain abt archimedes principle?
- 16) What is cryogenic temp?
- 17) Stress vs strain curve for different type of fluids?
- 18) Now only started to ask questions related to my area of interest? Tell different

types of welding?

- 19) What is the difference b/n shield metal arc welding and TIG welding?
- 20) What is the use of flux?
- 21) What is material used as flux?
- 22) Is flux is used in TIG welding?
- 23) What is the use of inert gas in TIG welding?
- 24) How the quality of welding is measured? (Answered few non-destructive types)
- 25) Asked what are the destructive types?
- 26) Explain the tensile strength test with sketch for mild steel material?
- 27) Define the factor of safety?
- 28) Why casting is ur area of interest?
- 29) Different types of casting?
- 30) Tell some defects in casting?
- 31) Difference b/n 2 stroke and 4 stroke cycle?
- 32) Draw otto cycle and diesel cycle?
- 33) Define compression ratio? Specify it in cycle?
- 34) Use of the brayton cycle?

Kindly prepare all the basics it will help u to rock the interview...:)...be bold in ur answers. All the best juniors...]

5) ROYAL ENFIELD

Vikram 9600504090

placements!!! wakeup guys... its time to start work...

hi juniors... the motto of this post is to make the you people (the third year students of CEG mechanical who opt for placement next year) aware of placements. there are things that need to be done at this point of time which some of the students of our set have failed due to lack of guidance. those things are discussed as follows.

the general rounds in placement process are written test, group discussion and interview.

written round

it has three sections in general - aptitude, technical and verbal in the order of their importance aptitude being the most important.

for aptitude, everyone knows to solve the problems. only overcoming time-constraint matters. so practicing in a time frame is must. Give much importance to this aptitude section which plays the major role to crack written test. choose any of the following three methods which suits u.

1. "<http://exams.educationobserver.com/the-news/50-quantitative-aptitude-model-exam-for-cat-xat-snap-mat-and-bank-tests.html>" - i found this website very useful. practice one test daily or two tests each week from this website until u get pass mark. i think its sufficient. complete it before june 2014.

2. if u feel that as very tuff, use indiabix.com for practising tests. and complete all tests before may 2014.

3. u can also go for R.S.Aggarwal book and practise all model problems (with time frame) allotting about 2-6 hours per week and complete the book before june 2014.

for technical, read only very very basic formulas and concepts for the following subjects. they are given in order of importance thermodynamics being the most important. u can read other subjects later.

thermodynamics thermal I, II manutech I, II Strength of materials kinematics

fluid mech dynamics

design of machine elements

engineering materials and metallurgy metrology

heat and mass transfer

give moderate importance to this section. complete this task before July 2014.

for verbal section, you need to know a lot of words and their meaning and it requires intense practice to comprehend faster. GRE preparation helped me. i

think the websites "indiabix.com, freshersworld.com, gpl4u.com" can help others.

give least importance to this section because only some companies had this section in written test. i think spending 2-4 hours per week till seventh semester, in those websites is sufficient for placement verbal preparation.

group discussion

group discussion practice is not necessary at this stage. however, daily reading at least the first page of any english newspaper would be of good help next year. those who feel that their communication skills need to be enhanced can start practising some hot topics in each weekend for about half an hour by forming groups themselves.

interview

I hope that interview preparation is also not necessary at this stage. u can start preparing from june 2014. but there is one thing for interviews which is project/internship which u should have completed before june 2014. this is very important to crack the interview.

u ll be doing a seventh semester project obviously. before that do one project in sixth semester itself if u haven't done one yet. it need not be a big one. it can be even completed in one week. but just do one project for namesake. it seems difficult for beginners but doing a project is easier only. for assistance, approach professors and they would guide you.

also apply for internships. getting internships is also easier. first register in internshala.com and twenty19.com and check your mail regularly. apply all relevant offers that u get in mail. Secondly, approach IIT professors by mail. Get the mail ids of IIT professors in IIT websites. Attach your resume with mail and mention that u are in need of internship in mail. for that prepare a comprehensive resume. get model resume from seniors. if you didn't get intern by these two means, approach our college professors for help finally. they might use their influence to get interns in some IITs or even industries.

Very important note: Those who are sure of going to job, write GATE exam. U can

start going class from jan 2014 or jun 2014. june 2014 is preferable. there are many advantages in writing GATE exam.

All the best guys....

6) PRICOL

Here are some questions which were asked in the interview for me.

INTERVIEW 1: (more than 45 minutess)

HR questions:

When did you arrive here (plant) and when did start your journey?

After seeing my address in the resume,

Are you coming from an interior village of your district and

What are the special things and details of your village?

Tell me about your family and occupation of the family members.

Tell me about your school studies

▯ In your resume you put some of your strengths and how did you incorporate with your real life, give some examples?

▯ And few more personal questions....

Technical questions:

Interviewer: Copper, Lead, Iron. Which material has high electrical conductivity?

Me: I said 'Copper'. And I added some points on that, as we studied some apparatus related to the electrical systems, most of them uses copper connecting wires.

Int: Tell me some examples of ferrous and nonferrous metals.

Me: Ferrous -Cast iron (Grey, White, Alloy and Malleable cast iron)

-Steel (low, med, high carbon) Nonferrous- Al, Mg, Cu, Zn, etc

Int: How they are differentiated?

Me: They differ in the magnetic and corrosion properties.

After looking at my areas of interest in my resume, he asked some questions. He knew much about Rapid Prototyping.

Int: What are the materials can be used in the RP process?

Me: Some materials like ABS, thermoplastics, ceramics, Metal powders and liquid resin can also be used.

Int: Do you know about FRP?

Me: (After small hesitation) I am not aware of that sir. And he said that it means

Fibre Reinforced Plastics.

Int: What are the uses of RP processes?

Me: We can make the prototypes in minimum time and can be used to test analysis, helps in the marketing to communicate, tools and dies can also be produced which will be helpful in castings

Int: How can it (RP) be useful for Pricol products?

Me: Pricol has tooling and applications plant, there we can use RP process to make tools and patterns. Told some RP processes and applications of the products with related to their products.

Int: Tell me some applications of Casting products

Me: Cylinder block, Turbine blades, flywheels, connecting rod, etc..

Int: What is strain?

Me: change in length/original length

Int: What is torsion?

Me: The twisting moment produced in a shaft by applying torque. And I wrote the expression.

$$(\tau/r)=(T/J)=(c\theta/L)$$

Int: What is viscosity?

Me: The resistance of any fluid to deform when we apply pressure. It also defines that how fast that fluid can move on a surface.

Int: What is dynamic flow?

Me: I said No idea about that sir.

Int: How Reynold's number is expressed?

Me: I wrote the formula and explained.

$$\rho VL/\mu$$

Int: How the fluid flow can be classified according to Re?

Me: Laminar flow, Transient flow, Turbulent flow.

Int: What is surface tension?

Me: (I know the unit, from that I somehow managed to answer) External force on the surface of a liquid per unit length and told the unit. **(N/m)**

Int: Draw any diagram which you studied in your syllabus and give explanation with the help of that.

Me: I asked him any diagram? Can it be from mechanisms? He said ok. I plotted Four bar mechanism, explained it and its four inversions.

After seeing that diagram he asked me “Have u studied kinematics?” and started to ask some questions from that.

Int: Tell me about Geneva mechanism and where it is used?

Me: Explained with a diagram and told him that it is used in indexing.

Int: Have you studied about fixture?

Me: Yes, Sir. We have Jigs and fixtures as a separate subject in curriculum.

Int: What is the use of fixture?

Me: It is used to locate and fix an object while milling or turning.

Int: What is a kinematic pair?

Me: Combination of two links having a relative motion to each other.

Int: What is a link?

Me: A member which is used to connect two parts having relative motion.

Int: Difference between Chain and Link?

Me: Link is used to transform motion.

Chain is used to transform power.

Int: What is the formula for power?

Me: $P = 2\pi N T / 60$

Int: Draw any symbols used in Measurements technique?

Me: I kept on thinking about, so he specifically asked some symbols like Concentricity- I said “Don’t know sir”.

Perpendicularity — drawn slowly (As I am not sure) Total run-out - Drawn it correctly.

He somewhat satisfied with this answer.

After seeing the software exposure in the resume, Int: What are the versions of the software you used? *Me:* Auto CAD 2004

Pro-E 4.0

Ansys 13

Int: Do you know all the options available in these softwares?

Me: We did limited number of diagrams based on our syllabus. I knew the options which are used for these drawings.

Int: What is BOM?

Me: I suddenly couldn't remember that. And he said that BOM means Bill of Materials and I added some notes on that.

Int: Tell me some thermodynamic properties

Me: I told the intensive and extensive properties (p, V, T, Q, U).

Int: Tell me some points on thermodynamics laws

Me: I answered zeroth law to third law.

Int: What is the formula to calculate efficiency of petrol engine?

Me: I told him that petrol engines are working on otto cycle and wrote down the expression. $\eta = 1 - (1/r)^{\gamma-1}$

Int: Why we use flywheel in Engines?

Me: To smoothen the turning moment, to store energy during power stroke, for clutching operations.

Int: Which property you will consider while choosing Ductile and brittle materials for designing?

Me: I said Tensile strength for ductile materials and Compressive strength for Brittle materials.

Int: Some terminologies used in Gears

Me: Said about addendum, dedendum, diameters, pressure angle, face, land etc with a simple diagram.

Int: Some basic questions from machining operations like what is grinding, turning, tumbling, lapping, boring?

Me: Answered one by one.

Int: Do you have any questions?

SECOND INTERVIEW: (more than 20 minutes with another person)

Int: Tell me about yourself.

Your strengths. Your career goals.

Your dream about personal life.

Tell me a situation where you faced a failure and how and what did you learn from it?

Which role you will play in a team work?

Why did you choose Mechanical engineering? Why did you choose Anna University, Chennai?

Int: Rate yourself your knowledge on Metal castings on the scale of 1 to 10.

Me: above 7

Int: What is draft in castings?

Me: To avoid damage while ejecting the parts from mold, small taper is provided on the surfaces rather being a straight edge.(With a diagram)

Int: What is the maximum and minimum value of the draft angle?

Me: I said 1° to 6° .

But he said that the answer is 0.5° to 2°

Int: Do you know about Wankel engine?

Me: Explained the operation with a diagram neatly.

Int: Where we use this application?

Me: (After few seconds) I am not aware of that Sir. And he said that there are no effective applications with these engines.

Int: Do you have any questions?

These are the questions that I could recollect now.

Thank You.

7) MRF TYRES

Placement experience by JOHNBASHA A

Company's Name: MRF
Nature of job: GET (Maintenance engineer)
Salary: 30000/month
Selection Process: Written (technical and aptitude), Psychometric, Planning ability, GD, Interview (technical and HR).
Bond details: 5 years Eligibility
criteria: 6 and above Date:
March 26, 2014
Contact: 7418718348

GENERAL TIPS

First of all I request you guys to start the placement preparation now itself. Just prepare the basics of all subjects that you studied from first semester. Some of the important subjects are Manufacturing, Production, SOM, Thermo dynamics and Engineering mechanics.

WRITTEN TEST

Since I have cleared 15+ written test I can say

“Quantitative Aptitude” by DR. R.S Aggarwal and “Mechanical Engineering: Conventional and Objective Type” by R.S. Khurmi are enough to clear the written and then practice yourself by using following links

- 1) <http://indiabix.com/mechanical-engineering/questions-and-answers/>
 - 2) <http://www.mechanicalengineeringblog.com/category/latest-interview-questions-answers/>
 - 3) http://www.examrace.com/Sample-Objective-Questions/Mechanical-Engineering-Questions/Mechanical-Engineering-Objective-Questions-1.html#pdfsection_52e7882-page_10-locus_0 Part-
 - 4) <https://sites.google.com/site/mechanicalworld9/latest-mech-q-a>
- INDIABIX is the very useful link for placements.

PSYCHOMETRIC ROUND (PERSONALITY PROFILING)

I think the following links are helpful to have an idea about this round

- 1) https://traity.com/personality_test/new
- 2) http://www.nickyee.com/ponder/big5_items.html
- 3) <http://ipip.ori.org/ipip/>

GROUP DISCUSSION

It is the most important round you have to concentrate lot. Even the toppers of our departments also not cleared this most of the time. I have not cleared my first 8 GD's. So please juniors form teams among yourself and practice. Try to start or conclude the GD it will add your marks. If you are not comfortable with starting don't start, I have rejected many times because of that only. Practice and confident is the only thing you need to crack this round, so don't think you are not fluent in English or something else. Here some of the important topics are

- ☐ Is Foreign Direct Investment (FDI) in retail sector good for India?
- ☐ Influence of Online Social Networks on our Youth
- ☐ Criminal cases against Women
- ☐ Are Indians Less Quality Conscious?
- ☐ Commercialization of Health Care: Good or Bad?
- ☐ The education system needs serious reforms
- ☐ Advertising is a Waste of Resources
- ☐ Is Globalization Really Necessary?
- ☐ Should the public sector be privatized?
- ☐ How to Deal with High Oil Prices?
- ☐ Love Marriages Vs Arranged Marriages
- ☐ We Need More Entrepreneurs than Managers
- ☐ Corruption is the Price we pay for Democracy
- ☐ Nuclear War cannot be won and should not be fought

INTERVIEW ROUND

For technical interview you have to prepare your areas of interest thoroughly. Most of the company ask technical questions from that only. Try to know some practical applications and new technology from your areas of interest. You should have enough knowledge about your projects, internships, implant training, industrial visits and anything you put in your resume. Otherwise don't put it in your resume, because most of the interview will go based on your resume only.

For HR interview please prepare "tell me about yourself very well" you can make the interview as your wish by the way you answering for this question. Try to practice with your friends. If you don't know the answer for a question it is better to

avoid guessing or blabbering something. Always be confident and calm.

Before attending any company try to read about that company and the previous year's placement procedures in internet. It will very helpful for you, because most of the companies following same procedures, some companies don't even change the questions also.

Round 1: Technical (online)

This round consists of 30 technical objective questions. Time allotted for this round was 30 minutes, those who answered minimum 17 questions correctly shortlisted for next round. More than 50 students were cleared the 1st round.

Round 2:

They conducted this round with four different processes. They are

- ☐ Aptitude test (online)
- ☐ Psychometric test (online)
- ☐ Planning ability
- ☐ Group discussion

In Aptitude test you have to finish 25 numerical questions within 30 minutes. Then you will be directed to attend Psychometric test. After that you will be asked to plan for a situation within 15 minutes. Group discussion was different from other companies, there was a numerical problem you have 5 minutes to solve this. After that discussion starts, everyone come up with different answers. You have to justify your answer and convince your friends. HR not expecting the correct answer. He expect how you analyzing the problem and the way of your convincing ability. After all these processes 19 students were shortlisted.

Round 3: Technical interview

After one month only they called us for interview with other college students in MRF office. It was a two panel interview went around 15 minutes. Before that we were asked to write the resume (A booklet containing questions about all our educational and other activities) provided by the company. Questions asked during technical round are

Explain about your final year project?

While I am explaining about my project suddenly they stopped and started to ask technical questions.

1. What is the instrument to measure wind velocity?

2. What is cut-off ratio?
3. Draw the diesel cycle and explain briefly.
4. What is the dual combination cycle?
5. If you increase the cut-off ratio what will happen with efficiency?
6. Why train's wheels not slip while moving on rail at any conditions?
7. Draw the diagram of train's wheels with rail-road.
8. What is friction and explain with formulae?
9. What all are the reasons for friction?
10. Tell about brakes?
11. Which brake has more friction disc or drum?
12. What is pascal's law relate with brakes?
13. How master cylinder work with slave cylinders?
14. What is casting?
15. Types of casting?
16. Allowances for casting?
17. What is draft allowance?
18. I answered well most of the questions. Four students were selected for HR round from our college.

Round 4: HR interview

The next day we had hr round with other college students from tamilnadu and kerala. More than 50 students were shortlisted for this round, most of them told they will give preference for students from kerala only. In this round hr asked about family back-round, projects, implant training and industrial visits. Finally around 6'o clock they announced the results 5 students (4 kerala + me) were got placed.

MRF is the 32nd company for me, so don't lose hope keep trying one day you will get it. **ALL THE VERY BEST GUYS.**

END OF 2013-14 PLACEMENT EXPERIENCE

2012-13

...Compiled by Narayanan S & Mohanraj S

All the best guys.....



Placement experience by K MUTHAMIL SELVAN

Company's Name : HONDA MOTORCYCLES & SCOOTERS INDIA

Nature of job : GET

Salary : 4.9 lakhs p.a

Selection Process : Written (technical), GD, Interview.

Bond details : No bond

Eligibility criteria : 6 and above

Date : August 30th, 2012

Students placed & contact : MUTHAMIL SELVAN K - 9655751034

RAGHUL R – 9487087227

SHANKAR P

Written Test:

30 Technical Questions (more electrical part) and 30 Aptitude questions.

Group Discussion:

Topic: Olympics in India.

Tips:

1. Talk Loudly Clearly & Confidently.
2. Do not dominate others it creates negative impression.
3. Do not just blabber something talk lively.
4. You can start and conclude the Discussion, it will add you more marks.
But if you are good at language & clear with the topic start the discussion else be the second or third speaker which is highly recommended.
5. Important things in a GD are listening carefully to others and having eye contact with the speaker
6. If someone is trying to add some point but struggling because of language give them chance by channelizing the talk.

General GD topics:

Foreign Direct Investment in India

Women Empowerment

Should Sachin retire

Things contributing to the economic development of our country.

Corruption in India

Tobacco consumption

Olympics in India

TECHNICAL AND HR Interview:

Questions:

1. Introduce about yourself.
2. What is Casting ?
3. What are the types of Casting ?
4. What is Investment Casting ?
5. Why is it called Investment ?
6. What is the brand name of Lathe available in your Department ?
7. They asked me some kind of stress questions as follows.
8. What would you do when a co-workers Slaps you during working hours ?
9. You are working on a project, you have 10 workers under your supervising, 6 people are hardworking and remaining 4 people are lazy.
What would you do?
10. Where are you from?
11. Do you speak kannada ?

