< Project Title (Times New Roman 20pt Bold) >

< Author (Times New Roman 16pt Bold) >

< Author affiliation (Times New Roman 14pt) >

Abstract (Times New Roman 14pt)

< A 100 word project abstract (Times New Roman 12pt) >

1. Introduction (Times New Roman 16pt)

< Introduction of the case study project (Times New Roman 12pt) >

2. Problem Statement (Times New Roman 16pt)

< Description of the problem solved using OpenFOAM. Use images wherever necessary. (Times New Roman 12pt) >

3. Governing Equations (Times New Roman 16pt)

< A brief review of the governing equations solved using OpenFOAM. (Times New Roman 12pt) >

4. Simulation Procedure (Times New Roman 16pt)

4.1 Geometry and Mesh (Times New Roman 14pt)

< A detailed discussion on creation of geometry and its meshing. The software used for creating the geometry and its mesh needs mentioning. Mention, if any, the number of blocks, refinement/grading in the mesh etc. (Times New Roman 12pt) >

4.2 Initial and Boundary Conditions (Times New Roman 14pt)

< Discuss the initial and boundary conditions used for solving the problem. (Times New Roman 12pt) >

4.3 Solver (Times New Roman 14pt)

< Discuss the solver used in the simulation. (Times New Roman 12pt) >

5. Results and Discussions (Times New Roman 16pt)

< A detailed description of the results from the simulation. Use contours and/or plots wherever necessary. Inference(s) drawn from the results also need to be mentioned in detail. (Times New Roman 12pt) >

References (Times New Roman 16pt)

< List all the references used in creating this report. (APA format; Times New Roman 12pt) >

General Guidelines for Preparation of Report

1. Ensure that the report is free of grammatical errors.

2. The standard font shall be Times New Roman of 12pt with 1.5 line spacing.

3. The Section and Sub-section titles along with their numbers in 16 and 14pt fonts, respectively, shall be flushed to the left (not centered).

4. If the report is prepared in Microsoft Word, ensure that Cambria Math of 12pt is used for all mathematical parameters and expressions.

5. Mathematical parameters and expressions appearing anywhere in the report should be written in italics and with the same font size as of the text (12pt).

6. Equations should form separate lines with appropriate separation above and below the equation line, with equation numbers flushed to the right.

7. Tables and Figures reproduced from elsewhere should be referenced appropriately.

8. Ensure the header format of the first page of the report follows the same format as that of the first page of this document. All the other pages must follow the header format as that of the second page of this document.

9. The report will be scrutinised for novelty. Ensure that the report is free of plagiarism.