PLACEMENT FREE RESOURCES

Topics to cover while preparing for the Placements/ Internships:

1. **Aptitude**
2. **CS Fundamentals**
3. **Data Structures and Algorithms**
4. **HR and other Interview Questions**

APTITUDE :

Practice Aptitude from here -

https://www.indiabix.com/aptitude/questions-and-answers/

Its syllabus includes – Verbal, Reasoning & Numerical Ability Questions

Verbal Ability –

1. Word Completion
2. Sentence Completion
3. Error Identification
4. Reading Comprehension
5. Arrangement
6. Formal or Informal Sentences, Sentence Joining
7. Meanings

Reasoning –

1. Word Pattern
2. Letter Series
3. Number Series
4. Seating Arrangements
5. Coding- Decoding
6. Blood Relations
7. Directional Sense
8. Cube Folding, Paper Cuts and Folds
9. Statement and Conclusion
10. Syllogism
11. Data Sufficiency

12. Logical Venn Diagram
13. Visual Reasoning

<mark>**Numerical Ability –**</mark>

1. Number System, LCM & HCF
2. Divisibility
3. Numbers & Decimal Fractions
4. Geometry
5. Area, Shapes & Perimeter
6. Percentages
7. Allegations and Mixtures
8. Ratios, Proportion
9. Work and Time
10. Speed Time and Distance
11. Profit and Loss
12. Averages
13. Equations
14. Ages
15. Series and Progressions
16. Mean, Median, Mode, Variance, and Standard Deviation
17. Pie Charts
18. Tabular DI
19. Graphical DI
20. Simplifications and Calculations (Rational and Irrational Number)
21. Probability
22. Clocks & Calendar

<mark>**PAST YEAR PAPERS -**</mark>
https://drive.google.com/drive/folders/1gFPwRS4JHpDSiOJd0Syyhh0AErn5XRfq

<mark>**YouTube Channel Recommendations**</mark>

1. **https://www.youtube.com/@OnlineStudy4u**

2. **https://www.youtube.com/@Smartstudyforcareer**

3. **https://www.youtube.com/@CareerRideOfficial**

4. **https://www.youtube.com/@ChandanLogics**

CS FUNDAMENTALS

For Internships – OOPS, DBMS, Operating System, SQL

For Placements – OOPS, DBMS, OS, CN, SQL, Cloud (if interested)

OOPS –

CodeHelp Channel & Apna College YouTube channel ; both are best for OOPS.

OOPS NOTES -
https://drive.google.com/file/d/1_j7guQZdReJ9GzMdFhqRscXq9rnquBya/view?usp=drive_link

Roadmap Video: https://youtu.be/wWejXusF9qU?si=s2WZPj-RH8qLCfV9

Roadmap Link - https://whimsical.com/object-oriented-programming-cheatsheet-by-love-babbar-YbSgLatbWQ4R5paV7EgqFw

OOPS Videos - https://youtu.be/i_5pvt7ag7E?si=bJJ3WSgRjqf8wcn2

https://youtu.be/b3GccK5_KSQ?si=3OhLlP7DgHcREE9d

Practice Questions (Interview Specific) - https://www.interviewbit.com/oops-interview-questions/

MCQ Questions - https://www.interviewbit.com/oops-mcq/

https://www.sanfoundry.com/1000-object-oriented-programming-oops-questions-answers/

You can follow Playlist of CodeHelp for Interviews and Apna College Notes for revision.

DBMS NOTES -
https://drive.google.com/file/d/1vmLWJSJStfXRdAwtMFz1Kpj2Nnj7b9hY/view?usp=drive_link

Roadmap Video : https://youtu.be/BQBGORBPytw?si=T7m0B1CX7zutPsmL

Roadmap Link : https://whimsical.com/4th-year-roadmap-to-dream-placement-WB2HTZixtsohXoDcvr6Me7

DBMS Playlist (Interview Specific) -

https://youtube.com/playlist?list=PLDzeHZWIZsTpukecmA2p5rhHM14bl2dHU&si=nEIYPz5ph5DetCee

DBMS Theory Resource -
https://drive.google.com/file/d/1p0AJREKgAnOsR2BABICFURD8a8im1JDW/view?usp=sharing

Interview Questions: https://www.interviewbit.com/dbms-interview-questions/

MCQ Questions - https://www.interviewbit.com/dbms-mcq/

SQL

For SQL, watch APNA COLLEGE Video for interviews and Gate Smashers for Numericals

APNA COLLEGE LECTURE - https://www.youtube.com/watch?v=hlGoQC332VM&t=5477s

SQL Interview Questions by Riti Kumari - https://www.youtube.com/@RitiKumari/videos

Concepts + Interview Questions - https://www.interviewbit.com/sql-interview-questions/

SQL MCQ Questions - https://www.interviewbit.com/sql-mcq/

For Operating System, Computer Networks I would recommend Geeks for Geeks , WE3 Schools & JavaTPoint

Watch INTERVIEW SERIES on my channel, you will find its playlist. There I have mentioned the topics you need to cover for CS Fundamentals,

Read them from GFG ……….

DSA

Struggling for DSA or Development 🧐 🧐

These are some of the channels/ courses you can do

1. For C++ & Java Both

a) Striver A2Z Course - Free

b) Apna College – Paid & free (latest dsa series)

2. For C++ only

a) CodeHelp - Free & Paid

b) Apna College - Free & Paid

3. For Java Only

a) Pepcoding - Free

b) Apna College - Paid

4. Algorithms - Abdul Bari (Free)

5. Dynamic Programming - Aditya Verma (Free)

6. Animated DSA - William Fisset

7. College level DSA

a) Jenny's Lectures CS & IT

b) Some videos of Gate Smashers

c) Code With Harry

8. Python - Neetcode (YT) & GFG Self paced course

FOR WEB DEVELOPMENT

Colte Steele web developer bootcamp on UDEMY

purchase this course only when the price range drops to 399 or 499/-.

Course link -

https://www.udemy.com/course/the-web-developer-bootcamp/?utm_source=adwords&utm_medium=udemyads&utm_campaign=Search_DSA_Beta_Prof_la.EN_cc.India&campaigntype=Search&portfolio=India&language=EN&product=Course&test=&audience=DSA&topic=&priority=Beta&utm_content=deal4584&utm_term=_.ag_160270535505_.ad_696202838331_.kw_.de_m_.dm__.pl__.ti_dsa-1677053911088_.li_9061712_.pd__.&matchtype=&gad_source=1&gclid=CjwKCAjwoJa2BhBPEiwA0l0ImAq4SXnjDXQulVCEF2kDMbAbHbQ6ZK8NFiHFGcPTWuthX9M4wb2RjhoCpacQAvD_BwE&couponCode=SKILLS4SALEB

ALL THE BEST 🙇🏻