12. Rate yourself in the fluency of the kannada language with scale of 10.

13. Would you like to work in North India or you have some restrictions?

Tips:

Language is not more important at all but you have communicate clearly.

Speak Boldly Confidently and Clearly

Before entering ask them “ May I come in sir”

Go near the chair and wish them.

Do not take your seat until he/she ask you to...

Have eye contact throughout the conversation (Do not look up or down while speaking)

Always speak with a smile in your face (Shows you are confident)

Be yourself.

Be positive.

Be honest and not Frank.

Don't change your voice tone (even say No with the same tone)

Do not shake your legs or rotate chair.

Do not repeat the same thing and make your introduction short and clear.

Have a pen in your pocket and some paper in your file.

Technical Interview:

Learn basics in all subject.

Do not just write Manufacturing processes. Be Specific.

Should have deeper knowledge in your area of interest.

If you don't know the answer. Don't blabber something. Just tell I don't know.



Placement experience by Arvind. P

Company's Name	: Caterpillar India Pvt. Ltd..
Nature of job	: Core
Salary	: 7.1 lacs pa
Selection Process	: Written Test, PPT, Group Discussion, Personal Interview
Bond details	: NIL (Manufacturing professional development programme), 2 yrs (for Leadership Professional development programme)
Eligibility criteria	: 7.5 above
Date	: 27th August 2012
Students placed &	: Arvind P, Gautham Aadithya(both Mechanical) Harish (Industrial) + 4 MIT students

Hi friends,

First of all I request you guys to take the preparation for placements seriously. That doesn't mean going through all the text books that you used right from the first semester!! Indeed you should equip yourselves with the technical knowledge and a brief revision of some important courses is a must. But I suggest that you also prepare for the other stages like "Group Discussion" (GD) and "Personal Interview". Though you might think "What has GD got to do with my core job?", the reality is that companies use this stage to filter a lot of students. Even if you have the strongest technical skills, there is a possibility of failing to progress to the next level in the recruitment process. I AM NOT FRIGHTENING you guys but I WOULD LIKE YOU TO PREPARE FOR GD effectively. (Even if you don't agree with me while reading this, You will once you look at the performance of MIT students in the GD).

I would suggest that you look at the company's profile, history and current situation a little bit. After all it doesn't consume much time (a mere 10 minute period would suffice).

Written test:

The Caterpillar recruitment began with a written test at about 9 in the morning.

There was a brief ppt about the company before the written test. The written had questions from the following topics

- Technical
 - o Hydraulics
 - o Strength of materials
 - o Manufacturing
- Analytical
- Verbal

The written can be cleared provided you made a little homework on the basics of fundamental mechanical courses. The results were declared in the afternoon and most of the mechanical students who were selected had a good cgpa.

GD

The selected students were divided into groups of 8 or 10. Some of the GD topics I remember are,

Which is more important, Technical / management skill??

You will have about 2 minutes to think about key points that you can elaborate. After about 2 mts, an MIT student began the discussion.(This showed that he was aware of the time and started the conversation, while that thought did not strike me at all). Thats why I said you need to PREPARE FOR GD like those students. After his talk another MIT guy continued and after about four students (ALL MIT i guess) talked I decide to make a point (if not I would have been silent for the entire GD). I stated with my talk by agreeing to a point made previously and elaborated my views. YOU HAVE TO BE VERY CLEAR IN CONVEYING YOUR IDEAS sine you have only a small amount of time.

To my surprise the GD was used to filter many students(ONLY 14 students i guess) made it to the final phase even though those who qualified for GD was a much HIGHER number.

Interview

The interview lasted for about 30 minutes. They started by asking “Tell me about yourself” and I talked about my schooling, family and hobbies. One of the panel members asked which team won the Olympic gold since I had mentioned that I am an avid follower of the game. He went to ask about my favourite team and player and why i liked him. My reply was Mata and that he possessed creativity.

Thus began the technical part of the interview when he asked “what I perceived Creativity to be in Mechanical Engg. field”.

I had mentioned strength of materials and Gas dynamics as my areas of interest. They asked a few questions like

- Draw S-N curve and state significance.
- Examples of fatigue loading components
- Difference between gas and vapour

Among many other questions.

I thought I could have done better by being more confident in stating my answers. After all the students completed their interview, Few students (including me) were called for another interview. This panel had only 2 members as compared to the 6 in the first interview. He asked me few questions in manufacturing like

- drill tool nomenclature
- composition of HSS

He then asked if i had attended any other interview before. I stated that this was the first company to recruit in the college and that Maruti had conducted a written test a week before(I did not attend the Maruti written test though). When I said that I had not attended the interview, they presumed it to be BECAUSE OF

THE VIOLENT STRIKE in their Manesar plant!!!! And asked me what i would do to prevent such behaviour in their company. I suggested that a few minutes be dedicated to meditation (Before the start of a shift to the workers). The panel member remarked that this is bound to cause a loss to our company since we are wasting time in meditation that can be used in production instead . I was quick to assert that It is better than SHUTTING DOWN the entire plant for weeks and causing severe loss to the company!!! And They laughed after hearing my reply....

My intuition is that THEY ALWAYS LOOK FOR SOMETHING MORE THAN YOUR TECHNICAL SKILLS AND OTHER THINGS. YOU HAVE TO BE YOURSELF AND BE SMART AND MAKE CONFIDENT STATEMENTS.

All the best to you all..START PREPARING DURING THE VACATION AND BE READY FOR GD AND OTHER STUFF.

ARVIND P



Placement experience by Dhinesh Ranjith. T

Company's Name	: Ford India Private Limited
Nature of job	: Ford College Graduate (just like GET special name for Ford employees)
Salary	: 5.5 lakhs p.a.
Selection Process	: Written (aptitude and technical), GD, Technical interview, HR interview
Bond details	: Nil
Eligibility criteria	: CGPA 6.0 and above, no current arrear
Date	: 12/12/12
Students placed & contact no.	: Dhinesh Ranjith. T Contact no. 8056929535

Experience:

Written exam was conducted on CSC department computer lab. Basic technical questions were asked and few technical problems were asked. Aptitude questions were bit tough. If you are strong in basics you can easily clear written.

Group discussion was good when compared to other GDs. Five members per team so everyone got chance for speaking. They gave 3 topics and asked us to decide topic on our own. Topics given to my team were 1)Facebook 2)Sports 3)Is Capital punishment necessary?. We spoke about facebook. It is better to start GD. You should try to convince every team mate to accept the topic then initiate the GD. If someone in your group is not talking, give chance to them.

Technical interview was mostly from area of interest. So be thorough in your area of interest. Few questions asked for me

- 1) Difference between shaper and planer
- 2) What is bore diameter for bearing 6205(Learn specification for bearing number)
- 3) List out all castings
- 4) Details about my project and problems faced in project and went deep in casting.
- 5) Otto cycle

6) Parts of engine manufactured by casting and questions about IC engines.

Technical interview went for about 20 minutes

HR interview was conducted by General Manager. General questions like tell me about yourself, Why Ford, and so. After seeing area of interest he asked few technical questions like difference between investment casting and sand casting and few other questions related to IC engines. This interview went for about 15 to 20 minutes.

Be bold in your points both in GD and in interview especially in HR interview. Try to be thorough in your area of interest. All the best guys.



Placement experience by Mohanraj S

Company's name	: BrahMos Aerospace Private Limited.
Nature of job	: Core
Salary	: CTC 7.23 Lakhs p.a.
Selection Process	: Direct Technical Interview
Bond details	: 3 years after 6 months training
Eligibility criteria	: Top 10 students at that time
Date	: 19/10/2012
Student(s) placed & contact no.	: Mohanraj.S, +919789778161

EXPERIENCE:

My interview was purely technical and held for about 20 minutes. I had good confidence level because of the four technical interview experiences before this interview. There was a five member panel during the interview. Two of them are scientists from DRDO (Defense Research Development Organization), other two technical persons from BrahMos and remaining one was IITM professor. Before PPT they are all very disappointed due to poor hall arrangements from CUIC side. While PPT, they told about job as very challenging one and shown lot of missile testing videos. After that the interview process started. Before entering the room, I opened the door and asked them "May I come in, sir". Once they asked me to come inside the room, I told them "Good morning" as having eye contact with all at glance and then asked "Can I sit, sir". One of them told me to wait a minute and verified my name in the resume (their resume format was different which we had already filled and given to them). In that resume format, there is no column for field of interest, extra-curricular activities and all. So bit nervous about in which field they are going to start asking questions. After that there is no "tell me about yourself" stuff, they directly started asking questions.

My interview questions:

1. What are the types of fit?
2. One application for interference fit.
3. Draw stress strain diagram for high strength steel (high carbon steel).

What is the stress value (MPa) at yield point?

4. What are the theories of failure? Why it was devised?

What does u infer from that?

