

Figure 20: Bar chart for corr2:

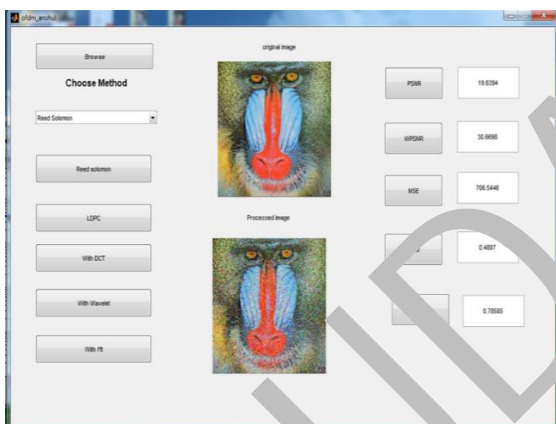


Figure 21: GUI of the recommended mode

III. CONCLUSION

OFDM is a very attractive technique for multicarrier transmission and has become one of the standard choices for high speed data transmission over a communication channel. It has various advantages; but also has one major drawback: it has a very high PAPR.

In this project, the different properties of an OFDM System are analyzed along with DCT and DWT. The simulation results shows that the DWT gives better result than the DCT. We found a constant higher PSNR in DWT. It shows the greater efficiency.

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