**TEAM DESCRIPTION PAPER (TDP)**

**MANUAL ROBOTICS –BATTLE FOR MIDDLE EARTH**

**Team Name:**

**Institute :**

**City :**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Team Leader** | **Team member 1** | **Team member 2** | **Team member 3** | **Team member 4** | **Team member 5** |
| **Name** |  |  |  |  |  |  |
| **Institute ID** |  |  |  |  |  |  |
| **Mobile no** |  |  |  |  |  |  |
| **Email ID** |  |  |  |  |  |  |

|  |
| --- |
| 1. **Briefly explain the strategy that will be employed by your team to complete the mission right from start of the game to its end.** |

|  |
| --- |
| 1. **Give a detailed description of the working mechanism of Bot A (Loading and throwing mechanism for the balls. Add every mechanism separately with proper divisions. In case of throwing mechanism, it will be better if you explain as to how you aim it for a desired range )** |

|  |
| --- |
| 1. **Give a detailed description of the working mechanism of the Bot B(Mechanism for picking and dropping balls)** |

|  |
| --- |
| 1. **Give a brief account of your game plan, If possible; also post the link to videos demonstrating the mechanisms you have built until now. Post your videos on You-Tube and attach the link in the TDP** |

|  |
| --- |
| 1. **Attach the images and drawings for Bot A to give us a better idea of the**   **proposed mechanisms** |

|  |
| --- |
| 1. **Attach the images and drawings for Bot B to give us a better idea of the**   **proposed mechanisms** |

|  |
| --- |
| 7 **Give a brief account of the power supply and the controls being used.** |

**IMPORTANT NOTES**

**1)**     **The space below the question is NOT indicative of the length of the reply expected. Please make your answers as detailed and clear as possible.**

**2)**     **No field is to be left blank.**

**3)**     **All TDPs to be submitted in .pdf format only.**

**4)**     **File to be named as “BattleForMiddleEarth\_teamname.pdf” e.g. “BattleForMiddleEarth\_iitm.pdf”.**

**5)**     **Multiple TDP submissions will result in disqualification of the team and its participants.**

**6)**     **Last date for TDP submission is 30/10/2014 by 11:59 p.m.**

**7)**     **Coordinators have the right to select and reject any TDP.**

**8)**  **If selected in the TDP round, team members as well as the design can be changed only after intimating the coordinators in advance.**

**9)**  **Decision of coordinators is final and binding on all participants in case of discrepancies.**

**10)**  **All queries to be mailed to**[robotics@shaastra.org](mailto:robotics@shaastra.org)**with the subject as “Manual\_Query- <query description>”**