5. Explain distortion energy theory. Write the expression of it.
6. Design a key to connect two shafts to make more efficient power transmission.
7. What are the different types of stresses will develop in Keys?
8. Which coupling you will prefer most from all types? Why?
9. Few questions based on advantages of lap and butt welding (diagrammatic).
10. Difference between forging and molding.
11. How will you make water bottle? Explain that process.
12. What is CRDI Engine? Explain the mechanism.
13. Explain other engine types you know. (TDI engine like that)

I had done well for about eight questions (my GATE classes helped well and the knowledge in automobiles and engines which gained while placement

preparation through internet also helped). Other few questions I answered what I know. After that they asked my father's occupation and I told them as Agriculture. The last interview question was "You interested in joining BrahMos?" Instantly I told "Yes, very interested". They asked me to leave and then I shake the hands with all of them and in parallel told "thank you for giving me this opportunity". After a week, I got mail surprisingly as placed in BrahMos with scanned offer letter attachment. In offer letter, salary mentioned as basic pay-21k + all allowances-50k per month after training.

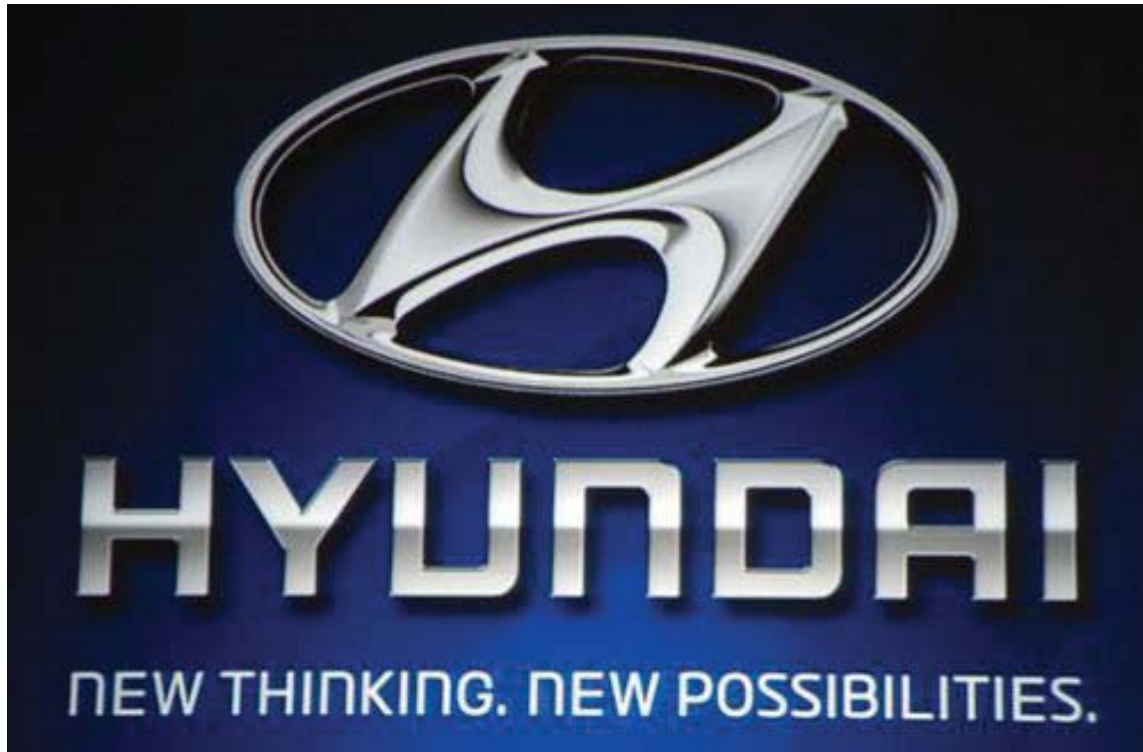
My suggestions to juniors, for written test technical, revise the basics well and workout the company written question papers available in the internet to get more ideas. For aptitude test, practice the quantitative aptitude (by R.S. Agarwall) well to increase your calculation speed if you lagging in it means. Regarding Group discussion & interview develop your communication skills and then conduct mock GD & mock interview among your friends, be strong in current affairs. For interview, prepare "Tell me about yourself" content well and speak confidently. Find out your positives and negatives (usual HR interview questions).

For technical interview, try to answer questions with relating it to applications and have good basic knowledge. Try to know mechanical engineering applications working and parts (eg. automobile, aircrafts, lathe machines, power plants and lot

more). Reasoning questions like 1. Why generally cylinder block is made of grey cast iron, why not other materials? 2. Why connecting rod is I-shaped? Strength of materials and metallurgy (both basic and applied knowledge) is very important one for written and tech interview. As many of the companies are automobile sector, develop your knowledge in the design, manufacturing and thermal aspects of automobile parts.

Friends, All the best for your placements. Be confident and do well.

Mohanraj.S



Placement experience by Annamalai T

Company's Name	: HYUNDAI
Nature of job	: GRADUATE TRAINEE ENGINEER
Salary	: 5.15 p.a
Selection Process	: Written, G.D, Interview
Bond details	: None
Eligibility criteria	: 7 and above with no arrears
Date	: Oct 12, 2012
Students placed & contact num	: Annamalai - 9488217192

EXPERIENCE :**Written:**

It had three sections...technical, aptitude and a psychology one....Though I was not thorough in technical I was confident about aptitude... As I was preparing for CAT I was able to answer most of the questions in aptitude... Hyundai was the eleventh company in which I cleared written test, thanks to CAT coaching...

G.D :

The topic was regarding FDI in retail.... I attended 5 G.Ds... But I did not get selected in any G.D other than Hyundai... The fact is that I did not find much difference in my performance in these 5 G.Ds... What I could infer from this is that, each company expects people of different character...for ex. Honda wanted people of friendly attitude i.e. who allow others to speak... while Thermax expected people who interact a lot (these are my opinions).... So the result of a group discussion will be completely random sometime... All that we have to do is to be ourselves...

Interview :

As expected the first question was TELL ME ABOUT YOURSELF....You could carry the interview the way you want through the answer for this question... Then they asked me some HR questions... Trust me... If you answer the HR questions

well you are almost in... Please don't prepare for the HR questions...Answer those questions on the spot and from your heart... The following are those questions and my answers..

Q1. How do you visualize yourself within 2 years in Hyundai?

Ans : I would like to earn a good reputation at your company... the people at Hyundai should believe that if a work is given to Annamalai, he will complete it perfectly... In addition to this I would like to be at a respectable position at your company...

Q2. That's all?

Ans: This is what I have in my mind as of now and my dreams will expand once I step in to the company...

Q3. Which department do you want to work in?

Ans: Quality... I was impressed by the effects of quality in a company when we organized a NDT workshop at our college... My next preference would be for production... Because I love to interact with people and production gives me an opportunity for that...

Q4. In production there will be people with more than 30 years of experience working under you and they might more knowledgeable than you...what will you do in that case?

Ans : I wont treat people like come and do this work... I would go like come, let us do the work... I would be treating a person with 30 years of experience as my father and not as a sub ordinate...

Q4. Could you accept the fact that a person working below you is more knowledgeable than you?

Ans: I wont claim to be the most knowledgeable person... I would be learning from others and all that I like to do is to enrich my knowledge day by day....

I got a sense of satisfaction and confidence after answering these questions...

Then came technical questions which were quite simple... They are..

Q5. Difference between jig and fixture? (answered)

Q6. Numerical value of a certain property of steel? (A straight and clear DON'T KNOW)

Q7. Area of interest? (Casting)

Q8. Why cores are used in casting? (Answered)

Q9. What is fetling? (Answered with some help from the panel)

Q10. Explain about your project.

If you get this question ask for a pen and paper... Then explain about your project by drawing a rough sketch...

The interview got over then.

If you don't get selected in an interview that does not mean you are incapable... It is simply because your interests and capabilities does not match with their job profile... Even at Hyundai, there were smarter guys than me...But they did not get selected... Later they got selected in another good company.... We cannot decide whether we will enter into a particular company or not... All that we can do is to give our best efforts.... You will then get selected in a company you are destined to be...Good luck... Please remember... All for good... Hakuna Matata....

CarAdvice.com.au

Placement experience by Sooriyaprakash. R

Company's Name	:	Fiat India Automobile Limited
Nature Of Job	:	Graduate Engineer Trainee
Salary	:	1st Year CTC 4 Lacs, 2nd Year CTC 5.2lacs
Selection Process	:	Pshycometric Test, 2 GD's, One Has General Topic And Another One Is Situational One. Tech And Hr Interview (Both In Same Panel)
Bond Details	:	No Bond
Eligibility Criteria	:	6 & Above No Current Arrear
Date	:	26 Feb 2013
Students placed	:	R.Sooriyaprakash, Mob No: 9003404545(Mech) R.Harish Shravan, Mob No: 9047565863(Mech) M.Aditya Subramani, Mob No: 9626621898(Auto)

EXPERIENCE:

My first round starts with GD only since some other company also came on that day, Our RCC was not free at that time. GD is of two rounds and of 2 batches each consists of 12 members.

1) General: Why can't India be a world class player in manufacturing field as it is in BPO/IT field? My general advice is that just try to speak at least twice or thrice so that the panel get attention of you.

2) SITUATIONAL TOPIC: A plane is going to crash and will land in a desert and what are the 15 things you need to take from that plane in order to pursue your journey in the desert.

