

College of Engineering Chengannur
Department of Computer Engineering
M. Tech. Computer Science(Image Processing)
03CS6902 Mini Project
Periodic Report No.13 (For the period (11/09/2021) to (21/09/2021))
Image Enhancement/Single Image HDR Imaging Method based on Retinex Filtering
CHN20CSIP04 SHANU JOY

1 Work Assigned

Implementation of project

2 Work Done

Some changes are made on image decomposition module to apply guided filter. Thus implementation of this module is completed with both weighted least square and guided filter.

Processed illumination components using Virtual Illumination Generation (VIG) module.

Determined weight map from this processed illumination components. Weighting solution are modified for merging images.

3 Work Schedule for Next 10 Days

Implementation of tone reproduction module to obtain final enhanced image.

4 Assessment of Guide

Performance assessment & Remarks by the guide: Poor/Acceptable/Satisfactory/Good/Very Good/Excellent

Angel Thankam Thomas & dated signature of the guide: