1. 4 autonomous robots which will learn a path, and it will replicate the path after the learning.

* Products:
  + 1. Chassis
    2. Arduino Uno
    3. X-Bee
    4. Motor driver L298
    5. Wheels
    6. Ultrasonic Sensors
* Link: <http://students.iitk.ac.in/projects/roboticsclub_swarm>
* Algorithm: the robots will detect the walls and the other robots using ultrasonic sensors, and will pass information through them using X-Bee. The robots will execute a coordinate march past trough the path.

1. 2 autonomous robots:
   * Products:
     1. Chassis
     2. Arduino Uno & Genuino Uno
     3. 1 Sheeld
     4. nRF24 module
     5. Photodiode+led
     6. LV-MaxSonar
   * Link: <https://www.hackster.io/team-hermes/swarm-bots-assembly-and-co-operative-transport-fedbe0>

<https://www.instructables.com/id/Swarm-Bots-Assembly-and-Co-operative-Transport/>

* + Algorithm: the robots will communicate through rNRF24 module. One of the robots will be master, and the other slave. The shield is used to control the master robot using the mobile phone. Their purpose is to communicate, to avoid collision between them and synchronize them, in order to transport some things.

1. Mega complex swarm bot: <http://www.swarm-bots.org/>
2. SensorFly
   * Link: <https://www.youtube.com/watch?time_continue=102&v=UsOHG-rIcvU>
   * Maybe a combination between a mini drone and a robot, which can create a network.

Left: <https://makezine.com/2011/07/18/top-10-swarmbots/> nr 3

<http://www.swarmrobot.org/Communication.html>

<https://ieeexplore.ieee.org/document/7028018>