

## Activities of Green Campus Committee for the year 2022-2023.

1. The Green Campus Committee of Kiang Nangbah Government College in collaboration with IQAC organised a one-day Green Campaign cum Awareness Programme to celebrate the world environment day 2023. Since this year the world environment day coincides with the semester's exam, so the celebration was preponed to the 13<sup>th</sup> of May 2023.that aims at raising awareness and celebrating environmental action. This year's campaign is celebrated under the theme **#Beat Plastic Pollution**. It highlights the need to take concrete action to achieve transformative change to tackle the climate crisis. This innovative approach connected plastic pollution to everyday experiences in real-time, emphasizing the need for action. The program was held in the College Multipurpose Hall, the program started off with an awareness speech deliberated by the Principal of the College, Dr. (Mrs) E.M Blah on the dangers of plastics and the importance of reducing their use in our daily activities.



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Government College was a Resource person on this day. In his talk, he mentioned that the world is being inundated by plastic. More than 400 million tonnes of plastic are produced every year, half of which is designed to be used only once. Of that, less than 10 per cent is recycled. An estimated 19-23 million tonnes end up in lakes, rivers and seas. Today, plastic clogs landfills leaches into the ocean and is combusted into toxic smoke, making it one of the gravest threats to the planet. Even more harmful is microplastics which are tiny plastic particles (less than 5mm) that result from both breakdown of larger plastics and commercial product development. Microplastics find their way into the food we eat, the water we drink and even the air we breathe. Many plastic products contain hazardous additives, which may pose a threat to our health. Realising



this threat from plastic pollution, the speaker explained various issues which were of utmost importance especially from an institutional perspective together with a concerted effort, is needed from individuals, governments, companies and other stakeholders to manage and solve this crisis. This underscores the importance of this World Environment Day mobilizing action from every corner of the world. World Environment Day 2023 is offering hope that one day, plastic pollution will be history.



The program also includes a poster competition for the students' participants on various aspects of plastic pollution related with the topic "**Beat Plastic Pollution**". The programmed was highly engaging and informative with a lot of interesting discussions and questions from the participant.

On this day a tree plantation campaign in and around the campus was also initiated by the Green campus committee where about 200 tree samplings which were provided by Dr. Nripemo Odyuo, Scientist 'E office of Botanical Survey of India Shillong, Meghalaya, were planted with the active involvement of all Teachers, Non-teaching staffs and Students of the college.







2. The Green Campus Committee in collaboration with Botany Department have initiated the Documentation of plant species that are present in the college campus however, the work has not been completed as yet, it is still ongoing. Few of the Plant species that were identified comprise the following species. Identification of the plant specimens was carried out through regional floras. All trees are named scientifically and tags were put on the different types of trees in the college campus to generate enthusiasm for learners.

