Regarding request for project

Inbox ×

Sandeep Pvn <sandeeppvn@gmail.com>
to dalpk

Thu, Jan 4, 8:33 PM

Dear sir,

This is Sandeep Pvn, 01FB14ECS207. I have enrolled in the computer vision elective you have taught recently.
The reason I write this mail to you is as a request to ask for doing a project under you for my final semester project. I have truly been inspired by your methods and motivations.
I had already approached you before regarding the same, but you weren't sure if you were going to continue teaching at PES. I have heard you will be enrolling in teaching drone computing classes this semester, hence I would request you to accept the same and offer me a project either suited to your needs or I have a few ideas which I could propose.

Looking forward for your response.

Thank you

Regards

•••

Mr douglas piriyakumar <dalpk@yahoo.com>
to me

Fri, Jan 5, 10:17 PM

Dear Sandeep,

I have asked them whether I can guide being a visiting faculty. If they allow, we will certainly do. Please make alternate arrangements if it is not allowed.

With best regards,
D.Antony

sandeeppvn@gmail.com <sandeeppvn@gmail.com>
to dalpk@yahoo.com

Jan 5, 2018, 10:29 PM

Thank you Sir, will be waiting for your confirmation.

Thank you

Regards
Sandeep Pvn
9980856880

Sent from Yahoo Mail on Android

•••

Sandeep Pvn <sandeeppvn@gmail.com>
to Antony

Jan 9, 2018, 8:29 AM

Dear Sir,

I have to report to college in case I'm doing a college project. I would like to confirm if you would be my guide after confirming the same.
Kindly respond so I can plan accordingly.

Thank you

Yours sincerely

•••

Mr douglas piriyakumar <dalpk@yahoo.com>
to me

Jan 9, 2018, 11:42 AM

They have not given me the permission. Please go and meet Prof.Shylaja if you need.

•••

Sandeep Pvn <sandeeppvn@gmail.com>
to Antony

Jan 9, 2018, 1:01 PM

Respected Sir,

I have spoken to prof. Shylaja madam and she agreed for you to be my guide for the final year project.
Also would it be convinent to ask for your phone number for further communication as well.

Looking forward to hear from you.

Thank you

Regards
Sandeep Pvn
9980856880

Mr douglas piriyakumar <dalpk@yahoo.com>
to me

no problem 9845925132

Re: Final year project Inbox x

Sandeep Pvn <sandeeppvn@gmail.com> Sun, Jan 28, 8:27 PM
to Antony

Dear Sir,

I have been allotted to panel 7 for my final year project at PESU.
I was asked to inform you to get into touch with respective panel members at college to schedule for my first presentation of the project.
Also, I would like to request you to send me the available resources for the project so that I can proceed further and get started with more work. Looking forward to hearing from you further.

Thank you

Regards
Sandeep Pvn
01FB14ECS207
9980856880

Mr douglas piriyakumar <dalpk@yahoo.com> Jan 29, 2018, 6:01 AM
to me

Dear Sandeep,

We need to discuss first. My classes are on mondays 1:30-3:30 pm and wednesdays 8:15-10:15 am. You may meet me after that. We can discuss all key points.

With best regards,
D.Antony

Sandeep Pvn <sandeeppvn@gmail.com> Jan 30, 2018, 3:03 PM
to Antony

Dear Sir,

I will come to college and meet you after your class tomorrow, kindly tell me where to assemble at for the same.

Mr douglas piriyakumar <dalpk@yahoo.com> Jan 30, 2018, 3:56 PM
to me

Be there near department office in ground floor at 10:20. We will meet and choose a place nearby.

Sandeep Pvn <sandeeppvn@gmail.com> Feb 2, 2018, 3:44 PM
to Mr

Dear Sir,

I was going through drone-kit in the little time I could, I couldn't discover much due to other constraints.
I would like to get it to your notice that it supports Python 2.x, but has issues with Python 3.x.
Also, it is required to purchase an Ardupilot board and use an onboard computer like raspberry pi, and communications should be done using MAVlink protocol.
A simulation can be done on Windows or Linux based systems, http://python.dronekit.io/develop/sitl_setup.html used as SITL.
http://python.dronekit.io/guide/quick_start.html#basic-hello-drone, this is a basic hello world for drones that can be tried on with the Simulation SITL.

