

Table – 6: Mean concentration of total protein content of selected plant species at different sites.

TOTAL PROTEIN CONTENT(mg/g)					
S/N	PLANT SPECIES	SITE-A	SITE-B	SITE-C	SITE-D
1	<i>Ficus bengalensis</i>	0.73±0.02	0.69±0.02	0.84±0.09	0.83±0.06
2	<i>Ficus religiosa</i>	0.28±0.01	0.21±0.03	0.90±0.06	0.92±0.04
3	<i>Mangifera indica</i>	0.65±0.05	0.31±0.03	0.83±0.04	0.87±0.04
4	<i>Bougainvillea spectabilis</i>	0.69±0.02	0.57±0.04	1.21±0.03	1.33±0.06
5	<i>Psidium guajava</i>	0.77±0.03	0.63±0.04	1.40±0.06	1.31±0.05
6	<i>Hibiscus rosasinensis</i>	0.71±0.04	0.65±0.05	0.80±0.01	0.73±0.01
7	<i>Lantana camara</i>	0.78±0.06	0.76±0.05	1.18±0.03	1.12±0.03
8	<i>Delonix regia</i>	0.37±0.03	0.28±0.02	0.66±0.04	0.70±0.05
9	<i>Artocarpus heterophyllus</i>	0.62±0.02	0.49±0.01	0.83±0.09	0.80±0.06
10	<i>Cassia auriculata</i>	0.71±0.01	0.73±0.03	0.94±0.03	1.06±0.06
11	<i>Bauhinia variegata</i>	0.50±0.01	0.47±0.03	0.88±0.02	0.77±0.06
12	<i>Lagerstroemia speciosa</i>	0.88±0.08	0.80±0.02	0.99±0.07	0.98±0.08

Table 7. A Correlation between ambient air quality and foliar parameters of selected plant species.

	Total chlorophyll	Ascorbic acid	Protein	Sugar
SPM	-0.9706	0.9562	-0.9716	-0.9895
RSPM	-0.9873	0.9948	-0.9136	-0.9168
SO ₂	-0.9596	0.9589	-0.9899	-0.9796
NO ₂	-0.9602	0.9700	-0.8208	-0.8371