	SPECIES	FAMILY	HABIT
1	<i>Achyranthes aspera</i> L.	Amaranthaceae	Herb
2	<i>Arisaema tortuosum</i> (Wall.) Schott	Araceae	Herb
3	<i>Athyrium drepanopterum</i> (Kunze) A. Braun ex Milde	Dryopteridaceae	Herb
4	<i>Begonia palmata</i> D. Don	Begoniaceae	Herb
5	<i>Bidens pilosa</i> L.	Asteraceae	Herb
6	<i>Carex filicina</i> Nees	Cyperaceae	Herb
7	<i>Centella asiatica</i> (L.) Urb.	Apiaceae	Herb
8	<i>Commelina paludosa</i> Blume	Commelinaceae	Herb
9	<i>Cyanotis vaga</i> (Lour) J.A. & J.H. Schult	Commelinaceae	Herb
10	<i>Desmodium triflorum</i> (L.) DC.	Fabaceae	Herb
11	<i>Dicrocephala bicolor</i> (Roth) Schtdl.	Asteraceae	Herb
12	<i>Elatostema hookerianum</i> Wedd.	Urticaceae	Herb
13	<i>Globba clarkei</i> Baker	Zingiberaceae	Herb
14	<i>Gomphostemma nutans</i> Hook.f.	Lamiaceae	Herb
15	<i>Gynura cusimbua</i> (D. Don) S. Moore	Asteraceae	Herb
16	<i>Hedychium coccineum</i> Buch.-Ham. ex Sm.	Zingiberaceae	Herb
17	<i>Hedychium gracile</i> Roxb.	Zingiberaceae	Herb
18	<i>Houttuynia cordata</i> Thunb.	Saururaceae	Herb
19	<i>Hydrocotyle javanica</i> Thunb	Araliaceae	Herb
20	<i>Impatiens benthamii</i> Steenis	Balsaminaceae	Herb
21	<i>Impatiens chinensis</i> L.	Balsaminaceae	Herb
22	<i>Imperata cylindrica</i> (L.) Raeusch.	Poaceae	Herb
23	<i>Lecanthus peduncularis</i> (Wall. ex Royle) Wedd.	Urticaceae	Herb
24	<i>Murdannia gigantea</i> (Vahl) G. Brückn.	Commelinaceae	Herb
25	<i>Murdannia nudiflora</i> (L.) Brenan	Commelinaceae	Herb
26	<i>Ophiopogon japonicus</i> (Thunb.) Ker Gawl.	Asparagaceae	Herb
27	<i>Panicum brevifolium</i> L.	Poaceae	Herb
28	<i>Scutellaria discolor</i> Wall. ex Benth.	Lamiaceae	Herb
29	<i>Selaginella semicordata</i> (Wall. ex Hook. & Grev.) Spring	Selaginellaceae	Herb
30	<i>Solanum myriacanthum</i> Dunal	Solanaceae	Herb



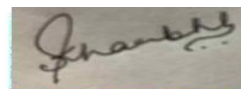
1	<i>Agapetes obovata</i> (Wight) Benth. & Hook.f.	Ericaceae	Shrub
2	<i>Ardisia crispa</i> (Thunb.) A.DC.	Primulaceae	Shrub
3	<i>Artemisia nilagirica</i> (C.B.Clarke) Pamp.	Asteraceae	Shrub
4	<i>Boehmeria macrophylla</i> Hornem.	Urticaceae	Shrub
5	<i>Breynia retusa</i> (Dennst.) Alston	Phyllanthaceae	Shrub
6	<i>Buddleja macrostachya</i> Wall ex Benth.	Scrophulariaceae	Shrub
7	<i>Eurya japonica</i> Thunb.	Pentaphylacaceae	Shrub
8	<i>Goniothalamus sesquipedalis</i> (Wall.) Hk.f. & Th	Annonaceae	Shrub
9	<i>Inula cappa</i> (Buch.-Ham. ex D.Don) DC.	Asteraceae	Shrub
10	<i>Leea asiatica</i> (L.) Ridsdale	Vitaceae	Shrub
11	<i>Melastoma malabathricum</i> L.	Melastomaceae	Shrub
12	<i>Osbeckia nepalensis</i> Hook. f.	Melastomaceae	Shrub
13	<i>Polygala arillata</i> Buch.-Ham. ex D. Don	Polygalaceae	Shrub
14	<i>Phlogacanthus pubinervius</i> T. And	Acanthaceae	Shrub
15	<i>Sida rhombifolia</i> L.	Malvaceae	Shrub
16	<i>Spiraea japonica</i> L.f.	Rosaceae	Shrub
17	<i>Urena lobata</i> L.	Malvaceae	Shrub
18	<i>Viburnum foetidum</i> Wall.	Adoxaceae	Shrub
1	<i>Albizia chinensis</i> (Osbeck) Merr.	Mimosaceae	Tree
2	<i>Alnus nepalensis</i> D Don	Betulaceae	Tree
3	<i>Bauhinia variegata</i> Linn.	Caesalpinaceae	Tree
4	<i>Betula alnoides</i> Buch.-Ham. ex D.Don	Betulaceae	Tree
5	<i>Caryota urens</i> Linn.	Arecaceae	Tree
6	<i>Castanopsis tribuloides</i> ( Sm.) DC.	Fagaceae	Tree
7	<i>Citrus latipes</i> (Swingle) Yu.Tanaka	Rutaceae	Tree
8	<i>Calistemon</i> sp	Myrtaceae	Tree
9	<i>Cyclostemon lancifolius</i> Hook.f.	Putranjivaceae	Tree
10	<i>Daphniphyllum himalayense</i> (Benth.) Müll.Arg.	Daphniphyllaceae	Tree
11	<i>Elaeocarpus acuminatus</i> Wall. ex Mast.	Elaeocarpaceae	Tree
12	<i>Elaeocarpus floribundus</i> Blume	Elaeocarpaceae	Tree
13	<i>Engelhardtia spicata</i> Lechen ex Blume	Juglandaceae	Tree
14	<i>Erythrina stricta</i> Roxb.	Fabaceae	Tree
15	<i>Eurya acuminata</i> DC.	Pentaphylacaceae	Tree
16	<i>Ficus nerifolia</i> J.E. Sm.	Moraceae	Tree
17	<i>Ficus virens</i> Aiton	Moraceae	Tree
18	<i>Jagaranda</i> sp	Bignoniaceae	Tree
19	<i>Garcinia cowa</i> Roxb. ex Choisy	Clusiaceae	Tree
20	<i>Helicia robusta</i> (Roxb.) R.Br. ex Blume	Proteaceae	Tree
21	<i>Leucosceptum canum</i> Sm.	Lamiaceae	Tree
22	<i>Ligustrum robustum</i> (Roxb.) Blume	Oleaceae	Tree
23	<i>Lindera latifolia</i> Hook. f.	Lauraceae	Tree
24	<i>Lithocarpus fenestratus</i> (Roxb.) Rehder.	Fagaceae	Tree
25	<i>Lithocarpus dealbatus</i> (Hook.f. & Thomson ex Miq.) Rehder	Fagaceae	Tree



