# Implementation Of Virtual Fitting Room Using Image Processing

# ABSTRACT

- A great increase in interests towards online shopping. In case of purchase of products like apparels which always require a sense of knowledge on how cloths would fit upon a person
- The choice of matching the shirt and pants is of peculiar concern.
- The benefit of bringing the wide choice of online availability with the assistance of feeling how cloths would look, to the hands of person through the technology gives a great pleasure to the customers.

# EXISITING SYSTEM

- The number of people access the internet and utilizing internet for shopping  keeps on increasing due to the development in the field of information technology.
- Online marketing helps the producers to bring out their varieties of products to a mass in the easiest way.
- online shopping would give more information and availability of all kinds of products in every stream. This makes every product to come to the doorstep and gives consumers the choice of taste and purchase. But when this comes to dressing the quantity purchased is comparatively less.

# PROPOSED SYSTEM

- The major reason why less number of apparels are being shopped online.
- A virtual dressing room which would make people know how cloths personally fits in would be a great luxury for the online sellers which could give a wide choice for customers.
- For online marketers, this would be a great tool for enhancing its market.
- Feature points extraction is based on the much known morphological facts of human structure. The shoulder and hip points have to be found perfectly and precisely which plays a vital role.

# HARDWARE REQUIRMENT

- Processor - Intel
- Speed - 1.1 Ghz
- RAM - 256 MB(min)
- Hard Disk - 20 GB
- Monitor - SVGA

# SOFTWARE REQUIRMENT

- Tool - MATLAB R2012
- Operating system - Windows Xp, 7

# REFERENCES


- Max Mignotte,“Segmentation by Fusion of Histogram based K-Means Clusters in different color space”IEEE Transactions on Image Processing, Vol.17,pp.780-787,2008.
- F. Cordier, W. Lee, H. Seo, and N. MagnenaThalmann, “From 2D Photos of Yourself to Virtual Try-on Dress on the Web”, Springer, pp. 31–46,2001.
- F. Cordier, H. Seo, and N. Magnenat-Thalmann, “Made-tomeasure technologies for an online clothing store”, IEEE Comput. Graph. Appl., vol. 23, no. 1, pp. 38–48, Jan. 2003.