







Fig4 Effect of Adsorbent Dosage on Adsorption

#### IV. CONCLUSION

Contamination of nitrate in water is a serious issue and emerging technologies are required for removal of it. The present study shows that neem leaves can act as an efficient biosorbent in removal of nitrate from water. The effect of different parameters like contact time adsorbent dosage were studied. Further study of effect of parameters like pH, temperature and effect of different pre-treatment methods of adsorbent would help to increase the efficiency of nitrate removal and enhance the applicability of leaves as a efficient adsorbent.

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