From GD 12 people were selected for psychometric test. It's a general one and no elimination in this round. And it is followed by Technical and HR interview.

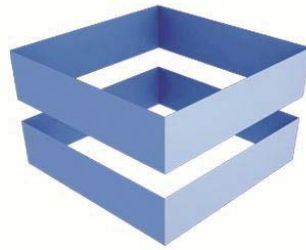
As usual it starts with "Tell me about yourself"- Me just told about my educational background, Family, Native, strength and weakness and also about my extra-curricular. I have to add a point that I was a Secretary in Students Quality Club because it also helped mostly in getting placed. They asked about my projects but not much and my IV in wheels India about which part I liked in that company. I hope so the answer which I told was impressive to them. My answer, "Since it is a Quality dependent company the shop floor where I went was clean and the

process which they followed was very clear. Every process was followed by inspection process. That I liked the most". And they asked me what are the languages I know. Whether You or know or not, add Hindi (oor alavuku terium nu sollu) to it. That will really help you. And that's all...

This was nearly my 35th company so I could tell you juniors "Never give up if you have to face so many companies, Take it as an experience. Everybody will have a day for them. Have faith in GOD"

So Brothers and Sisters,

All the very best for your future....!!!!!!!!!!!!!!



LatentView

Actionable Insights • Accurate Decisions

Placement experience by Anand Samuel J

Company's Name	: Latent View Analytics
Nature of job	: Analytics (Management oriented)
Salary	: 4L pa
Selection Process	: Written, Interview (2 rounds)
Bond details	: Nil
Eligibility criteria	: 8.5 above
Date	: September Last week

Students placed & contact num : Anand Samuel, 9952648327,

anandjsamuel@gmail.com

EXPERIENCE:

Written test was basically an aptitude test. It had negative marks. As usual, many who attempted all the questions were not selected. There were 2 rounds of interview.

First round:

I was interviewed by 2 people. Interview was heavily technical as in rigorous math questions were asked. Told them my area of interest is numbers. They asked questions on proving some theorems through Mathematical Induction (MI). Then they asked to explain about my project. I was asked very basic yet intelligent questions from them. Then I was asked about BAJA. Explained everything and was asked basic questions. Then they asked about relevance of differential equations, Z- transformation and other math stuff in real life. I gave them an example of determining velocity, acceleration, etc., from displacement curve through differentiation. Then they asked to illustrate a particular phenomenon in graphical terms (It was about how employing an optimum number of consultants will maximize profit for a company). After that they gave a situation: You are the owner of a manufacturing firm. Tell 5 things which will affect your profit margin. I told 3 (manufacturing method, labour cost, distribution cost). Interviewer stops and asks how to optimize distribution to cut down cost. Blabbered something and

the interviewer laughed. Then he suggested something. At last, he asked whether I had any questions. I politely answered NO and was finally left out.. Phew.!! When everyone was coming out in 10 min, I stayed for nearly 50 min.

Second round:

It was supposed to be an HR round. I went in. A lady asked me to introduce myself. Introduced and started talking about my internship. I was asked basic questions. Then she asked why I wanted to switch over to an analytics job. I said was interested in math. Then she said "Nice meeting you. You may leave". Interview over in 10 min whereas for others it lasted for nearly 40 min. And finally the good news came.



ASHOK LEYLAND

Placement experience by PARTHIBAN .R

Company's Name	:	ASHOK LEYLAND
Nature of job	:	GET (Graduate Engineering Trainee)
Salary	:	3.3L (During training) 6.9L (During job)
Selection Process	:	Written test, (HR+TECH) interview
Bond details	:	2yrs bond after training
Eligibility criteria	:	CGPA 8 above and no history of arrears
Date	:	October
Students placed & contact no.	:	PARTHIBAN .R (9176295520)

EXPERIENCE :

Hai juniors... for ashok Leyland the written test will be the same set of questions asked every year , so you can have a look for them in the internet. No tension of GD.

But it will be a little hard to tackle HR and TECHNICAL interview round.. be sure in the following subjects :

SOM, Manufacturing Technology, Automobile basics.

Have a clear idea of ur project . They will ask you much about your project line and your internship experience and implant training u had undergone.

All the best....



Placement experience by S.L.Subhakar

Company's name : ACC Concrete

Salary : 3.9 L per year during training after that 4.25 L

Selection process : Written test, GD, TECHNICAL + HR interview

EXPERIENCE:

After attending 20+ companies' interviews I got placed in ACC concrete. The interview was held in the month of January. There were two members in the interview panel. They conducted the interview in the following order...PPT, WRITTEN TEST, GD, and Direct interview. In the written test questions were only from technical side, totally 30 one mark questions from the following fields : manufacturing, thermal, KOM, Fluid mech and som and there were eliminations based on the score. GD topic given to us was "MONEY, FAMOUS LIFE and BEING A GOOD MAN-WHICH IS MOST IMPORTANT THING IN OUR LIFE" really a different one & I chose "being good man is most important". There was an

elimination in this round too. After the GD got over they shortlisted five mech students and five civil engg students for the next round. In the direct interview 5 to 6 questions only they asked from technical side.(what is the diff between spur and helical gear, applications of roller bearing,something about lubricants....lyk that...) but there were so much questions from hr side. All the questions were situation based qns to identify one's mentality, behaviour and attitude. From my experience I said that the body language of a candidate is a very important thing in these type of hr rounds. And always try to be honest to the interviewers because they are experienced people& and easily can judged who you are? And finally they selected one civil guy with me.

& ALL THE BEST to my juniors



Placement experience by Sudharsan

Company's Name	: VA TECH WABAG
Nature of job	: not yet known till now (expecting-detailed engineering or work in plant)
Salary	: 3.35L/annum
Selection Process	: Written(apps), GD,Tech & Hr interview
Bond details	: nothing
Eligibility criteria	: 7.5 n above with no current arrear
Date	:
Students placed & contact num	: sudharsan-9597763141, Nimal kumar

EXPERIENCE:

1. One important thing I want to tell is plz do spend time in preparing for apps during ur holidays whenever free to clear ur written test.

2. For GD just look out for common asked topics in net n prepare urself with ur frnds. All they expect is ur fluency and the way u present it and not the content (but don't put unrelated content). Be confident when u put your opinion.

3. For tech interview, for the companies I attended (Rotark,, wabag) the questions generally were from my proj I did in my intern. So it was easy for me to answer. But be prepared for a little from SOM and MANU, from where most of the question are generally asked.

4. For HR theyl check whether ul stay in the company long enough. Ul never know hw theyl tackle u. but wel kind of spit out what really is in our mind at that time. Don't get caught by uttering a lie, thinking that u might get a job with that ans. Its really hard to tackle the forth coming questions which will be mostly related to it.

GENERAL INFO:

Never ever argue with the questioner too much. Few like it, few dont. I lost ROTARK bcz of arguing. The HR said my proj was useless n i defended him with few questions. Later I asked a senior in that company abt y I wasnt selected n the reply was out of 4 people 3 wished to have me in but the 1 (main HR) didn't like

me since I argued n proved him wrong . So be careful with that. Other than this, have contact with other coll people(PSG) coz there is more possibility of getting the same question paper for a company which has been to that coll. If ur CGPA is around 7.5 better try for software too if ur strength is too large.

TECH questions:

1. Hw to measure the dia of a pipe?

Ans: $Q = AV$.. he expected tis ans. U can also tell vernier and stuff, if question is in general like this.

2. What is the unit of power?

3. Y do they use aluminium in car radiators?

HR questions:

4. What is ur strength and weakness?

5. Will u be able to stay away from ur parents for long time since u have already been away from them for past 6 yrs?

6. Whats is success?

Ans: I said SATISFACTION.

7. What is the difference between satisfaction and happiness?

Ans: I gave few expamles for tis than his next questions was

8. Have u ever read any books regarding success?

Ans: I said nope n im a player n spend most of the time outside and not inside.

9. Few questions were related to my sports.

10. If I (HR) give 1 crore rupees, will i(me) deposit it in the bank or will I give to EQUITYs?

Ans: I said il deposit since I have a family to take care.

11. What will the EQUITYs do if everyone deposits money in bank nad hw will they survive?

Ans: I said if that's the scenario, il allocate money to them.

12. Where did ur family go now?

Ans: I said I have to adopt myself according to everything that's around me. So il split according to the need and share with people.

These were the questions asked for me. So be prepared to tackle everything. Put forth a confident answer. Do ask the concerned senior who has placed in that company once u know they are coming so that if he knows something hel help u.

ALL THE VERY BEST GUYS!!



Way of Life!

Placement experience by Naganathan. T

Selection Process : Written test, Interview.

INTERVIEW EXPERIENCE

Interview is conducted in two panels. One is technical & HR and other one is purely HR. I entered into the first panel. There were two persons. When I entered into the room the CUIC attender brings tea and vada. They told me to take it. But I refused and some funny things were happened. The first question is for me is "How to make vada". Somehow I explained it. And then they asked me to introduce myself. After that they started the technical side.

Interviewer: Why most of you are putting CASTING TECHNOLOGY as your area of interest?

Me: our professor attracted us while taking casting with lot of practical videos.

Int: tell some types of casting?

Me: I told some 5 or 6 types.

