

A report on steps taken towards plantation drive in the wake of post Amphan ravage

Presidency University is committed to secure and maintain a clean, green and pollution free campus, ensuring quality of life in a nature friendly environment. Planting tree has been a sustained drive of the University involving students, teachers, officers, support staff and other stakeholders. The entire campus has a canopy of trees which includes orchards (fruit and nut producing trees), florals, flowering trees and shrubs, hard-wood trees etc viz cherry, guava, orange, mausambi, jamrul, lemon, kamranga, black plum, coconut, polandi, spider lily, kamini, heliconia, bougainvillea, tecoma, plumeria alba, madhabilata, mahogany etc. In addition the University maintains a lush green outfield covered with fine leafed grasses (presently under renovation). In the FY 2016-17, 2017-18 Presidency University has undertaken massive plantation program comprising of different varieties of shrubs and trees etc. under the financial assistance of the Dept. Of Higher Education, Govt. of West Bengal. The varieties of shrubs and the trees so selected for the plantation program were in accordance to the recommendation of the Directorate of Horticulture, Govt. of West Bengal. An exhaustive list of trees, shrubs etc planted during the said program is appended below.

Fruit Trees
JAMRUL TREE (RED AND WHITE VARIETY)
BEDANA TREE
BATABI TREE
ORANGE TREE
PATI LEMON TREE
HAZARI LEMON TREE
GUAVA TREE (BLACK VARIETY, RED VARIETY AND GREEN K.G. VARIETY)
COCONUT TREE (GANGABARDHAN HAZARI VARIETY)
GANDHARAJ LEMON TREE
KAMRANGA TREE
KARAMCHA TREE
MUSAMBI LEMON TREE
SUPARI TREE

(B)	TALL FLOWER TREES NORMAL & SCENTED :-
01.	KRISHNACHURA TREE
02.	RADHACHURA TREE
03.	POLANDI TREE
04.	BOTTLE BRUSH TREE,(RED COLOUR)
05.	CASIA FISTULA TREE,(YELLOW FLOWER)
06.	SWARNACHAMPA TREE

07.	SWET CHAMPA TREE
08.	SEWLI TREE
09.	PLUMERIA TREE,(RED, PINK AND WHITE COLOUR)
10.	TECOMA TREE, (YELLOW COLOUR)
11.	GANDHARAJ FLOWER TREE
12.	KOLKE FLOWER TREE,(YELLOW, WHITE AND PINK COLOUR)

(C)	MEDIUM HEIGHT SHRUBS NORMAL & SCENTED:-
01.	BOUGENBALIA PLANTS, (DEEP ORANGE AND PINK COLOUR FOR CREPPER & DWARF)
02.	GANDHARAJ FLOWER PLANTS, (CHINESE TYPE)
03.	BELI FLOWER PLANTS, (DOUBLE TYPE)
04.	JUHI FLOWER PLANTS, (DOUBLE TYPE).
05.	HUSNAHANA FLOWER PLANTS, (DWARF TYPE)
06.	MADHABILATA FLOWER PLANTS, (CREPPER TYPE)
07.	HELICONIA FLOWER PLANTS, (ERECTA AND PENDULA VARIETY)
08.	HIBISCUS FLOWER PLANTS, (BANGALORE & AUSTRALIAN VARIETIES)
09.	KARABI FLOWER PLANTS, (RED & PINK COLOUR)
10.	KAMINI HEDGE PLANTS

(D)	VARIETIES LILY FOR LAND & WATER:-
01.	BALL LILY,(RED COLOUR)
02.	RED CRINAM LILY ,(RED COLOUR)
03.	SPIDER LILY, (WHITECOLOUR)
04.	PINK CRINAM LILY ,(PINK COLOUR)
05.	YELLOW RAIN LILY,(YELLOW COLOUR)
06.	ROSE RAIN LILY,(DEEP PINK COLOUR)
07.	WATER LILY,(YELLOW, RED AND VIOLET COLOUR)
08.	PEACE LILY (WHITE COLOUR)
09.	MEXICAN GRASS CAREPT FOR OPEN AREA IN BED.

Thereafter the entire plantation maintenance is carried out by PWD which include measures such as regular weeding, thinning, watering, well timed and careful removal of damaged trees, pest control (timely treatment with insecticides and fungicides), plantation of seasonal based flowering trees etc.

Cyclone Amphan left behind a trail of staggering destruction across the University campus while uprooting several trees, destroying hedges and flattened top heavy age old trees along with ripping out electric poles, snapping electric cables and damaging buildings. The University took stock of the situation and initiated the process of restoration and plantation through PWD. A plantation drive was undertaken in the University campus on World Environment Day, 5th June 2020 in a bid to restore the green cover lost during cyclone Amphan and about 200 samplings of different varieties (Krishnachura, Radhachura, Tabuebia, Lombu, Mahogany, Rudrapalas etc.) were planted throughout the campus. Further plantation program will be carried out from time to time to compensate the loss suffered on account of Amphan.

Towards its endeavour to attain a green campus, the University has already installed rain water harvesting facility and in the process of installing solar power plant, the estimate of which (prepared by PWD) has already been submitted to the Higher Education Dept. for approval and release of grant.