

Month February

Month January



0th Reveiw Abstract & Document uploaded

📅 17/01/2016

[View Document \(files/12BCE1061/Review0/0thReview.pdf\)](#)



New activity **Literature Survey** has been added

📅 12/01/2016, 20:28

Raspbian Jessie OS <https://github.com/RIOT-OS/RIOT/wiki/How-to-install-6LoWPAN-Linux-Kernel-on-Raspberry-Pi#install-some-needed-packets-on-the-pi> Gone through the tutorial for installing 6LowPAN on linux kernel for Raspberry Pi OS.

[View Activity \(activity.php\)](#)



New activity **Video Transmission using PyCamera** has been added

📅 13/01/2016, 22:50

<http://picamera.readthedocs.org/en/release-1.10/api.html> <https://www.youtube.com/watch?v=T8T6S5eFpqE> <https://www.youtube.com/watch?v=H1jSudslJfA>(use picamera as webcam thats what we want full video shows ful installation and program to get the video through ip address)
<http://thepihut.com/blogs/raspberry-pi-tutorials/16021420-how-to-install-use-the-raspberry-pi-camera>

[View Activity \(activity.php\)](#)



New activity **OpenCV- for editing the camera frames captured** has been added 📅 16/01/2016, 17:39

http://docs.opencv.org/2.4/modules/calib3d/doc/camera_calibration_and_3d_reconstruction.html
<http://www.lenholgate.com/blog/2015/04/video-streaming-from-iot-devices.html> Gone through capturing video from IOT devices and calibrating it using OpenCV.

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New activity **Project Localization Techniques** has been added

📅 17/01/2016, 15:34

Gone through algorithms for robot localisation <http://rosum.sourceforge.net/papers/Localization/PosPosterv4.pdf> <https://www.diva-portal.org/smash/get/diva2:8964/FULLTEXT01.pdf>

http://www.negenborn.net/kal_loc/thesis.pdf

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New activity **Meeting with project guide.** has been added

18/01/2016, 19:45

Inquired about the components and discussed about the timeline of the project and deadlines.

[View Activity \(activity.php\)](#)



New activity **GPS interfacing with Raspberry Pi** has been added

19/01/2016, 18:57

<https://www.cooking-hacks.com/documentation/tutorials/gps-module-arduino-raspberry-pi-tutorial/>
<http://www.danmandle.com/blog/getting-gpsd-to-work-with-python/>

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New activity **GPS with Pi** has been added

20/01/2016, 18:55

Gone through datasheet of GPS module and YouTube video showing live demo. <https://YouTube.com/watch?v=X3UfjpOWF0U>

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New activity has been added

20/01/2016, 18:57

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New activity **Localisation Algorithms and ROS** has been added

22/01/2016, 09:26

ROS(Robot operating system).https://en.wikipedia.org/wiki/Robot_Operating_System Tutorials :
http://wiki.ros.org/rospy_tutorials (Python only since we will programming in python) Localization package
ROS -> http://wiki.ros.org/robot_localization

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New activity **Raspberry PI Interfacing** has been added

📅 23/01/2016, 23:47

<https://learn.adafruit.com/downloads/pdf/adafruit-ultimate-gps-on-the-raspberry-pi.pdf>
<http://raspberrypi.stackexchange.com/questions/10263/gps-module-interfacing-with-a-raspberry-pi>
<http://diydrones.com/profiles/blogs/how-to-connect-3dr-gps-ublox-to-raspberry-pi>

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New activity **Ordered Components** has been added

📅 24/01/2016, 12:49

Components ordered for the project from potentiallabs.

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New activity **Timeline** has been added

📅 25/01/2016, 22:49

Timeline discussion.

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New activity **GPS Python Coding** has been added

📅 27/01/2016, 21:40

<http://www.stuffaboutcode.com/2013/09/raspberry-pi-gps-setup-and-python.html>

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New activity **Raspberry PI Interfacing** has been added

📅 28/01/2016, 23:26

SSH with Raspberry PI

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New activity **Ordered Components and Understanding PI Arch** has been added 📅 31/01/2016, 20:48

Components ordered for the project from potentiallabs. Timeline discussion.
<http://www.stuffaboutcode.com/2013/09/raspberry-pi-gps-setup-and-python.html>. SSH with Raspberry PI

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