Int: did you see any product of centrifugal casting?

Me: ya. Drainage cement pipes are made by centrifugal Casting. And I explained the process.

Int: what is max & min dia can be made by centrifugal casting?

Me: I don't know exactly but I think the range is b/w 50cm to 5 meter. (just I guess)

And some more questions from casting.

Int: did you know about welding?

Me: I told that what is welding and some 5 or 6 types.

Int: tell me about resistance welding?

Me: I explained the process.

Int: In resistance welding where the resistance is high and why?

Me: I asked a paper and draw the resistance welding diagram and explained the reason.

Int: if we want to increase the heat in metal joint in resistance welding whether we need to increase the current or voltage?

Me: I don't know sir. But by ohms law V & I are directly proportional. So if increase the voltage, current also will increase.

Int: will you increase current or voltage?

Me: sorry sir I don't have any idea.

Some more questions from welding.

Int: did you undertake any ipt?

Me: yes sir. In ashok Leyland hosur plant.

Int: how many days?

Me: 6 days.

They just laugh at me. And ask within that 6 days what you have learn?

Me: they gave me only 6 days sir. So I can't learn more things technically. Just I saw all the automobile parts, chassis assembly and engine assembly. So that I can get some idea about the engine and bla bla..

Int: tell some properties of gold.

Me: I just blabbered like shining, rust free, blab la..

They laugh at me and told me talk like an engineer.

Int: have you heard about Amrister golden temple?

Me: yes sir.

Int: in what process that golden roof was made?

Me: I don't have any idea.

Lot of questins from metallurgy.

I don't know the answer for most of the questions from metallurgy.

Int: tell me about the IC engines;

Me: I explained the parts, working, common problems occurred in engines etc..

Int: if you interchange the engines in petrol and diesel car what will happen?

Me: I deeply explained some technical issues.

But they are not satisfied.

Int: see the AC in this room. What is the TR of this AC?

Me: 1.5TR.

Int: what does it mean?

Me: explained about what is TR and something related to air conditioning cycle.

And lot of questions from various subjects. Nearly 50 mins of technical questions.

If I don't know the answer I frankly said "sorry sir I don't know".

Then they go for HR questions.

Int: can I talk to you in hindi?

Me: no sir. I don't know hindi.

Int: in delhi all of them talk only in hindi. How can you manage?

Me: since I have studied in tamil medium English was also very difficult for me when entering into this institute but now I can manage. So learning a language is not that much difficult for me. I have enough time to learn hindi before I entered into maruti.

Int: why do you like maruti?

Me: the price of maruti cars are comparatively cheaper sir. So even middle class people are afford of it sir. Since I'm from middle class family I like maruti .

Int: why should I hire you?

Me: I will be the best part of maruti sir.

Int: how? You can't simply said that. Justify your answer.

Me: I can't say how but I assure that I'll be the best part of maruti if I get a chance.

And some more HR questions.

Int: do you have any questions?

I said no.

Finally 1 hr of interview got over.



Placement experience by Arun Kumar

Company's Name	: Carborundum Universal Ltd.
Nature of job	: Core
Salary	: 3.5 lakhs during training and 4.0 after training
Selection Process and technical Interview	: Written Test, PPT, Group Discussion, HR
Bond details	: 2 yrs from the date of joining
Eligibility criteria	: Cgpa : 6.5+
Date	: 20th December 2012
Students placed & contact num	: Arun Kumar, Sameer, Srinivasan

EXPERIENCE :

Hello Juniors,

This is Arun Kumar from the 2009-13 Batch. My Cgpa towards the end of the 6th semester was 6.9. Well, firstly my advice to you, especially, the average 6 and early 7 pointers is that do not lose hope if your cgpa is low. The rounds which come after the written test are purely based on your own skills and your marks do not count. This was my 15th company and the 1st one in which I managed to clear the written. I know...you have to be really patient. I really lost hope after sitting for 14 written tests and not qualifying in any of them. On the 15th of December, my placement representative formed us that Universal Carborundum Ltd is conducting a written test. As usual I went and wrote the test with no hope. Two days later my placement rep called me and told me that I have been shortlisted for the next round along with 2 of my classmates (both 8 pointers) and 7 others (again all 8 and 9 pointers) from the other batch. After an hour I was notified that both of them from my class got placed in exide industries. It was relief as the competition was reduced, but again there were 7 more and I was clearly the odd one out being a 6 pointer.

On the 20th of December, at 10:30 a.m the panel from the company conducted a short ppt after which the GD was held. A point to be noted here is that they gave

each group (8 in each) only 7 minutes to talk! So my advice is before you begin, jolt down the points and be very clear in presenting your ideas, do not over do your accent and do not try to stop others from making their point. If possible try to coordinate the group and make sure everyone presents their ideas clearly. After all the groups finished, a panel member announced the results in which me along with 2 others from my group and the no. from mechanical was now reduced to 5. Again, if I remember correctly there were 3 8 pointers and 1 9 pointer. This got me really nervous and I kept the faith.

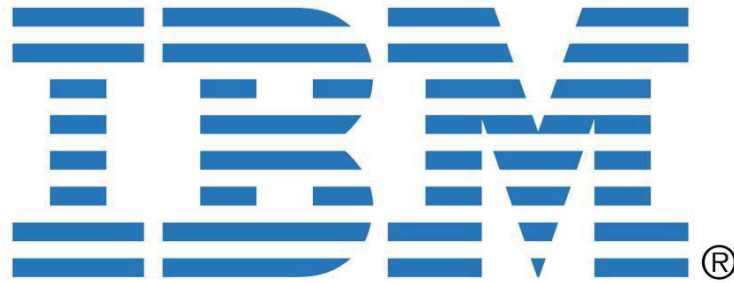
The mechanical students were interviewed first. A friend of mine went in and came out after 45 minutes. He told us that they are asking questions from our respective area of interests. I was called next, I went in with a smile on my face and a trembling pair of feet since it was the first time I was facing a panel. I asked their permission to sit and they started with their usual question “tell us about yourself” and “What are your strengths and weaknesses” etc. I did my homework and kept ready-made answers which impressed them. I told them I knew around 5 languages and they seemed to be impressed and started asking me questions in different languages and I answered them as well. Another question which shot me on the face was “Why should we hire you when all the others are 9 pointers

and your marks are low when compared?" To this I replied honestly saying that," I slacked off after my 12th exams and it was too late when I realised that my marks weren't good enough and it has cost me rejections from 14 companies, but I've realised my mistake and will not repeat it again " . One of the member said that it was a good reply. So just make sure that you are honest and to all the HR questions make sure you blend a little comedy into your answers which in my experience could turn the game to your side. Apart from this they asked a lot of basic technical questions which were from my areas of interests. At one moment, I stopped them and asked if the questions were at all even related to the company. They chuckled and replied saying that" We were waiting for you to stop us!!". It went on for about an hour. Towards the end, panel smiled at me returning my resume thanking me for my time with them and wishing me luck (more like a virtual yes!) and I left the room.

The results were out later in the evening at around 7 p.m. 3 from mechanical were chosen. So the bottom line is, be confident and do your best.

All the best to all you guys!

Arun Kumar



Placement experience by R. Dhivagar

Company's Name : IBM GBS India Pvt. Ltd

Nature of job : Business Soluitons / IT

Salary : 3.4 lacs per annum during training

Selection Process : 1. Aptitude test

2. Communication Test (E-mail Writing)

3. GD

4. Final Interview

Bond details : 1 year from training

Eligibility criteria : 6 above. No current

Date : September 21st to 23rd 2012

Students placed & contact num : R. Dhivagar 9047163629

Mail Id : dhivagar.mech@gmail.com

Facebook URL : www.facebook.com/dhiva.ceg

MY EXPERIENCE :

Hi my dear fellow juniors !!

Petromax light ye (core job) thaaan venum apdinu think panra aalunga take it this as sample alone !!

Is that IBM is your first company ??

No ! I am little proud to say that this is my 10th company in which my first written got cracked !!

What happened in all the 9 companies ??

I can say only one word Luck. Since that was far away from me even though I performed well I couldn't crack it.

How can u be unselected if u performed well really ??

Well ! many of the companies when they call many departments they will select in random manner. But no all companies. Some people evaluate perfectly. So, in both the cases my luck didn't favour for me.

How was the IBM written test ??

It was simple only !! the written test consist of three sections 1. Finding the missing numbers 2. Logical reasonings 3. Numerical aptitude. But the

problem here is the “ time”. You will not have much time. For example for first section they will ask you to complete in 6 mins.

They will give an IBM ref no. at starting and this number helps during results and a cover consisting all the Q.papers. But you are not allowed to open it unless they mention. They ll ask you to open it and take the first test paper and finish it within time and put it back in the cover then take the second when they tell and so on!!
How was the Next round ?

They announced the result at evening. So the next round was on 22nd Sep. It is Email Writing. Don't Worry !! They will give a big passage. You should read that and summarize nit and write in six sentence.

Writing Six sentence is not so important but keep it in ur mind it is an E-mail. So, how an email should be???that's plays the role.. start with “Dear client/sir/madam/name” ends “with regards , name of the person writing “. That's all !!

Ok ! got selected for GD so how it was ??

Around 12 per team !! they will give the topic !! for me its “ Credit card is boon or not “. How it going to start Its depends upon the panel member. For me he asked to speak all 12 persons one by one. He pointed me only to start first

since I was sitting first in the row. After everyone finishes if you want to oppose anyone's point you can talk. I tried three times but those guys didn't allow. So totally I talked only one time throughout the GD.

So , Now final phase huh !! Interview !! (kannu laddu thinna aasaiya) !!

Once you got selected from GD they will ask you to submit the resume with marksheets. The next day we had the interview (23rd sep. my wonderful day). But anga vachaaanga aaapu !! they started calling names by the resume submitted order. I and my gangs submitted so earlier itself !! so think now !! we were in the bottom of pot !! We were waiting waiting waiting long waiting...our name was in the last fifty . Totally exhausted !!

Enough of stories come to the questions !!!

Went inside the room !! since it was big room already three interview was going on. On table was empty that was for me !! I was waiting. HR came..

Me : Good Evening sir

Hr. : Good Evening ! Sit Down.

Me : thank u sir. This my resume and this my file.

HR : (looking all the leaves of the file) You have got good marks in school and college.

Me : yes sir yes sir

HR : Ok ! tell me the project you did that wind mill u have mentioned here.

Me : I explained

HR : Okay !! why do you want to Join in IBM ?

Me : I lied (job venum la)

HR : (showing a puzzle sketch) have you heard this puzzle before anywhere ??

Me : (thinking in mind because I know what puzzle it is and what answer it is) No sir, Now you tell me

And I will try it sir .

HR : (explaining the Puzzle) okay solve it I will come (leaves the hall comes after 2 min)

Me : I drew some few sketches of the puzzles and scribble something that I working out the answer

HR : Did u complete ??

Me : Yes sir !! is it correct sir ??

HR : ya absolutely !! okay how you can be suitable to IBM ?

Me : I explained with extra-curricular skills.

HR : okay !! do you have any questions ??

Me : asked two questions

HR : okay thanku ! you can leave..

Me : thanku sir. Was waiting outside ! a Guy came and said dhivagar you are selected you can go to vivek audi for rest of the proocedures..

“ALL THE BEST JUIINORS SEE YOU AT IBM”



Placement experience by Saravana kumar.B

Company's Name	: Michelin Tyres
Nature of job	: GET
Salary	: 4.2L
Selection Process	: PPT, Written, HR Interview
Bond details	: 5 Years
Eligibility criteria	: 7 and above
Date	:

Students placed & contact num: Saravana kumar.B, 8870200072

EXPERIENCE :

No technical in written test. Only apps and 12th grammar.

One HR interview in college.

Selected students from HR interview in college have interview in Vadapalani Office..

Two or three technical and HR interview will be held.

Max HR only. For me 2 HR interviews held, each one hour.

For those who have technical interview, they asked about TQM and about rubber.



G R O U P

Saipem

Placement experience by K.Saminath

Company's Name	: Saipem
Nature of job	: design-Piping engineer
Salary	: 3,00,000 /- CTC
Selection Process	: Written test, technical interview
Bond details	: no bond
Eligibility criteria	: 7 and above with no current arrears
Date	: 5th feb,2013

Students placed & contact num: K.Saminath-9600013586

Somnath-9962675265

Ananth-9841125628

EXPERIENCE:

I have attended about 14 interviews and some 13 gd.

Now, I will share few incidents which I remember:

1. ASHOK LEYLAND-My first interview

I didn't answer most of the questions right in this interview. They asked questions from my areas of interest only. But still I answered all questions wrong. The reason is at the last moment I changed my area of interest from Heat treatment to SOM. Some of the questions which I remember is :

- Draw the bending moment diagram(BMD) for a cantilever beam with load at the end
- BMD for some diagrams he showed me.
- Difference between elasticity and plasticity
- Some Ic engine questions-valve Timing diagrams for four stroke si engines
- Name the Materials of connecting rod, valves etc.,

2. Century metal recycling(CMR):

Since I didn't answer most of the questions right in SOM, I changed my areas of interest to heat treatment again. Unfortunately, I took my old resume and went

inside where I was got struck again in my area of Interest. This too went bad again. I dont remember most of the questions. But many questions were the same as before.

3. MARUTI SUZUKI

This company conducted its interview after 3 months from its written test. Me including my friends thought we would break through this since our immediate seniors many got placed in this company (8 from 10).I prepared well for this interview technically. They asked questions from the industrial training and I didn't answer proper. So, I was rejected in this company too. I did my industrial training in an automobile company

Questions:

1. What type of engines they produce there?
2. Why the pulsar bike engine is a 2 stroke engine?(actually it is a 4 stroke one)
3. Some Hr questions

4. JGC AND ISGEC

These two interviews were conducted on the same day for me. These two were about to happen at the same time. And in nervous I was not able to answer what

is the 2nd law of thermodynamics even(Thermodynamics was my other area of interest).

Questions asked in JgC were all HR questions like

1. Tell me about yourself
2. Why should I hire you?
3. Wat is the difference between confidence and overconfidence
4. What is the difference between smart work and hard work? etc.,

Questions asked in Isgec:

1. State 2nd law of thermodynamics (both Kelvin Planck and Clausius)
2. What is LMTD? Draw the variation for counter flow heat exchanger?
3. Draw the rankine cycle with reheat and regeneration process
4. Bernouli s equation
5. Three mode of conduction

5. Reliance:

1. How does a pump work?
2. What is NPSH
3. What is the advantage of it
4. Some questions in my project

5. Different types of impellers?
6. Difference between positive displacement and variable displacement pump

6. Rane

1. Tell some measuring instruments you know
2. What is the least count of bevel protractor?
3. What is the least count of vernier Caliper?
4. How do you calculate the least count
5. What are all the difficulties you will face when you are employed in a production sector
6. Heat treatment Questions- What is annealing?
7. Why do we do surface hardening ? Some applications of it

7. Foster wheeler:

1. What is thermal stress?
2. Joule cycle
3. What do you know about foster wheeler?

8. AFCONS

Here they got our mark sheet and seeing our grades they asked questions in which we got some good grades

1. Explain the welding process
2. Name the types of welded joints. Draw some types of it
3. Why flux is applied in the electrode

9. Saipem:

1. What Is annealing?
2. Define viscosity
3. Types of boiler
4. Difference between induced draught and forced draught
5. Ohms law
6. Kirchoffs law of radiation
7. Why a zero watt bulb is known as zero watt?

Written test:

For technical: Try to now the basics of all subjects because each company will ask different questions from each subject. The important ones are SOM, IC Engines, heat transfer and thermodynamics.

For aptitude: refer Quantitative aptitude by RS Aggarwal

In general, browse through the internet to know the questions of each company. Many companies will ask the same questions for many years.(eg-ASOK LEYLAND,L&T)

GROUP DISCUSSION

Many topics will be repeated.Some of them are:

1. FDIi- good or bad
2. Are Indians less quality conscious?
3. Solutions for power cut in Tamilnadu
4. Consumers are the real kings in India
5. Are MNCs superior to Indian Companies
6. Can India be the factory of the world?

Interview :

Interviewer will not expect you to be genius. Just answer the questions proper. They expect us to know what a basic mechanical engineer should know.

Dos and dons:

1. Don't be nervous
2. Don't keep on changing your resume(mainly your areas of interest)
3. Know your resume well
4. Fix the area of interest and study it thorough
5. Improve your soft skills (communication skills, speaking skills)
6. Remember the above point is very important since no company need people with less communication skill
7. Know about the company well not in deep but just try to know what they do, their products and their services
8. Try to answer any questions from Industrial Training and your project
9. Try to explain your project brief and good. If you are not a good speaker, practise yourself explaining your project and the experiences in the industrial training to your friends. This is very important since interviewer can judge both your technical and speaking skills well in the explanation of your project and training.
10. If you don't know a particular answer, say I don't know. Don't try to convince your interviewer with your answer. This may show that you are rude. So to avoid, say I don know.

11. Don't answer with one word for any questions. Try to explain it a little atleast.

12. If you are not doing well in the first stage of your interview, don give up. Try to answer the remaining questions proper since these answers may make them impress.



Placement experience by Sriram P

Company's Name : Reliance Industries Limited

Nature of job : CORE

Salary : Training – Rs.5.5 lakhs per annum (C.T.C)

After training – Rs 6 lakhs per annum (C.T.C)

Selection Process : Written test, technical interview, HR interview

Bond details : NO BOND Eligibility

criteria : 7 and above GPA Date

: November 1th, 2012

Students placed & contact num: Sriram p - 9500471545

Sivasankar - 9003422369

Dakshin – 9944622778

EXPERIENCE:

Hi friends, Hereby I would like to share my placement experience with you

Process:

- 1) PPT
- 2) Written test
- 3) Technical interview
- 4) HR interview

PPT:

We had PPT in HM hall. Many higher officials persons (various division Heads from Reliance petroleum Limited , Jam Nagar , Guajrat)were came to ppt.. They were explained briefly about reliance industries especially petroleum field and trainings and work nature etc.

