



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

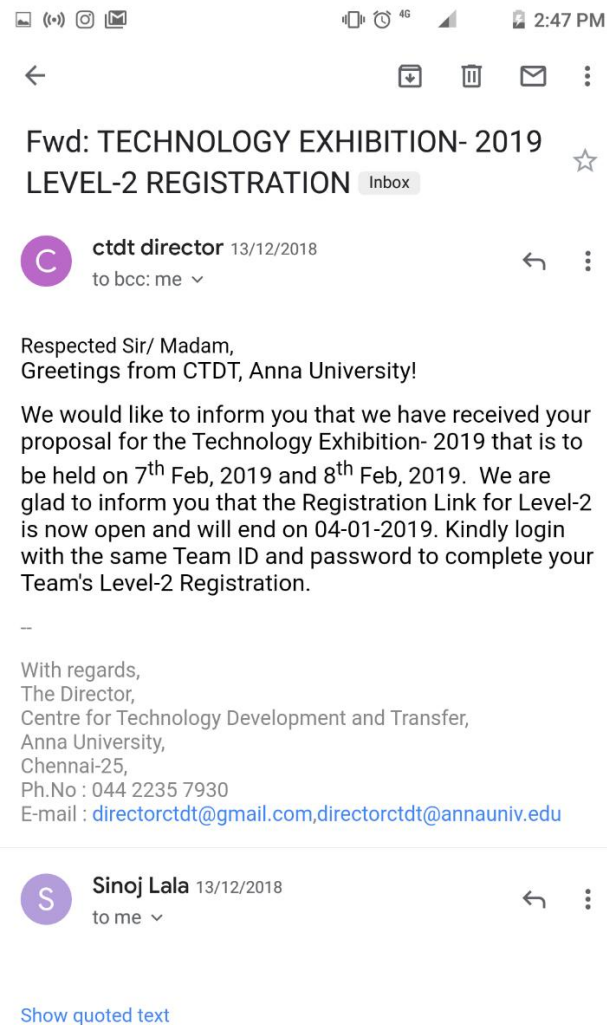
TEAM LEADER: Lakshmi Sravya

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.



BANNER DESIGN:



PRATHYUSHA

ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ON CAMPUS GPS ENABLED AUTONOMOUS ROVER



OBJECTIVES:

- AUTOMATIC IDENTIFICATION OF DIFFERENT BLOCKS 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.
- SURVILLANCE ROVER IN MILITARY 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:

