

List of Tables

Sr. no.	TABLE	Page no
1	Table 1.1: Phytocomponents identified for use in other cancers and their mechanism of action	25
2	Table 1.2: Some Indian medicinal plants used for anti-cancer studies	27
3	Table 1.3: Studies showing Role of Phytocomponents in Breast cancer and their mechanism of action	29
4	Table 1.4: Role of Flavonoids, Iso flavones, catechins and Polyphenols in breast cancer	30
5	Table 1.5: Isolated phytocomponents and their role in breast cancer	31
6	Table 1.6: Role of phytocomponents effective against inflammation in breast cancer	33
7	Table 1.7: Role of phytocomponents effective against carcinogenesis in breast cancer	35
8	Table 1.8: Role of phytocomponents effective against proliferation in breast cancer	35
9	Table 1.9: Role of phytocomponents effective against metastasis and angiogenesis in breast cancer	36
10	Table 1.10: Role of phytocomponents effective against breast cancer stem cells	38

11	Table 1.11: Pre-clinical studies of plant-derived bioactive substances and their mode of action in the process of mammary carcinogenesis	40
12	Table 1.12: Natural therapeutics tested in clinical trials for cancer treatment.	42
13	Table 3.1 Preliminary qualitative tests for phytochemicals	53
14	Table 4.1: Percentage yield obtained from powdered leaves	65
15	Table 4.2: Phytochemical Profile of <i>Bauhinia variegata</i> leaves extracts	66
16	Table 4.3: List of probable phytochemicals detected in the aqueous extract of <i>B. variegata</i> L. leaves	70
17	Table 4.4: The % yield and the R.F. value of the fractions obtained from the aqueous extract of <i>B. variegata</i> L. by Flash chromatography	76