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# Placement Awareness & Preparation

You need to start preparing for your Placement right away. Many top companies will be coming to recruit you and their expectations are very high. That means to meet those expectations what you need is systematic and focused preparation for at least a year.

# Why is it very important ?

Since so many product development companies are visiting our Campus for Placement you must concentrate on Problem Solving & Coding Skills. All of you without an exception must start practicing coding in platforms such as Leetcode, HackerRank, Codechef, Codeforces etc. Leetcode questions especially are very popular with interviewers. Start with Easy and after a few months of practice you can start working on Medium difficulty Questions. You must also start participating in Coding Contests conducted by several companies. Coding Contests details are provided in a link below.

Some companies such as Intuit have given feedback that our performance is not up to expectations especially in the Coding Tests. You must understand that Problem Solving & Coding Skills are extremely important for your Placement. It is important that you understand the significance of Problem Solving & Coding and start practicing in Coding platforms asap. Other wise we will receive the same feedback from companies next year also.

Data Structures & Algorithms is also a very important subject. Your core subjects such as Programming Languages, DBMS, OS, Networks etc are also important. Awareness on Emerging technologies such as Cloud Computing, Data Science, AI/ML is also important.

There is no time to wait. You have to start Coding in some of these platforms asap if you are planning to get into companies such as Google, Microsoft, Amazon, Atlassian, VMWare, Intuit, Oracle, Cisco etc.

# Feedback from Companies

Every year we hear feedback from some companies that the Coding Skills of our students did not meet expectations. Some companies did not select any student citing that no student met their expectations. You must take these feedbacks very seriously so that we don't get such feedbacks next year.

# Resources for your preparation

## C/C++ Programming ( Text Tutorial )

<https://www.learncpp.com/>

## Introduction to C Programming ( 9 Videos )

<https://www.youtube.com/playlist?list=PL2_aWCzGMAwLSqGsERZGXGkA5AfMhcknE>

## Java Programming

<https://infytq.onwingspan.com/web/en/infytq-login>

Register on infytq portal and access the Java Programming course

## Python Programming

<https://infytq.onwingspan.com/web/en/infytq-login>

Register on infytq portal and access the Python Programming course

## Problem Solving & Coding

**Neetcode Youtube Videos ( Problem Solving & Coding )**

<https://neetcode.io/>

**Techdose Youtube Videos ( Problem Solving & Coding )**

<https://www.youtube.com/c/TECHDOSE4u/playlists>

**Programming Interview Questions**

<https://www.youtube.com/playlist?list=PL2_aWCzGMAwLPEZrZIcNEq9ukGWPfLT4A>

**Registration to Leetcode ( for Problem Solving & Coding )**

<https://leetcode.com/accounts/signup/>

**Registration to HackerRank ( for Problem Solving & Coding )**

<https://www.hackerrank.com/auth/signup>

## Data Structures & Algorithms ( 42 Videos )

<https://www.youtube.com/playlist?list=PL2_aWCzGMAwI3W_JlcBbtYTwiQSsOTa6P>

**Sorting Algorithms ( 8 Videos )**

<https://www.youtube.com/playlist?list=PL2_aWCzGMAwKedT2KfDMB9YA5DgASZb3U>

**Binary Search ( 7 Videos )**

<https://www.youtube.com/playlist?list=PL2_aWCzGMAwL3ldWlrii6YeLszojgH77j>

**Visualizations of Data Structures & Algorithms**

<https://www.cs.usfca.edu/~galles/visualization/Algorithms.html>

## Operating Systems ( 37 Videos )

**IIT NPTEL Course**

<https://www.youtube.com/playlist?list=PLEJxKK7AcSEGPOCFtQTJhOElU44J_JAun>

## Relational Database Management Systems

A Guide to SQL 8th Edition – By Philip Pratt & Mary Last ( Ebook )

<https://drive.google.com/file/d/0Bwwy_cB1AkZBOTc4OGViektORTg/view?usp=sharing&resourcekey=0-OrI2-yq0JnMB3sxMn3KERA>

