USING KINECT XBOX 360 WITH ROS KINETIC
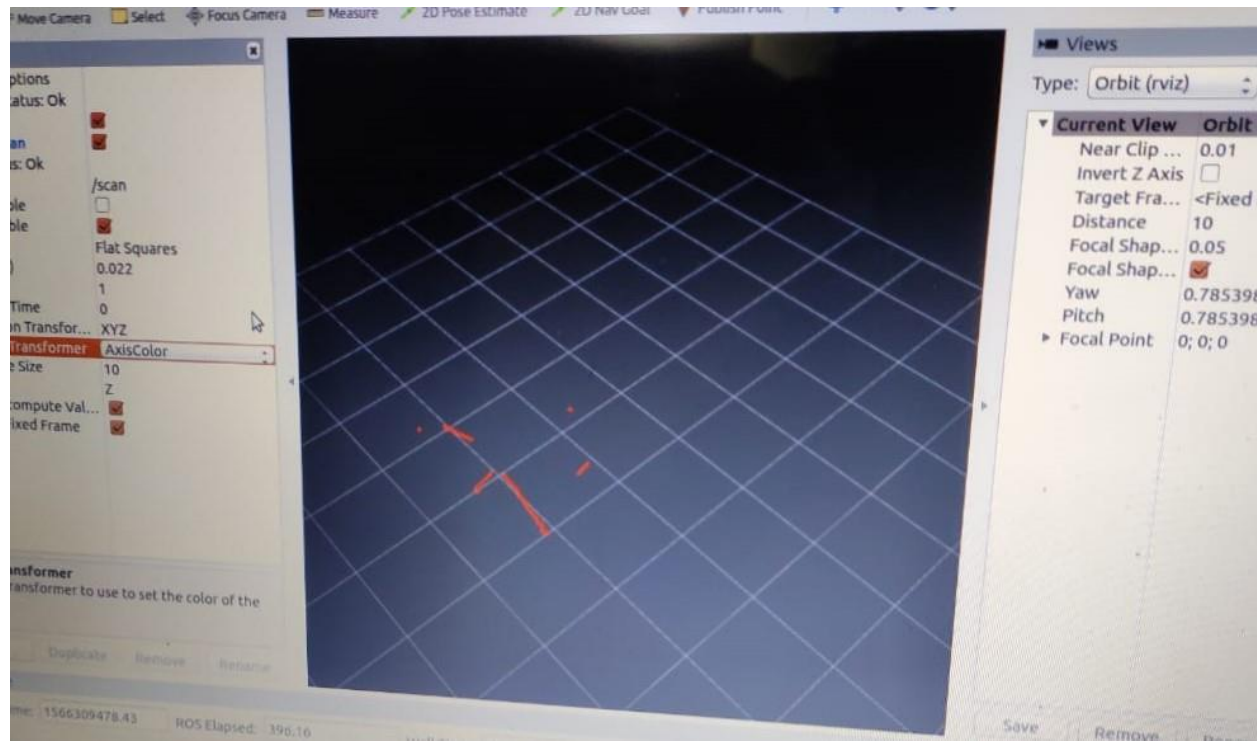
1)Installing required packages

1) $sudo apt-get install libfreenect-dev

2) $sudo apt-get install ros-kinetic-freenect.launch

3)$ sudo apt-get install ros-kinetic-depthimage-to-laserscan

2)Run

1) $roscore

2) $roslaunch freenect_launch freenect_launch

3) $rosrun depthimage_to_laserscan depthimage_to_laserscan

   image:=/camera/depth/image_raw

4) $rviz

LASER SCAN 2D

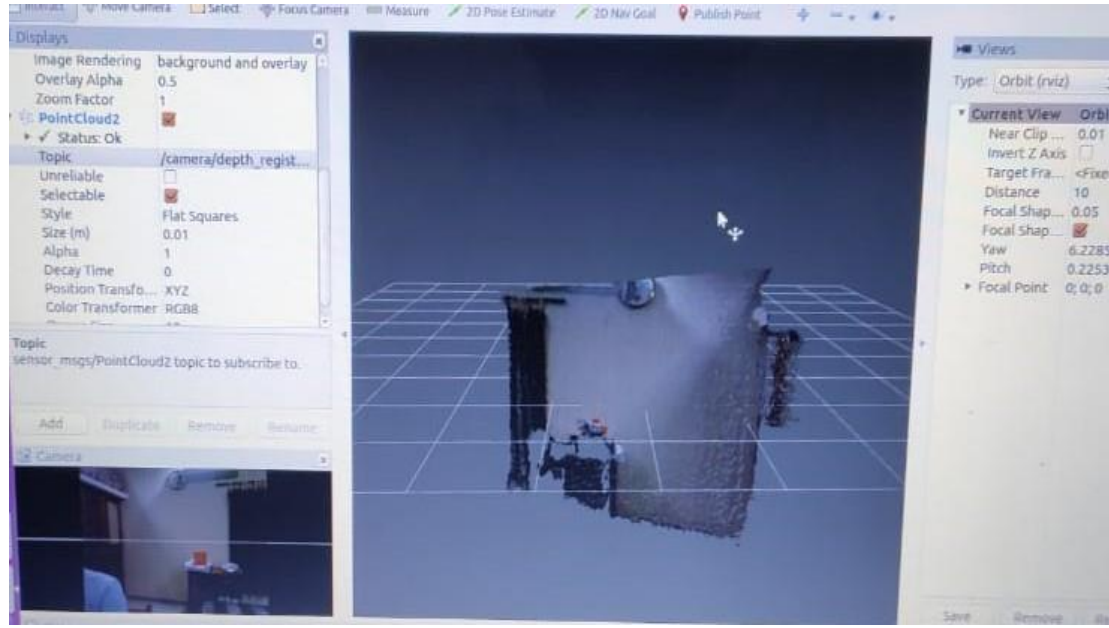1) **Global options**
   Fixed frame → Camera link
2) **Add → laserscan**
   Topic → /scan

POINTCLOUD-3D

1)Global options

  Fixed frame → camera link

2)Add → camera

  Image topic → /camera/rgb/image_color

3)Add → pointcloud2

  Topic →/camera/depth_registration/points

TEAM ROVIZ