Written TEST:

IN this, they were handled new procedure. We had two section

1. Aptitude test: it was as usual.. just refer R.S. agarwal book..its enough to clear all companies aptitude test. (Totally 60 question time: 30 min)
2. Technical test: they were asked question from many subjects like

Strength of materials, Manufacturing technology, Heat and Mass Transfer, Fluid Mechanics , Engineering Mechanics.

(Totally 90 question time:30 min).

In aptitude test, for each question 1 mark In

technical test, for each question 2 mark

They were took average of two test marks ...

TECHNICAL interview:

They were asked about my projects. I explained my all projects around one hour. After that I was asked some question about petroleum industries and work of nature.. that's it...

HR interview:

First they were asked about myself , parents and family background . They were asked some activities apart from curriculum based upon, I were mentioned in my resume. They were gave some some situational question based upon my social activites. that's it .

TIPS:

Hereby I would like to tell you some tips. Every students will give project details in resume.. the value only depends upon its

1.ON going or finished.

2. Industries projects or not.

So try to do one industry project within third year.

Make strong yourself in following subject. it will be useful for all companies..

1. Manufacturing technology I & II
2. Engineering mechanics
3. Some basics from Engineering graphics
4. Thermodynamics
5. Heat and Mass transfer
6. Fluid mechanics
7. Design of machine elements (for some automobile companies)
8. Thermal engineering.

Don't think like they will ask question only from ur Area of interest.. mostly it wont happen .. but likely it will happen....

ALL BEST



Placement experience by V. Vijaya Rengan

Company : Whirlpool

Date : August 31

Salary : 4.5 L p.a

Selection Process : Written test, GD , Interview

Students who got placed : Vijaya Rengan (9488478849) , Aravind Srinivas

The written test was a combination of aptitude and technical questions. Technical questions were mainly from previous GATE papers. Based on the score ppl were selected for the next round which is GD. It is also essential for you guys to have a basic knowledge on economics and current affairs. Out of 30 who got into the GD, 13 were qualified for the interview. In interview an important thing to be known is the post for which you are being recruited and the interviewer's

expectation. The interview started with “Tell me about yourself” followed by “your industrial experiences and simple technical questions on those areas”. They focussed mainly upon managing skills like some situation based questions. Finally 2 students from mechanical engg and 1 from industrial engg were selected.



Placement experience by Yasar Arafath N

Company's Name : JGC Gulf International

Nature of job : Piping Engineer, combustion engineer
Project engineer.

Salary : 1300 USD

Selection Process : GD,HR interview

Bond details : No bond

Eligibility criteria : 7 and above

Date : January 3rd and 4th , 2013

Students placed & contact num : N.Yasar Arafath 9566378005

S.Vinoth raj 9566040446

Group Discussion:

Topic: Industry contributing to the economic development of the country

Problem faced by youth in the modern world

Tips:

1. Talk boldly and loudly.
2. Give chance to everyone.
3. Read newspaper and get updated to the current issues (Eg. Foreign Direct Investment in India, Delhi Rape case, etc during our placement time)
4. Please talk upto the point. Don't blabber something.
5. If you start and conclude the discussion, it will add you more marks. Starting and ending should be in a good manner.
6. If anyone is telling some point, listen to it very carefully.
7. Don't interfere much on other points, allow them to tell their points.
8. If you don't have any idea about the topic, better don't start the discussion. If you start it wrongly it will create a bad remark on you.
9. If you don't have any idea about the topic, listen to what others speaking, so that you will surely get some points on the topic.
10. If anyone is silent for more than 5 mins. Make them involve into the discussion by saying I would like to get some ideas from so and so.

General GD topics:

Foreign Direct Investment in India

Women Empowerment

Should Sachin retire

Things contributing to the economic development of our country.

Corruption in India

Tobacco consumption

Olympics in India

HR Interview:

Questions:

1. Tell about yourself
2. Ur strength and weakness
3. Greatest achievement done before
4. Biggest failure you have faced, why it happened
5. What kind of person you are ?
6. Why you chose mechanical engineering?
7. Why you chose CEG though you have good colleges in your own hometown?
8. What you learnt from the first day of your coll till now?

9. Short term goal

10. Long term goal

Tips:

Be honest and be yourself.

Speak boldly and politely.

Don't shake your legs or rotate chair.

Convey your ideas in simple English.

Tell about your family background in a short and sweet.

Have a pen in your pocket and some paper in your file.

Technical Interview:

Learn basics in all subject

Should have deeper knowledge in your area of interest.

Tell your answers with practical application

Tell about your project for at least 20 mins and relate your project with some practical application.

If you don't know the answer. Don't blabber something. Tell I don't know.

Personal Experience:

In my interview, I don't have any technical questions.

Questions posted to me are:

1. Are you ready to work in gulf countries ?
2. Will you leave your parents and work their ?
3. Tell about your family?
4. Other than studies , what you have done in your school and college life?
5. You are in a decision making panel. You are one among the 10 people of the decision making panel. only if all the 10 people accept a decision, then it will be established. There are two plans A and B. Plan A got some disadvantage and it will lead to some loss for the company. Plan B is good and it will give some profit to the company. You go for plan B and remaining 9 people chose plan A. what will you do? No one is accepting plan B. they are not listening to you. If at all everyone approves a plan. Then only it will be established. What will you do?

My answers:

1. Ya. From my childhood I want to live in gulf countries. If my wish happens through my job. I will be more happy.
2. Of course. I am now a hostellate and I am leaving my parents and studying now. I ll go to home twice in a semester. So I can leave my parents and work in foreign countries without any heart feelings.

3. My father is so and so and he works as an lic agent. My mother is a house wife. I have one sister and she got married and settled in dubai now. My father is working from his age 15 and he is a very hardworker. I learnt the meaning of hardwork from him. Since he is working from his childhood. I want to give him a break now.

4. In school, I participated in sports activities like Kho-kho, cricket,etc.,. in college, I consistently took part in both cultural and technical symposium by conducting many events.,.

5. I will go with plan B and tell all its advantage and disadvantage of plan A to panel members. Then hr said they are not accepting your points. Then I said boldly “ok. I ll go with plan A. I have said the disadvantage of it. If they din accept means let them face the consequences”



Placement experience by S B Aswath

Company's Name : COROMANDEL INTL

Nature of job : CORE

Salary : training – rs 6 lakhs per annum

After training – rs 7 lakhs per annum

Selection Process : Written test, GD, technical interview (HR
interview in few cases)

Bond details : NO BOND

Eligibility criteria : 7 and above GPA

Date : September 7th, 2012

Students placed & contact num: S B Aswath - 9952163350

V Rajesh - 9003745392

EXPERIENCE :

Hi friends , this is my experience about placements.the selection process is as follows

- 1) Online test
- 2) PPT
- 3) GD
- 4) Technical interview

ONLINE TEST:

In online test we had around 30 objective questions from various core subjects like SOM , fluid mechanics, manufacturing etc. there is only technical question, no aptitude test. If yor are thorough in basics of all core subjects you can easily clear the test

PPT:

After online exam we had PPT in HM hall. There various officials from coromandel had coma and they explained about murugappa group and also the office structures, how they conduct training etc. in coromandel. They also encouraged us by giving prizes for questions asked in the ppt.

GD:

Group discussion we had around 5 batches. the topics for the GD are, women empowerment, are multinational companies more beneficial, Olympics etc..

Tips: try to start or conclude the GD, speak softly and confidently.

TECHNICAL interview:

In this they asked few personal questions and technical questions. Some of the technical questions asked are

- 1) Draw iron-carbide diagram
- 2) Draw few cycles in thermodynamics
- 3) What is coupling
- 4) What is critical speed of shaft
- 5) What is grinding, milling types etc
- 6) Types of gear
- 7) Few questions in fluid mechanics

TIPS:

Be thorough in basics and answer with full confidence. For written test GATE books can be used. Be strong in your areas of interests. Explain your projects briefly.



Placement experience by Narayanan. S

Company's Name : Century metal recycling
Nature of job : Core
Salary : 4.6 lakhs
Selection Process : PPT, written test, interview
Bond details : 2 years
Eligibility criteria : 6.5 above no current
Date : 06/10/2012

Students placed & contact num : Narayanan S --9566364979

Prithviraj S -- 8056291274

Hi juniors,

This is Narayanan... For the first 7 companies I didn't clear the written itself..... So whatever may happen.. Don't lose your confidence... Prepare for technical in Khurmi and aptitude in agarwal.. For me written test consists of 30 questions.. 20aps,10 tech .. they also asked to write, whether u know hindi in

written.... I also attended thermax company... I cleared the first written in thermax oly.. after that GD...(Topic : Profit is the only profit in business).. No elimination in GD.. but I didn't cleared in interview.. Luck plays a vital role...

IN CMR :

Interviewer : Introduce urself

Me : I spoke about 30 mins about my resume, native place, extra-curricular activities.. (imp thing is Validate it)

Interviewer : any questions ??

Me : Then I asked many things which I saw in

PPT.. After that.. 7pm they announced the results..

Prepare hard.. Be patient... Don't look for the salary and sit in the company... Get a job and go.. Don't look for specific company..

-----ALL THE BEST-----

END OF PLACEMENT EXPERIENCE 2012-13