Conclusion:

flavonoid was isolated from the leaves of Fluggea leucopyrus plant and showed in the present thesis that, exhibited good anti oxidant activity against all the methods, exert growth inhibitory effect on human cancer cells and hence will make a novel natural chemical source for anti oxidant, anti-cancer drugs. Efficacy of these drugs against the in vivo anti cancer, antioxidant activity as well as the anti-inflammatory, analgesic and anti-microbial activity provides the strong evidence about their potency as natural anti-oxidant and cancer chemotherapeutic agents. Flavonoids with novel structure are hopeful candidates for anti-oxidants and anti-cancer drugs.