WE HOPE YOU GUYS HAVE COMPLETED CODESHOWS TUTORIAL-1 AND CODESHOWS TUTORIAL-2.
(IF NOT THEN PLEASE COMPLETE THESE FIRST AS THEY MAKE YOUR BASIC STRONG FOR CODING AND DEVELOPMENT PART.)

HERE CODESHOWS TEAM PRESENT YOU THE FINAL TUTORIAL OF THE SEMESTER. MAKE SURE YOU COMPLETE ALL THE TUTORIALS BEFORE DEADLINE, AND BE REGULAR WITH CP PRACTICE ON VARIOUS PLATFORMS. IF YOU GUYS FACE ANY PROBLEMS REGARDING THE TUTORIALS AND ACADEMICS, FEEL FREE TO ASK.

COMPULSORY FOR ALL YEARS :

1. FOR MATHEMATICS (MATHEMATICS COVERS A MAJOR PART OF CP)
 HTTPS://PROJECTEULER.NET (HIGHLY RECOMMENDED)
2. FOR HACKING
 HTTPS://365.CSAW.IO (RECOMMENDED)
3. COMPETE IN EVERY CONTEST ON -CODEFORCES -CODECHEF
4. GOOD CP BLOG -HTTPS://CODEFORCES.COM/BLOG/ENTRY/13529
-HTTPS://WWW.QUORA.COM/WHAT-ARE-GOOD-WAYS-TO-LEARN-ALGORITHMS-AND-DATA-STRUCTURES-USING-PYTHON-AND-PROGRAMMING-CONTESTS-LIKE-CODECHEF-CODEFORCES/ANSWER/MUKESH-PATHAK-9?SHARE=B5656F38&SRID=KNNP -HTTPS://CODEFORCES.COM/BLOG/ENTRY/57282

[A] FOR 1ST YEAR STUDENT :

1. COMPLETE PREVIOUS TUTORIALS OF HTML & CSS (IF NOT)
2. ASSIGNMENT (COMPULSORY FOR ALL)
 -CREATE MNIT WEBSITE SIMILAR TO HTTP://WWW.MNIT.AC.IN USING HTML & CSS
3. CP

A. HTTPS://WWW.HACKERRANK.COM/DOMAINS/ALGORITHMS (TAGGED WITH EASY)   -COMPLETE PREVIOUS TOPICS -SORTING   -SEARCHING.
HTTPS://WWW.CODECHEF.COM/CERTIFICATION/DATA-STRUCTURES-AND-ALGORITHMS/PREPARE
-ASYMPTOTIC ANALYSIS (BIG-O NOTATION)   -ARRAYS-STRINGS

[B] FOR 2ND YEAR STUDENT :

1. COMPLETE CORE JAVA

A. HTTPS://WWW.JAVATPOINT.COM/JAVA-TUTORIAL   -OOPS CONCEPTS   -JAVA STRINGS.
HTTPS://WWW.YOUTUBE.COM/PLAYLIST?LIST=PLSYEOBZWXL7OZ-FXDYKOTOURHHMUWD1BK (IF NOT COMPLETED YET)
2. LEARN JAVASCRIPT
1. HTTPS://WWW.W3SCHOOLS.COM/JS/DEFAULT.ASP2. SOLVE ALL EXAMPLES
HTTP://WWW.WEBHAMMER.COM/JAVASCRIPT/EXAMPLES/INDEX.HTML3. SOLVE ALL ASSIGNMENTS
HTTP://WWW.WEBHAMMER.COM/JAVASCRIPT/EXERCISES/INDEX.HTML
3. CP
A. HTTPS://WWW.CODECHEF.COM/CERTIFICATION/PREPARE
   (UPTO 10 TOPICS, IF NOT COMPLETED)B. HTTPS://WWW.HACKERRANK.COM/DOMAINS/ALGORITHMS.
SOLVE AS MANY QUESTIONS AS YOU CAN.

[C] FOR 3RD YEAR STUDENT :

#(COMPULSORY) - ALL 1ST YEAR AND 2ND YEAR COURSE ABOVE SHOULD BE COMPLETED BY YOU.
1. COMPLETE CORE JAVA

A. HTTPS://WWW.JAVATPOINT.COM/JAVA-TUTORIAL   -OOPS CONCEPTS   -JAVA STRINGS.
HTTPS://WWW.YOUTUBE.COM/PLAYLIST?LIST=PLSYEOBZWXL7OZ-FXDYKOTOURHHMUWD1BK (IF NOT COMPLETED YET)
2. LEARN ANDROID
A. USER INTERFACE
HTTPS://IN.UDACITY.COM/COURSE/ANDROID-BASICS-USER-INTERFACE--UD834-INDIAB. USER INPUT
HTTPS://IN.UDACITY.COM/COURSE/ANDROID-BASICS-USER-INPUT--UD836C. COMPLETE PRACTICE SETS OF ABOVE LINKS.
3. CP
A. HTTPS://WWW.CODECHEF.COM/CERTIFICATION/PREPARE
     (UPTO 10 TOPICS, IF NOT COMPLETED)B. HTTPS://WWW.HACKERRANK.COM/DOMAINS/ALGORITHMS.
SOLVE AS MANY QUESTIONS AS YOU CAN.
IF YOU FACE ANY PROBLEM IN ANY TOPIC, FEEL FREE TO ASK.

TERMS USED-
CP: COMPETITIVE PROGRAMMING
FAMOUS CP WEBSITES
CODECHEF
CODEFORCES
HACKERRANK
HACKEREARTH
PROJECTEULER
SPOJ
A2OJ
TOPCODER
ATCODER
CSACADEMY
UVA.ONLINEJUDGE
GOOD IDE'S
CODECHEF
HACKERRANK
IDEONE

"EVERY GREAT DEVELOPER YOU KNOW GOT THERE BY SOLVING PROBLEMS THEY WERE UNQUALIFIED TO SOLVE UNTIL THEY ACTUALLY DID IT." - PATRICK MCKENZIE