

Research Project details (UG Students)

2018-2019

Sr.No	Title	Student Names	Students	Guide Name
1	Plant disease detection using K-means clustering algorithm	C RAMCHARAN SRI TEJA DEEPALLI BHARATHI VASAMSETTI SAI JYOTHI GUBBALA GANESH	15A81A0411 15A81A0413 15A81A0458 16A85A0405	SRI G.S.BHASKARA RAO
2	Implementation of self-charging mobiles using RF energy	M SIVA SURYA GANESH V S S SRI HARSHA SASIDHAR NARINA RAM SUNEEL M BHAVYA SRI PARVATHI	16A85A0409 15A81A0459 15A81A0444 15A81A0432	DR. PURNIMA K SHARMA
3	Digital image forgery detection using hybrid transform & K-means clustering technique	A LAKSHMI VENKATA RAMYA MUSIREDDI NAGARJUNA VARDHINEEDI SRI TEJA AMBATI VENKATESH	15A81A0404 15A81A0442 15A81A0456 16A85A0401	SRI T.SREENIVASU
4	Designing, analyzing & comparing the BER performance of OFDM-MIMO using 16-QAM, 16-QPSK using Q-OSTBC & MATLAB	KASIREDDY SUBHASRI KAMMA GOWTHAMI PRIYA NIDADAVOLU SRI RAJESWARI NATI PRASHANTH	15A81A0484 15A81A0479 15A81A04A6 16A85A0424	T. VIJAY SAI
5	A Novel Effective Algorithm For Brain Tumor Detection From MRI Images Using Image Processing Techniques	ADIGARLA SRI SIVA HEMANTH KONDALA RAO PITTA REKHA BATCHU SAI SIRISHA KANKATALA VENKATA SATYA SAI MANOJ	15A81A04C5 15A81A04G2 15A81A04C8 15A81A04E7	G.S.BHASKARA RAO

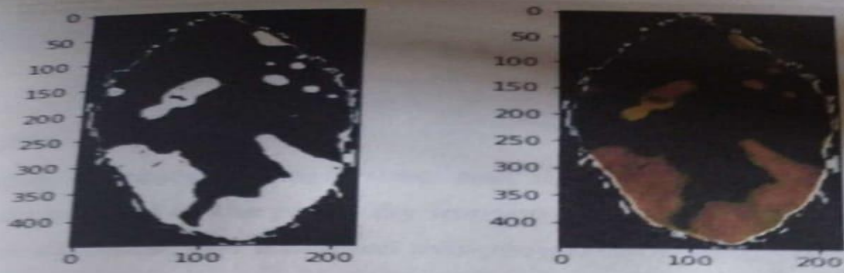


Fig: Detected diseased part of an image



Fig: Leaf boundary detection

Case 2:

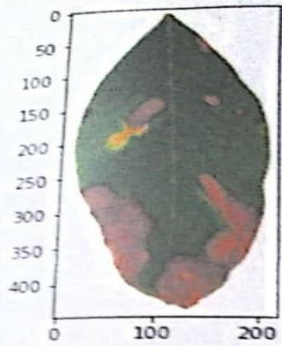


Fig: Input Image

```
img = cv2.imread('./image.jpg')  
plt.imshow(img)  
plt.show()
```

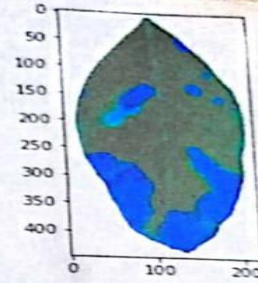


Fig: Input HSV Image

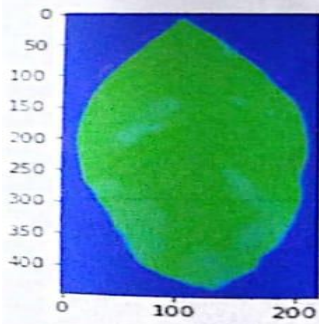


Fig: HSV Segmented Image

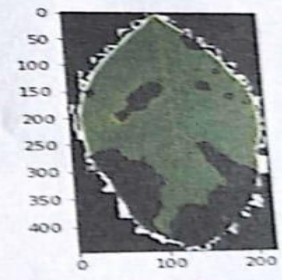
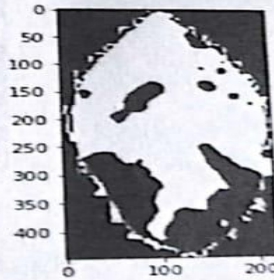


Fig: HSV black and white segmented image

Case 1:

```
img = cv2.imread('./image.jpg')  
plt.imshow(img)  
plt.show()
```

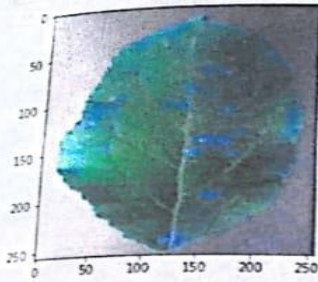


Fig: Input Image

```
hsv_img = cv2.cvtColor(img, cv2.COLOR_BGR2HSV)  
plt.imshow(hsv_img)  
  
<matplotlib.image.AxesImage at 0x23acd0cd470>
```

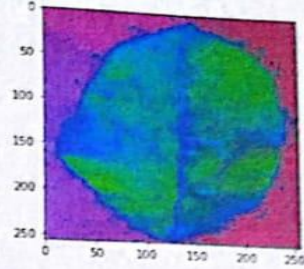


Fig: Input HSV Image

```
plt.imshow(result)  
plt.show()
```

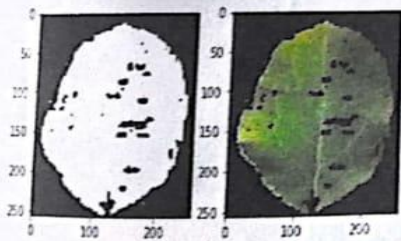


Fig: HSV black and white segmented image

```
plt.imshow(disease_result)  
plt.show()
```

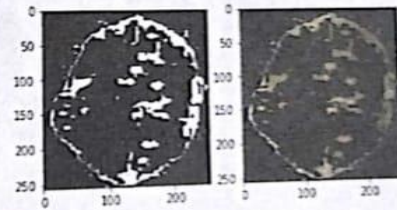


Fig: Detected diseased parts of an image



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Fwd: Notification for Paper 460 in Elsevier SSRN Series SUSCOM-2019

1 message

pravallika dammeti <pravallikadammeti@gmail.com>
To: Purnima k sharma <purnima.kadali@gmail.com>

Tue, Jan 22, 2019 at 11:56 PM

----- Forwarded message -----

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Date: Tue, 22 Jan 2019, 9:51 p.m.
Subject: Notification for Paper 460 in Elsevier SSRN Series SUSCOM-2019
To: Dammeti Venkata Satya Sai Pravallika <pravallikadammeti@gmail.com>

Dear Dammeti Venkata Satya Sai Pravallika,

We are glad to inform you that your paper "A REVIEW ON RF ENERGY HARVESTING SYSTEM" with Id "460" has been ACCEPTED WITH REVISIONS for oral presentation and publication in Elsevier SSRN series through the International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM-2019) to be held in Amity University Rajasthan during February 26-28, 2019.

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