

production was determined by the Electrolysis time. Different Electrolysis time was carried out between 5-30 minutes and CRE was monitored for every 5 minutes interval of time. When electrolysis time was between 5-15 minutes the Colour removal efficiency was achieved to 30-60%. At the end of 30 minutes colour removal efficiency was attained to be 98.23% that was mentioned in figure 4.

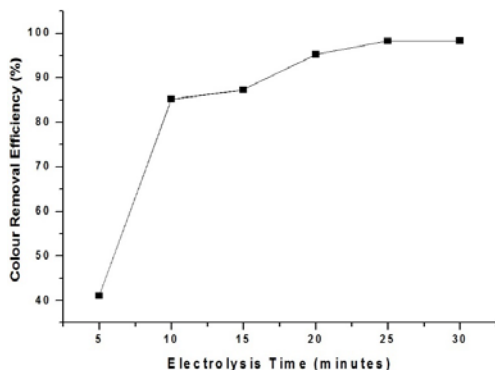


Fig. 4 pH = 7, Retention time = 150 minutes, Concentration = 10 mg/L.

IV. CONCLUSION

The experimental setup is highly suitable for treating the synthetically prepared Reactive black B dye. The maximum colour removal efficiency of 98.23% was achieved at pH 11, concentration of 10 mg/L, electrolysis time of 30 minutes and retention time of 150 minutes. Further research will be carried out on Effect of concentration, Retention time, Electrical conductivity, and Current Density.

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