



## Department of Computer Science & Engineering

### Problem Solving with C Laboratory-UE20CS152

#### Mini Project Guidelines

The mini project is mainly meant to develop skills of students in coding and make them to apply the knowledge acquired in the subject to solve real world problems. Students must carry out a Mini Project and the same will be evaluated in 2 phases as detailed:

The mini project is evaluated as part of ISA and ESA

- 1) Team of **minimum three and maximum four** should be formed by students belonging to the **same section**.
- 2) Students are allowed to choose Titles/Problem statements outside the list provided. List is attached for your reference.
- 3) Google form will be sent by respective lab section in-charge. Only one member of the team must fill that form after the discussion with team members. Speak to the concerned Lab Faculty in case of any query.
- 4) Topics/Problem statements should not repeat in the same section.
- 5) The team should update the progress to the respective lab teacher.
- 6) The mini project is evaluated for 30 marks.

#### Demo:

Project will be presented as a **group**, but students will be **assessed individually** .

### **Project evaluation Guidelines:**

#### **Project Marks Split up: 30 marks**

Sl.No	Week #	Dates	Details	Marks
1	4	17/05/2021 to 23/05/2021	Group formation ,Topic Finalization , and Title Registration	-----
2	7	07/06/2021 to 12/06/2021	<b>Phase-I:</b> Project progress review(30% of code) with synopsis	<b>10</b>
3	12	12/07/2021 to 17/07/2021	<b>Phase-II:</b> Final project submission.	Demo <b>-10</b> Report <b>-05</b> Viva <b>-05</b>

**Phase – 1 Evaluation (10 Marks):** Each team has to submit a copy of synopsis. The synopsis Format is attached for your reference.

**Phase - 2 Evaluation(20 Marks):** Final Demo and viva on project. Each team has to submit copy of report.

#### **Note:**

- We strongly encourage you to come up with your own ideas.
- Before starting the project get the consent from your lab teacher.
- Follow fair code of ethics and develop your team's version of code. Plagiarised code will be awarded zero marks.
- Team can make use of Command Line Interface. Graphical User Interface is optional.
- For any queries mail to: [supreethas@pes.edu](mailto:supreethas@pes.edu)