OBJECTIVE OF THE PRESENT WORK

India is a rich source of medicinal plants and a number of plant extracts are used against diseases in various systems of medicine such as Ayurveda, Unani, and Siddha. One of the largest causes of mortality worldwide is cancer. Increasing interest and research on herbal medicine have revealed its importance in treating many diseases including cancer. Cancer is becoming an increasingly important risk factor in the global burden of diseases. Deaths from cancer at global level are projected to continue rising, with an estimated 9 million people dying from cancer in 2015. The main objectives of the present studies are that to evolve active chemical constituent from plant species & to check its antioxidant & antitumor properties.

As the Literature reveals that euphorbiaceae species have been used to treat Analgesia, inflammation & antidiuretic activity but no scientific data is available to prove the antitumor & antioxidant potential of various species. All the selected species have been substantiated to treat cancer so the most potent species can also be evaluated using antitumor & antioxidant model. So, in the present study we intend to use the different plant extracts for their antitumor & antioxidant activity.