26	Litsea menopetala (Roxb)	Lauraceae	Tree
27	Lyonia ovalifolia (Wall.) Drude	Ericaceae	Tree
28	Myrica esculenta Buch.-Ham. Ex D.Don	Myricaceae	Tree
29	Persea odoratissima (Nees) Koster.	Lauraceae	Tree
30	Photinia integrifolia Lindl.	Rosaceae	Tree
31	Phyllanthus officinalis Linn	Phyllanthaceae	Tree
32	Pinus kesiya Royle ex Gordon	Pinaceae	Tree
33	Prunus napaulensis (Ser.) Steud.	Rosaceae	Tree
34	Pyrus pashia Buch.-Ham. ex D.Don	Rosaceae	Tree
35	Quercus serrata Murray	Fagaceae	Tree
36	Schima wallichii Choisy	Theaceae	Tree
37	Spondias pinnata (L.f.) Kurz	Anacardiaceae	Tree
38	Sterculia sp	Malvaceae	Tree
39	Symplocos glomerata King ex C.B. Clarke	Symplocaceae	Tree
40	Symplocos paniculata (Thunb.) Miq.	Symplocaceae	Tree
41	Syzygium tetragonum (Wight) Wall. ex Walp.	Myrtaceae	Tree
42	Zanthoxylum rhetsa (Roxb.) DC.	Rutaceae	Tree

3. The committee has also submitted the Quotations for installation of Solar Water Heaters in both the Girls and Boys Hostel to reduce the consumption of electricity in the Hostels.
4. The committee has already made an arrangement with the Vendors for disposing of college E-Waste which will be carried out at the earliest.

Member Secretary



Green Campus Committee  
Dr (Mrs.) Saralyn Kharbhih.



## LandScaping with trees & plants

