**Comparison**

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| **Image /**  **No. of bits** | **1 bit** | **2 bits** | **3 bits** | **4 bits** | **Dynamic** |
| **De Villiers Image**  (Mostly Consists of single color) | PSNR: 55.9393  SSIM: 0.9999  MSE: 0.1656 | PSNR: 52.2636  SSIM: 0.9997  MSE: 0.3861 | PSNR:46.9109  SSIM:0.9991  MSE:1.3243 | PSNR:42.755  SSIM:0.9980  MSE:3.4509 | PSNR:51.893  SSIM:0.9997  MSE:0.4205 |
| **Flower Image**  (Variety of colors) | PSNR:55.9538  SSIM:0.9998  MSE:0.1651 | PSNR:52.2097  SSIM: 0.9995  MSE: 0.3909 | PSNR:46.8866  SSIM:0.9980  MSE:1.3318 | PSNR:43.478  SSIM:0.9950  MSE:2.9215 | PSNR:50.359  SSIM:0.9993  MSE:0.5996 |

Both the images are of dimension 512 x 512 x 3

**Observations:**

* As the number of bits used for encryption increases the PSNR(Peak Signal To Noise Ratio) value, SSIM(Structural Similarity Index Of Images), MSE(Mean Square Error) decreases.
* Here Dynamic case means that if the corresponding pixel value satisfies the threshold condition 4 bits can be encrypted . If it doesn’t satisfy the condition then 2 bits will be encrypted. In this case 3 parameters are not too high and not too low also.