

The proposed approach was executed using Matlab 2014(a) on Intel Core I5 processor, 4.00 GB RAM with 1.60 processor speed. A system clock was set on at the beginning of the m-file for both the approaches and execution time was recorded. The graph below shows the execution time for the proposed approach.

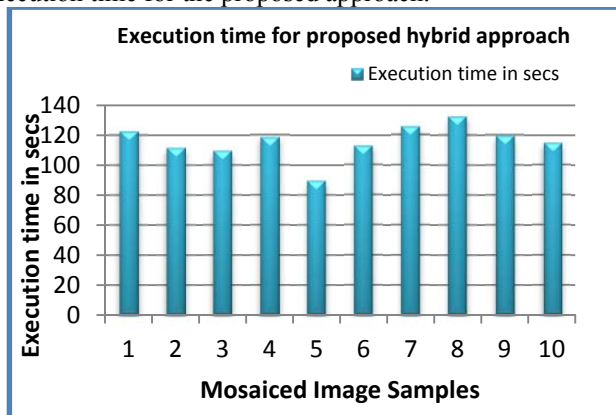


Fig 10 Execution time for the proposed hybrid approach

VII. CONCLUSIONS

In this paper we have proposed a hybrid approach based on edge clustering and connected components to extract the text from mosaiced text document images. The proposed algorithm is 97% efficient in recognizing the text. The recognized result is stored in the text file. The execution time, performance analysis of the proposed approach is also discussed in this paper.

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