**Submission Template**

### <Title of the Project>

| Name | College ID/Roll No. | UG/PG | Course/Branch | Semester |
|---|---|---|---|---|
| Student 1 | | | | |
| Student 2 | | | | |
| Student 3 | | | | |

❖ **Project Abstract:**

<Write project abstract about 100 to 150 words summarizing your idea and the problem being solved through your idea>

❖ **Proposed Design:**

a. **Block Diagram**

<A clear block diagram highlighting all the subsystems and supported with a detailed explanation for each block/subsystem>

<Share all relevant circuit diagrams, any simulation results, and details of any software algorithms to support your proposed solution. It is recommended to use WEBENCH for power designing power supply.>

b. **Component Used**

<List all the TI Parts and non-TI parts to be used in designing the proposed solution>

❖ **Innovativeness and Impact of the proposed idea/solution**

<Explain in 200-250 words explain the uniqueness/differentiation of your proposed solution with respect to the existing competition in the current scenario. You can differentiate your proposed solution on the following vectors – size, power, performance, cost, functionality & others as applicable. Also explain the impact of your proposed solution on the customer/relevant industry and Justify with data as applicable>