Also, I would request you to send me some datasets, methods to use, algorithms, insights or any available data on how to get along with the FRUIT STALK RECOGNITION PROJECT, I am trying to extract fruits by masking HSV images and isolating, but I need to gather data and use histograms to obtain a clearer picture, Kindly guide me on the same as I am on an approaching deadline.

Thank You

Mr douglas piriyakumar <dalpk@yahoo.com> Feb 5, 2018, 9:30 AM
to me

Dear Sandeep,

Please first start with Multiview geometry by Andrew Zissermann book. Just read to get the key points. Specific papers/patents I will send you next week. Without basics, you will not be able to understand. In case, if you have any difficulty in understanding, please send the specific question, I will always clarify within 2 or 3 days.

With best regards,
D.Antony

Mr douglas piriyakumar <dalpk@yahoo.com> Feb 5, 2018, 9:33 AM
to me

also read 3D computer vision by Faugeras

Sandeep Pvn <sandeeppvn@gmail.com> Feb 5, 2018, 10:32 AM
to Mr

Dear Sir,

Since the book is vast, could you kindly guide me which subtopics to specifically got through so that I can quickly get started, also I am unable to find a PDF version of 3D computer vision by Faugeras online, if you could send me the book online in case you have a copy and also mention the topics to refer in it, it would be very helpful to me.

Mr douglas piriyakumar <dalpk@yahoo.com> Feb 8, 2018, 8:42 PM
to me

Dear Sandeep,

As the problem with the procurement of drones continues, we have decided to do it by ourselves. So, it is taking huge amount of time.

I don't have pdf copy. just concentrate on 3D localization and 3D measurements from any book. Additionally, for drones instantaneous velocity change is possible and upto Snap we have to take care. Motion analysis with snap is another area in which you need to concentrate. But first begin with the former. Latter can be done later.

With best regards,
D.Antony

Bangalore.

Mr douglas piriyakumar <dalpk@yahoo.com> Mon, Feb 19, 10:51 PM
to Pratheek, me

Please come up with the schedule of the project - what subtasks will be completed at what time frame and how do unit testing of the same. Include the same in the presentation.

Mr douglas piriyakumar <dalpk@yahoo.com> Wed, Feb 21, 12:11 PM
to kaipasandhya@pes.edu, badriprasad, Pratheek, me

Hi Pratheek and Sandeep,

The presentations have been rescheduled to Monday 26.02.2018 after 3:30 pm due to the request from Sandeep as he met with an accident.

With best regards,
D.Antony

Fw: Project-Panel-7_Second Presentation

Inbox ×

Mr douglas piriyakumar <dalpk@yahoo.com> Mon, Feb 19, 10:29 AM
to Pratheek, me

FYI. We can meet at 10. I will spend 15 minutes each with you.

----- Forwarded Message -----
From: Kaipa Sandhya PESU CSE <kaipasandhya@pes.edu>
To: "Dalpk@yahoo.com" <Dalpk@yahoo.com>
Sent: Monday, February 19, 2018, 9:28:51 AM GMT+5:30
Subject: Project-Panel-7_Second Presentation

Dear Sir,

As per the instructions from Prof.Badri Prasad Sir,second project review should be presented in presence of the guide.

Hence I request you to send the following schedule for your students sir.

Thursday i.e 22nd February at 10:30 am.

--

```
#Installing and running Solo-CLI, Dronekit, SITL and MAVproxy.

#All instructions here
https://dev.3dr.com/index.html
http://www.ddmckinnon.com/2015/12/30/idiots-guide-to-dronekit-python-a-journey-to-whoz-chillin/  (This guide is for OS X)

#install Solo CLI
sudo pip install https://github.com/3drobotics/solo-cli/archive/master.zip --no-cache-dir

#install dronekit and SITL
pip install dronekit
pip install dronekit-sitl

#installing MAVproxy
http://dronecode.github.io/MAVProxy/html/getting_started/download_and_installation.html
Note: After downloading and installing all required dependencies, uninstall only MAVproxy and reinstall MAVproxy version 1.1.69

#Run SITL
dronekit-sitl solo-2.0.18 --home=37.873894,-122.302141,584,353

#Run MAVproxy (in new terminal)
mavproxy.py --master=tcp:127.0.0.1:5760 --out=udpout:10.1.49.130:14550 --out=udpout:127.0.0.1:14550 --out=udpout:127.0.0.1:14549

#Installing Tower-WEB (Optional)
sudo -H pip install -UI git+https://github.com/dronekit/tower-web.git

#Binding Tower-WEB backend to SITL instance
tower udpin:127.0.0.1:14549
Open 'http://localhost:24403/' to see Tower-WEB running in browser

#RUNNING DRONEKIT EXAMPLE APPS
#Downloading Dronekit example apps
git clone http://github.com/dronekit/dronekit-python.git
#Navigate to an example
cd dronekit-python/examples/vehicle_state/
#Run
python vehicle_state.py -connect 127.0.0.1:14550
```

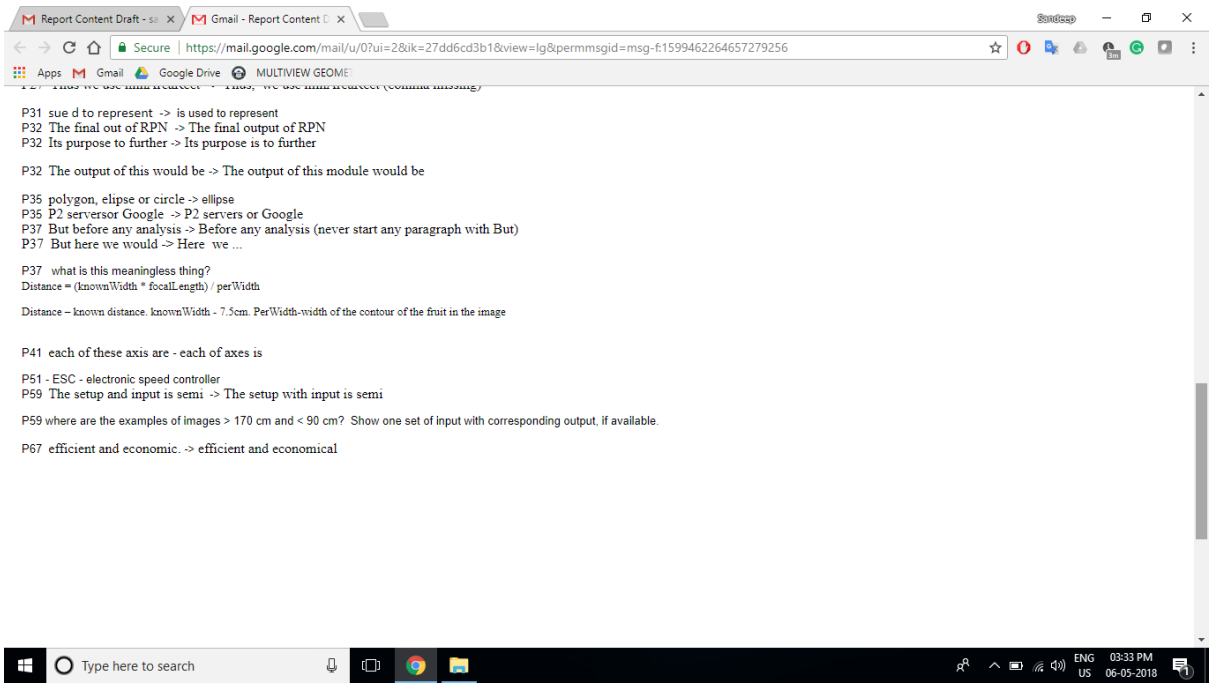
Fruit descriptors Inbox ×

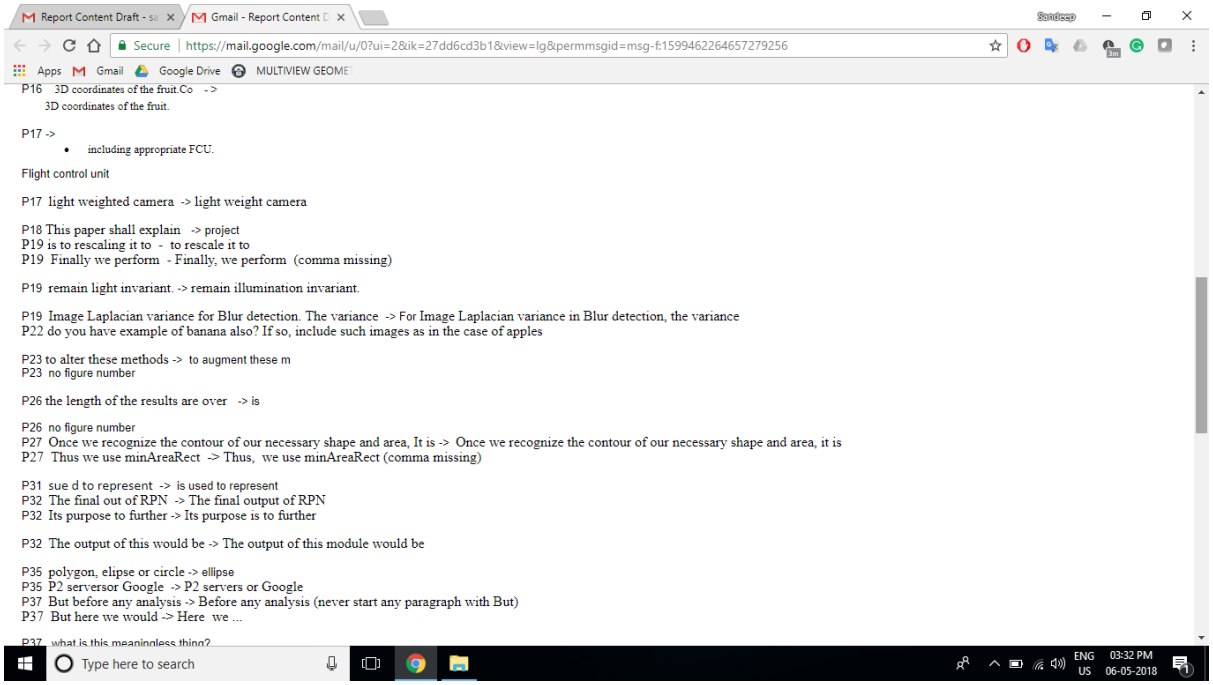
Mr douglas piriyakumar <dalpk@yahoo.com>
to me

