**Abstract**

Bio-informatics is an interdisciplinary field of science involved in collecting and analysing biological data. It is processed with the help of software tools thereby to increase the understanding of biological processes. The Anticancer activity is done to arrest or prevent the growth of cancer cells. It can be done either by using drugs or by extracting proteins from plants. Defining the benefits of using drugs as an anti-cancer agent is difficult. As it may harm the patient due to the presence of chemotherapeutic agents and are cost effective .So, the protein extracts of Catharanthus roseus and Murraya Koenigii are the best anti-cancer agents that overcomes the disadvantages of drugs. The extract of Catharanthus roseus and Murraya Koenigii is used in processes like protein estimation, anti-oxidant activity, anti-microbial activity etc., Further MCF-7 cell lines are cultured and the plant extracts are swapped. In this phase the cell death is observed and compared, and the result is analysed.