

Project ID	Title	Area/Tags	Max team size
1	An Adaptive Patch Prior For Single Image Blind Deblurring	Image Enhancement, Deblurring	2
2	Image quilting for texture synthesis and transfer	Image Enhancement, Texture	2
3	Depth Of Field Guided Reflection Removal	Image Enhancement, Scale space, Morphological processing	2
4	Single Image Layer Separation using Relative Smoothness	Intrinsic Image Decomposition	2
5	Fast Single Image Reflection Suppression using Discrete Cosine Transform	Image Enhancement, DCT	1
6	Improved Seam Carving for Image Resizing	Seam Carving	1
7	Non-Uniform Blind Deblurring by Reblurring	Image Enhancement, De-blurring	3
8	Illuminant Spectra-based Source Separation Using Flash Photography	Computational Photography, Hull fitting, Source Separation	3
9	Artistic Vision: Painterly Rendering Using Computer Vision Techniques	Non-photorealistic rendering, Morphological processing	3
10	Low-light Image Enhancement via Illumination Map Estimation	Image Enhancement	2
11	Naturalness Preserved Enhancement Algorithm for Non-Uniform Illumination Images	Image Enhancement, Intrinsic Image Decomposition	2
12	Low Light Image Denoising Based On Poisson Noise Model And Weighted TV Regularization	Image Enhancement, Denoising	1
13	Contrast based Filtering for Saliency Detection	Saliency Detection	2
14	Hand Gesture and Sign Recognition	Segmentation	2
15	Content Based Image Compression	Image Compression	2
16	OMR Auto Grading System	OCR	2
17	Removing Camera Shake from a Single Photograph	De-blurring	2
18	Image Cartooning	Edge Detection and Filtering	2
19	Crowd Density Estimation	Segmentation	2
20	Image Analysis for Identifying Mosquito Breeding Grounds	Feature Descriptors, BAG of Words	3
21	Identifying greenery, urban cover and water bodies using google street view images and show visualizations.	Morphological Processing, Segmentation, Visualization	3
22	100+ Times Faster Weighted Median Filter	Filtering	2
23	Latex Generation from Printed Equations	Binarization, skew correction, segmentation	2
24	Road Detection by Using a Generalized Hough Transform on Indian Roads		2
25	Face Illumination Transfer through Edge-preserving Filters	Image enhancement, filtering	2
26	Motion Correction of PET Images Using Multiple Acquisition Frames	Image enhancement	3
27	Data-driven Hallucination of Different Times of Day from a Single Outdoor Photo	Image enhancement, Morphological processing	3
28	Automatic generation of accentuated Pencil Drawing with Saliency Map and LIC	Spacial filtering	3
29	A Clustering-Based Algorithm for Automatic Document Separation	Document Image Processing, clustering	2
30	Removing Non-Uniform Motion Blur from Images	De-blurring	3
31	An Algorithm for Detecting Lines Based on Primitive Connection	Edge tracking, spatial filtering	1
32	Digital Face Makeup	Image enhancement	3
33	Improving image resolution	Super-Resolution	2
34	Super-Resolution from a single image	Super-Resolution	3
35	Unsupervised texture segmentation	Filtering	2
36	Online fingerprint verification	Biometrics	2
37	Bilateral image inpainting	Image inpainting	2
38	Text detection in stone inscriptions of Indian subcontinent: Collect a dataset of stone inscriptions with text and detect text in images of stone inscriptions	Feature Descriptors, HOG	3
39	Underwater Image Enhancement Based On Contrast Adjustment via Differential Evolution Algorithm	Image Restoration	2
40	Shadow Detection and Removal in color images	Image Enhancement	1
41	Image dehazing in adverse weathers	Image Restoration	2
42	Image reflection removal	Image Enhancement	2
43	Single Image Deraining using an adaptive non-local means filter	Image Restoration	1/2
44	FriendBlend	Image blending	2/3
45	Possion Matting	Image matting	2/3
46	Color Transfer	Style Transfer	1/2
47	Patch Matching	Image Editing	2
48	Automatic Signature Stability Analysis And Verification Using Local Features	Biometrics	2/3