**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 23 May 2023 |
| Team ID | NM2023TMID12362 |
| Project Name | Industrial workers health and safety system based on internet of things |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | problem statement is a concise description of the problem or issues a project seeks to address. |
|  | Idea / Solution description | The Temperature Sensor block represents an ideal temperature sensor, that is, a device that measures either the absolute temperature at a node |
|  | Novelty / Uniqueness | Novelty should be the core of every research project. |
|  | Social Impact / Customer Satisfaction | detect abnormally-high temperatures—like in the case of a fever—and potential infections |
|  | Business Model (Revenue Model) | thermocouples, RTDs (resistance temperature detectors), thermistors, and semiconductor based integrated circuits (IC). |
|  | Scalability of the Solution | Scalable fabrication of highly sensitive flexible temperature sensors based on silver nanoparticles coated |