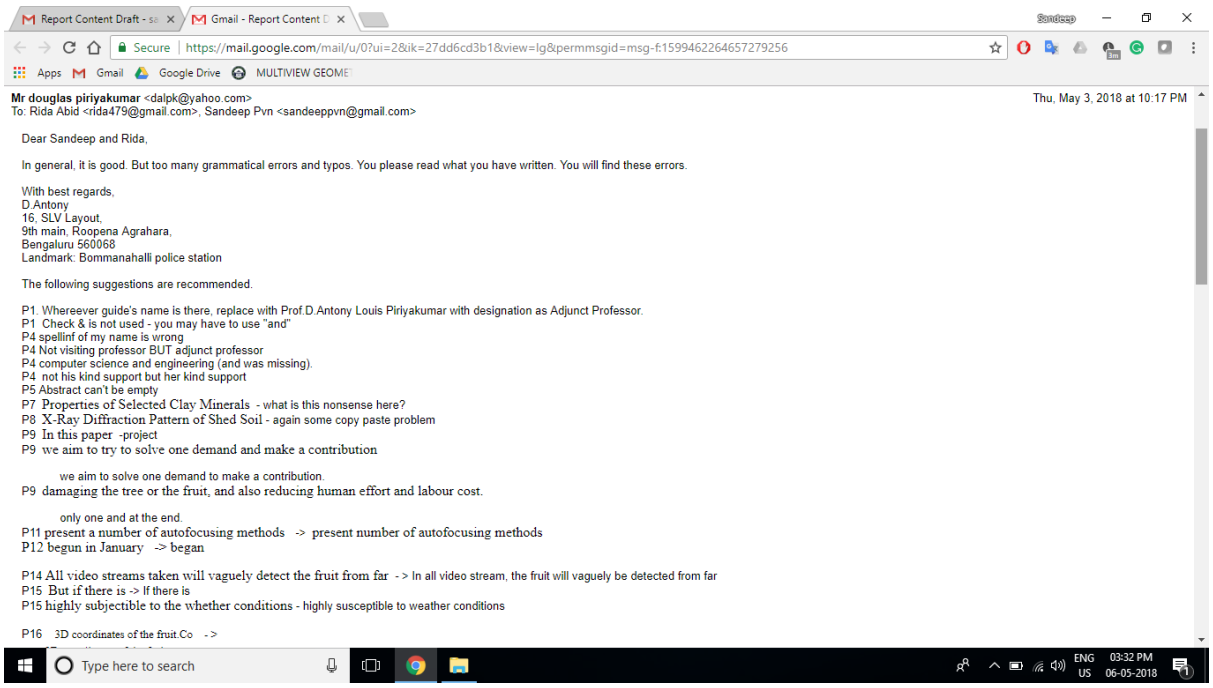
Fri, Mar 2, 2:54 PM

ShapeDesc.rar

Reply Forward


Report Content Draft - se
Gmail - Report Content D
Secure | https://mail.google.com/mail/u/0?ui=2&ik=27dd6cd3b1&view=lg&permmsgid=msg-f:1599462264657279256
Apps Gmail Google Drive MULTIVIEW GEOME
P31 sue d to represent -> is used to represent
P32 The final out of RPN -> The final output of RPN
P32 Its purpose to further -> Its purpose is to further
P32 The output of this would be -> The output of this module would be
P35 polygon, elipse or circle -> ellipse
P35 P2 serversor Google -> P2 servers or Google
P37 But before any analysis -> Before any analysis (never start any paragraph with But)
P37 But here we would -> Here we ...
P37 what is this meaningless thing?
Distance = (knownWidth * focalLength) / perWidth
Distance – known distance. knownWidth - 7.5cm. PerWidth-width of the contour of the fruit in the image
P41 each of these axis are - each of axes is
P51 - ESC - electronic speed controller
P59 The setup and input is semi -> The setup with input is semi
P59 where are the examples of images > 170 cm and < 90 cm? Show one set of input with corresponding output, if available.
P67 efficient and economic. -> efficient and economical
Type here to search
ENG US
03:33 PM 06-05-2018


Report Content Draft - se
Gmail - Report Content D
Secure | https://mail.google.com/mail/u/0?ui=2&ik=27dd6cd3b1&view=lg&permmsgid=msg-f:1599462264657279256
Apps Gmail Google Drive MULTIVIEW GEOME
P16 3D coordinates of the fruit.Co -> 3D coordinates of the fruit.
P17 ->
including appropriate FCU.
Flight control unit
P17 light weighted camera -> light weight camera
P18 This paper shall explain -> project
P19 is to rescaling it to - to rescale it to
