Guidelines for the Report

- Documentstyle article, A4 size paper, font size 12, Times New Roman
  (Follow the template uploaded on the portal)

- Title Page : Title , Team No., Team mates' Names and Roll Nos

- Abstract : 100-150 words

- Table of Contents

- Section I: Introduction : 1-2 pages
        Introduce the topic - include Motivation for choosing the topic
      Last paragraph should contain plan of the report -
      one sentence about each of the following sections

- Section II : Theory and Formulation of computational Problem
        Converting the physics problem into a dimensionless
         mathematical problem -- include all equations, circuits
        and exact analytical solutions if available.
          2-4 pages

- Section III : Methodology
        List the Tools and numerical methods used

        Algorithms of the numberical methods

- Section IV: Results and Analysis
        Include all graphs and tables and analysis of the results

- Section V : Summary or Conclusion :
        approximately 1 page : 300- 500 words

- Appendix
      A. Programs : including gnu scripts

      B. Contribution of each team mate

- References

      All references should be cited at appropriate place

      Use IEEE style of bibliography

Guidelines for the Presentation

10 minutes presentations followed by five minutes for questions

Presentation should be in beamer

No need to show the program unless asked

Slide 1 : Same as the title page of the report

Slide 2 : Plan of the talk

Slide 3: Theory

Slide 4 : Packages and methods used -- NO need for algorithm

Slide 5, 6 ,... : Results and Analysis

Last two slides : Conclusion and what you have learnt during this project

Main References should be given on slides at appropriate places

Avoid writing full and long sentences in the presentation

Marks Distribution

Continuous Evaluation :		10 Marks
Report	:	20 Marks
Presentation	:	10 Marks
Defense	:	10 Marks
Total		50 Marks

Submission Instructions

The report will be a group submission on the college portal against the assignment "Project" before 13th November, 2021.

All files should be labeled as "teamNo.filetype"

For example, for team 01, the program file should be named as

team01_program.py   or   team01_program.f   team01_gnuscript1.gnu

graphs as   team01_graph1.jpeg, team01_graph2.jpeg, etc

report files as   team01_report.tex   and   team01_report.pdf

etc. ...

You are required to submit
- all program files,
- input and output text files of the program
- TeX file along with the compiled pdf of TeX,
- all graph files (Could be (.pdf/.ps/.png),
- beamer file for presentation -- TeX as well as pdf