1. Event Full name : HYDROMOBILE
2. Event Tagline : Innovative way to climb workstation
3. Event Poster : Attached Separetely
4. Date : 05/03/2019
5. Time : 3:00pm onwards
6. Venue : Near Narayan Bhavan
7. Coordinator Details:
   * Akshat Shah - 9924840199
   * Ganesh Penta - 8160189093
   * Nevil Patel - 8200843890
   * Shubham Inani - 9408920775
8. Team size: Students can form a team of minimum 2 and maximum of 4 members.
9. Event Description :

The Participants have to make a locomotive propelled by motor which can run on the rough surface and should climb slope of maximum 30 degree, possessing a hydraulic gripping arm capable of lifting a load and keep it to a specified and constrained position.

1. Rules and regulation:

1] Specification:

* The locomotive should fit in a box of 50\*50\*50cm.
* Lifting of arm is maximum up to 50cm and minimum 30cm.
* Brakes can be used for providing movement or stability.
* Gripper arm should be strictly working on hydraulic principles.
* Load blocks:
* Dimensions: 5cm\*5cm\*5cm
* Weight not more than 400gms.

2] Game Play:

* The locomotive shall start from a specified starting position.
* It should follow a specified path and the gripping arm (working based on hydraulics) should be capable of lifting weight up to 0.4kg.
* The arm should also be capable of placing the object in a specified and constrained position.

3] General Instruction:

* The teams must report at the time allocated to them.
* Only commercial syringes are allowed.
* Controller syringes for controlling the gripping arm should not be fixed on the base of the machine. Syringes are required to be hold in participants’ hands.
* The gripper arm has to be pre-installed on the machine itself.
* The arm must be able to lift objects up to 0.4kg of weight.
* Final decision lies with the core committee of DDU.
* General rules for the completion of task will be given on the spot.
* Participants have to bring their respective college ID Card.

1. Registration fees: Rs. 250 per team
2. Registration Details

* Registration type : Pre-registration and first come first serve basis.
* Registration Start date : 18/02/2019, 11:00am
* Registration Closure date : 25/02/2019, up to 5:00pm

1. Winning Prize Amount: 1st prize: 3000, 2nd prize: 1500, 3rd prize: 1000
2. Any additional remarks if any:-

Numbers of winner rank are subject to reduce based on strength of participation.

Participation Certificate will be provided to all the participants.