P19 Finally we perform - Finally, we perform (comma missing)
P19 remain light invariant. -> remain illumination invariant.
P19 Image Laplacian variance for Blur detection. The variance -> For Image Laplacian variance in Blur detection, the variance
P22 do you have example of banana also? If so, include such images as in the case of apples
P23 to alter these methods -> to augment these m
P23 no figure number
P26 the length of the results are over -> is
P26 no figure number
P27 Once we recognize the contour of our necessary shape and area, It is -> Once we recognize the contour of our necessary shape and area, it is
P27 Thus we use minAreaRect -> Thus, we use minAreaRect (comma missing)
P31 sue d to represent -> is used to represent
P32 The final out of RPN -> The final output of RPN
P32 Its purpose to further -> Its purpose is to further
P32 The output of this would be -> The output of this module would be
P35 polygon, elipse or circle -> ellipse
P35 P2 serversor Google -> P2 servers or Google
P37 But before any analysis -> Before any analysis (never start any paragraph with But)
P37 But here we would -> Here we ...
P37 what is this meaningless thing?
Type here to search
ENG US
03:32 PM 06-05-2018



Report Content Draft - s | Gmail - Report Content D

Secure | https://mail.google.com/mail/u/0?ui=2&ik=27dd6cd3b1&view=lg&permmsgid=msg-f:1599462264657279256

Apps Gmail Google Drive MULTIVIEW GEOME

Mr douglas piriyakumar <dalpk@yahoo.com> Thu, May 3, 2018 at 10:17 PM
To: Rida Abid <rida479@gmail.com>, Sandeep Pvn <sandeeppvn@gmail.com>

Dear Sandeep and Rida,

In general, it is good. But too many grammatical errors and typos. You please read what you have written. You will find these errors.