Infytq Course

<https://infytq.onwingspan.com/web/en/infytq-login>

Register on infytq portal and access the RDBMS course

## Computer Networks

**Networking Fundamentals ( 16 Videos )**

<https://www.youtube.com/playlist?list=PLIFyRwBY_4bRLmKfP1KnZA6rZbRHtxmXi>

**Subnetting Mastery ( 14 Videos )**

<https://www.youtube.com/playlist?list=PLIFyRwBY_4bQUE4IB5c4VPRyDoLgOdExE>

**Network Address Translation ( 8 Videos )**

<https://www.youtube.com/playlist?list=PLIFyRwBY_4bQ7tJvbLA9A0v8Fq9l-H923>

# Placement Awareness Sessions

Watching these Videos will enlighten you regarding Placement and how to prepare for the top companies ( 7 Videos are there to create awareness about Placement )

<https://drive.google.com/drive/folders/1nZMwEup0g1uFm8qxBPUeZxQz0IRg6RTH?usp=sharing>

# Job Specs of top Companies

<https://drive.google.com/drive/folders/1RXSZso1w-spVZt8c-xobpJ8D5pV7jzoY?usp=sharing>

# Company Specific Trainings

( Company Specific Information & Interview Questions are discussed in these trainings )

<https://drive.google.com/drive/folders/1p72gk52br6aQnU_7cbvv4P0_f-JG1WaT?usp=sharing>

# Sample Placement Guides

Amazon - <https://docs.google.com/presentation/d/1OeriieEAI2zme_r34MXzUNCWllADSvnf/edit?usp=sharing&ouid=109750171180439275290&rtpof=true&sd=true>

Microsoft - <https://docs.google.com/presentation/d/1doddRAaHn9aLPj7oaN9RrfKeFJhF7_Of/edit?usp=sharing&ouid=109750171180439275290&rtpof=true&sd=true>

Cisco - <https://docs.google.com/presentation/d/1TJ4GBS8D0v1MybKKuZvc7HfUOsEWP8Va/edit?usp=sharing&ouid=109750171180439275290&rtpof=true&sd=true>

Intuit - <https://docs.google.com/presentation/d/1q8wxXVg5vjLRZzcbdqUOWBtbhchBWgrZ/edit?usp=sharing&ouid=109750171180439275290&rtpof=true&sd=true>

VMWare - <https://docs.google.com/presentation/d/1y_Zho4NtF1rCUEpIMObTQ2E4ggbselmb/edit?usp=sharing&ouid=109750171180439275290&rtpof=true&sd=true>

Atlassian

<https://docs.google.com/presentation/d/1tNddOL4tgHygWwvj5wH7cJdeh0ll3Nr4/edit?usp=sharing&ouid=109750171180439275290&rtpof=true&sd=true>

# Sample Placement Process Feedback from your seniors

<https://drive.google.com/drive/folders/1cq-5I56jSJ9Czz2x6MDGdJPdjMvYRa5P?usp=sharing>

# Coding Contests

Your seniors who have got into companies such as Google, Microsoft, Amazon etc. have mentioned about various Coding Contests. You can google the names of these Coding contests and get the details. Top companies look for your rank in these platforms which will give them an idea about your interest in Coding

Please go through the documents in the link to know about Coding Contests

<https://drive.google.com/drive/folders/140SAzyWcLf1Kc8YMhpqWRE16P4PmNus2?usp=sharing>

Please find the Codechef ranks of some Amrita Alumni. With a lot of practice and hard work these students have achieved these ranks and got placed in some of the top companies in the World.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S No** | **Student Name** | **Country Rank** | **Global Rank** | **Codechef Rating** | **Placed in** |
| 1 | Sreeramji K S | 773 | 1643 | 2145 ( 5 Star ) | Google |
| 2 | Srinath Balaji | 89586 | 118577 | 1482 ( 2 Star ) | Microsoft |
| 3 | Sneha S S | 13588 | 17784 | 1785 ( 3 Star ) | Google |
| 4 | Sai Phani Pallapothu | NA | NA | NA | Microsoft |
| 5 | Sri Sharadha R S | 18275 | 23768 | 1722 ( 3 Star ) | Cisco |

I hope by now you all understand the importance of Placement and getting into top companies. We also hope that we won't be getting negative feedback from Companies regarding your performance.

Now what are you waiting for ? Register with leetcode, hackerrank & codechef and start Coding right away. You have to sow now to reap the harvest next year. That means you must start your preparation right away if you want to be recruited by top companies next year.

Wish you all the best.