

PRAGYAN HARDWARE HACKATHON

**<THEME>**

**<TITLE OF THE PROJECT>**

**Name** **College ID/Roll UG/PG** **Course/Branch Semester**

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| --- | --- | --- | --- | --- |
| Name | Roll Number | UG/PG | Branch | Semester |
| Team Leader |  |  |  |  |
| Student 1 |  |  |  |  |
| Student 2 |  |  |  |  |
| Student 3 |  |  |  |  |
| Student 4 |  |  |  |  |
| Student 5 |  |  |  |  |

1. **Project Abstract:**

<Teams must provide an abstract of about 200 to 250 words summarising the idea/problem being solved>

***Keywords— <Word/concept to indicate the content of abstract >***

1. **Proposed Design:**
2. **Objective:**

<Teams must share their proposed solution in brief>

1. **Proposed Solution:**
   1. **Block Diagram:**

<A clear block diagram highlighting all the subsystems, supported with a detailed explanation for each block/subsystem. Teams must share all relevant circuit diagrams,

any simulation results, and details of any software algorithms to support their proposed solution>

1. **Components Required:**

<List all the components/parts to be used in designing the proposed solution>

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| --- | --- |
| COMPONENTS/PARTS | How is it being used in the proposed solution? Explain its role/functionality. |
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1. **Innovativeness of the Proposed Solution**

<Teams must explain the uniqueness/differentiation of their proposed solution with respect to the existing competition in the current scenario. Teams can differentiate their proposed solution on the following vectors – size, power, performance, cost, functionality and others as applicable>

1. **Impact of the proposed solution (Application):**

<Teams must explain the impact of their proposed solution on the customer/relevant industry and justify with data as applicable>

1. **References**

<Include if present>