With best regards,
D.Antony
16, SLV Layout,
9th main, Roopena Agrahara,
Bengaluru 560068
Landmark: Bommanahalli police station

The following suggestions are recommended.

P1. Whereever guide's name is there, replace with Prof.D.Antony Louis Piriyakumar with designation as Adjunct Professor.
P1 Check & is not used - you may have to use "and"
P4 spellinf of my name is wrong
P4 Not visiting professor BUT adjunct professor
P4 computer science and engineering (and was missing).
P4 not his kind support but her kind support
P5 Abstract can't be empty
P7 Properties of Selected Clay Minerals - what is this nonsense here?
P8 X-Ray Diffraction Pattern of Shed Soil - again some copy paste problem
P9 In this paper -project
P9 we aim to try to solve one demand and make a contribution

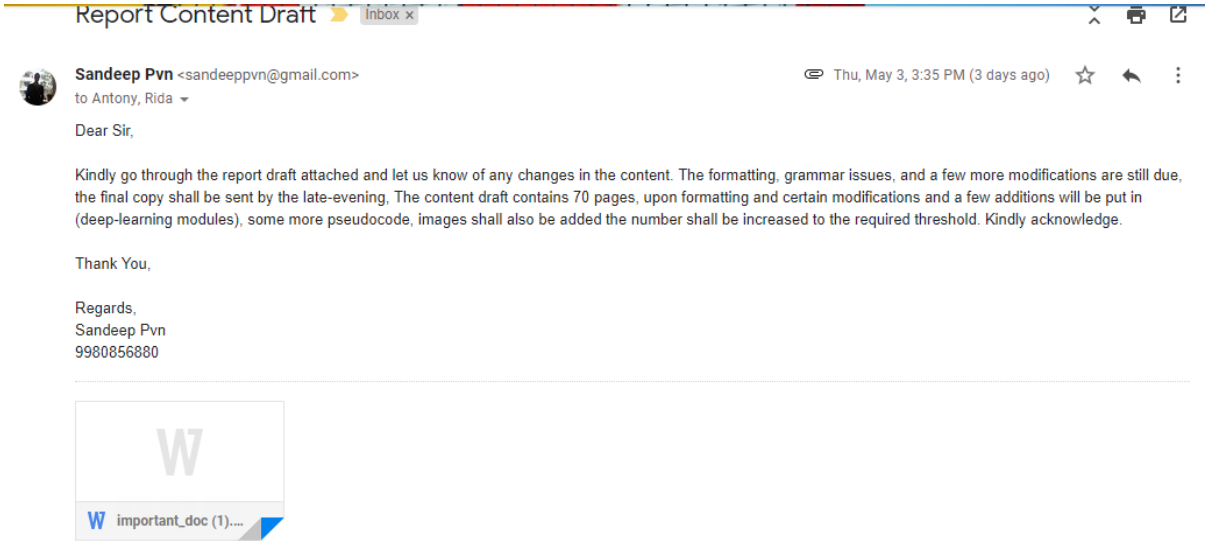
we aim to solve one demand to make a contribution.
P9 damaging the tree or the fruit, and also reducing human effort and labour cost.

only one and at the end.
P11 present a number of autofocusing methods -> present number of autofocusing methods
P12 begun in January -> began

P14 All video streams taken will vaguely detect the fruit from far - > In all video stream, the fruit will vaguely be detected from far
P15 But if there is -> If there is
P15 highly subjectible to the whether conditions - highly susceptible to weather conditions

P16 3D coordinates of the fruit.Co - >

Type here to search ENG US 03:32 PM 06-05-2018



Report Content Draft Inbox ×

Sandeep Pvn <sandeeppvn@gmail.com> Thu, May 3, 3:35 PM (3 days ago)
to Antony, Rida

Dear Sir,

Kindly go through the report draft attached and let us know of any changes in the content. The formatting, grammar issues, and a few more modifications are still due, the final copy shall be sent by the late-evening, The content draft contains 70 pages, upon formatting and certain modifications and a few additions will be put in (deep-learning modules), some more pseudocode, images shall also be added the number shall be increased to the required threshold. Kindly acknowledge.

Thank You,

Regards,
Sandeep Pvn
9980856880

important_doc (1)....