

PRATHYUSHA ENGINEERING COLLEGE TECHNOLOGY EXHIBITION – 2019 Organized by CTDT ANNA UNIVERSITY

PROJECT TITLE:

An Intelligent Rover For Physically Handicapped

TEAM NAME: MARS ROVER

TEAM MENTOR: Mrs.P. Malathi

TEAM LEADER: Lakshmi Sravya

TEAM MEMBERS:

a. A.Sravani

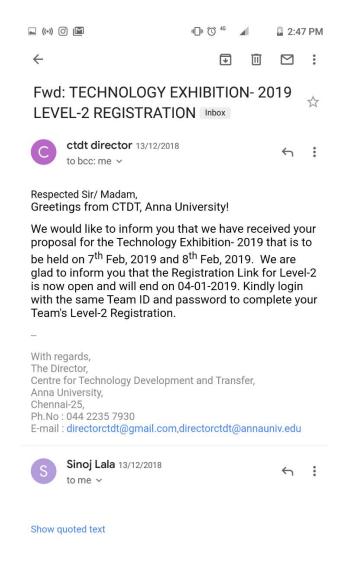
b. A.Sathish kumar

c. U.Shalini.

d. Ganesh Reddy.

LEVELS OF SELECTION:

LEVEL 1: Round 1 selection was done with reference of our project Abstract, Objectives and Ideas. Then we will get a confirmation mail for entering Level -2.



LEVEL 2:

After the second round we will receive another mail for confirmation to exhibit our project in Anna University dated on 8th February 2019.



Dear Participant,

Greetings from CTDT!!

We are glad to inform you that your Team has been shortlisted to showcase your product in the Technology Exhibition - 2019 on 8th February, 2019 at **08.30** am.

A stall will be provided with a table and power supply for your team's exhibit. Kindly bring a Banner of A0 size along with the working product on the day of exhibition.

The registration will begin at 08.00 am. All team members should be present at the venue for registration with the submitted ID proof. The product should be available for the viewers and experts upto 04.30 pm. Attractive cash prizes are available for outstanding exhibits.

Date: 8th February 2019 **Venue**: CEG campus, Anna University,

Chennai.

With regards, The Director, Centre for Technology Development and Transfer,

BANNER DESIGN:



ON CAMPUS GPS ENABLED AUTONOMOUS ROVER



OBJECTIVES:

- AUTOMATIC IDENTIFICATION OF DIFFERNET BLOLCKS IN AN UNKNOWN CAMPUS.
- STAIR CLIMBING FACILITY WITHOUT RAMP.
- OBSTACLE COLLISION AVOIDANCE SYSTEM.

FEATURES:

- •ALL TERRAIN VEHICLE.
- **•SMARTPHONE GPS ENABLED SYSTEM.**
- •SELF DRIVEN ROVER ACCORDING TO DESTINATION.
- **•SEATING HEIGHT ADJUSTMENTS.**

APPLICATIONS:

- •AS SELF DRIVEN VEHICLE IN INSTITUTIONS AND ORGANISATIONS.
- •AS WHEELCHAIR FOR PHYSICALLY CHALLENGED PEOPLE.
- •SURVILLENCE ROVER IN MILLITARY OPERATIONS.
- •FOR TRANSPORTATION OF LOADS.

ACHIEVEMENT:

Had a great exposure to the society and had a great interaction with many technical persons from various departments. They gave us many ideas regarding our career development and advancements of our projects.





CERTIFICATE:

