

Chief Minister's Institutional Plantation Programme



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“সেউজী সেউজী সেউজী অ’
সেউজী ধৰণী খুনীয়া”

– জ্যোতিপ্ৰসাদ আগৰৱালা

17th July to 15th August, 2022

Venue

Dr. Himanta Biswa Sarma
Chief Minister, Assam

An initiative of

Science, Technology and Climate Change Department,

Coordinating Agency

Assam Science Technology and Environment Council

Climate change is the most pressing global environmental challenge faced by humanity today. Temperature rise, extreme weather events, like heavy rainfall, drought like situations, in recent times are some of the indicators of climate change impact. Northeast India which is the confluence of Eastern Himalayan and Indo-Burma biodiversity hotspots is highly vulnerable to climate change owing to its strategic location, fragile ecosystem, trans-boundary river basin and socio-demographic variables. However, plantation and natural regeneration of plants is the key to mitigate climate change. Therefore, a practical, sustaining and long lasting institutional plantation programme has been initiated by the Science, Technology and Climate Change Department covering all the departments under the banner "AMTRI BRIKSHYA- Chief Minister's Institutional Plantation Programme" (CMIPP) which was implemented from 17th July to 15th August 2022.

Altogether all the campuses of Jagannath Barooah College (Autonomous) viz. J.B. College Main campus, J.B. College Commerce Campus, Old girl's hostel and Boy's hostel respectively were chosen for plantation. Around 15 plant species belonging to various families were planted.

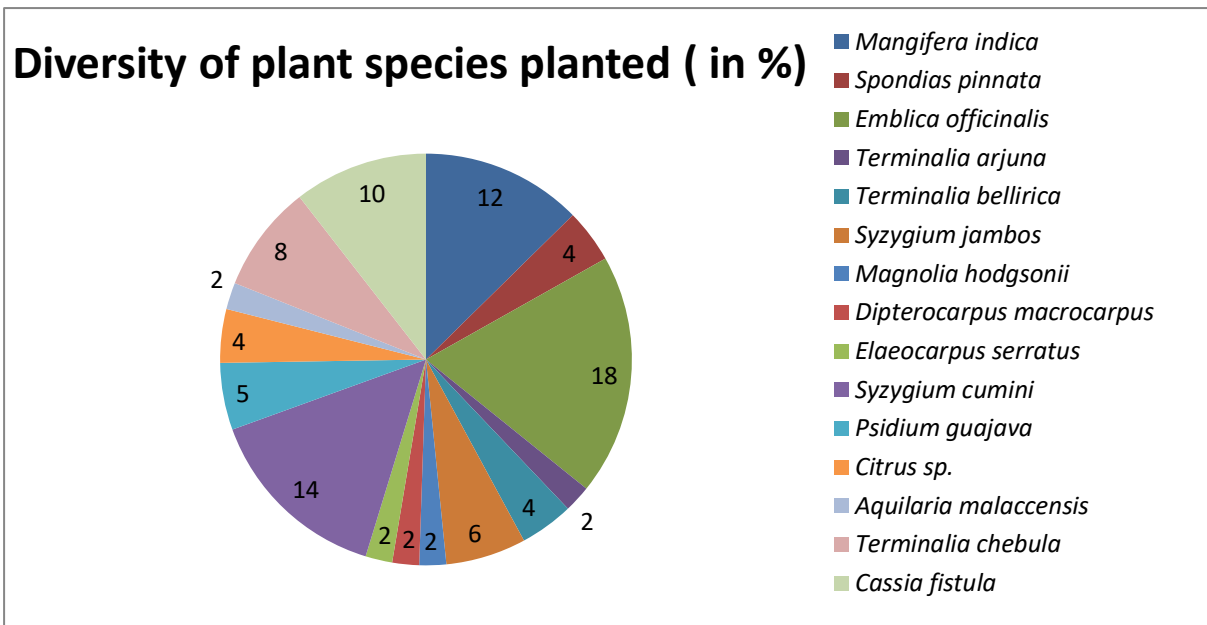


Fig 1: Diversity of Plant species planted in all the campuses of Jagannath Barooah College (Autonomous)

Below is the list of plant species planted under the programme along with their significance, date and time of plantation and location. Some of the planted saplings are shown in Plate I.

Sl No	Plant name	Significance(s)	Plantation Date & Time	Latitude & Longitude	Action
1	Aam, Mango tree (আম) Mango Mangifera indica	Fruit	12-08-2022 11:33 AM	Latitude: 26.757431 Longitude: 94.20436497222222	i Delete
2	Aam, Mango tree (আম) Mango Mangifera indica	Fruit	13-08-2022 02:24 PM	Latitude: 26.754720972222223 Longitude: 94.205701	i Delete
3	Aam, Mango tree (আম) Mango Mangifera indica	Fruit	13-08-2022 02:26 PM	Latitude: 26.754784 Longitude: 94.205673	i Delete
4	Aam, Mango tree (আম) Mango Mangifera indica	Fruit	13-08-2022 02:26 PM	Latitude: 26.754778 Longitude: 94.20560797222223	i Delete
5	Aam, Mango tree (আম) Mango Mangifera indica	Fruit	13-08-2022 02:27 PM	Latitude: 26.752356972222223 Longitude: 94.209654	i Delete
6	Aam, Mango tree (আম) Mango Mangifera indica	Fruit	12-08-2022 11:32 AM	Latitude: 26.755114972222223 Longitude: 94.205498	i Delete
7	Amara, Hog plum (অমৰা) Hog Plum Spondias pinnata	Fruit	12-08-2022 10:23 AM	Latitude: 26.754940972222222 Longitude: 94.205515	i Delete
8	Amara, Hog plum (অমৰা) Hog Plum Spondias pinnata	Fruit	12-08-2022 10:23 AM	Latitude: 26.757443972222223 Longitude: 94.204327	i Delete
9	Amlokhi, Indian gooseberry (আমলাধি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:04 PM	Latitude: 26.754699972222223 Longitude: 94.20513497222223	i Delete
10	Amlokhi, Indian gooseberry (আমলাধি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:05 PM	Latitude: 26.752394972222223 Longitude: 94.20962697222222	i Delete

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SI No	Plant name	Significance(s)	Plantation Date & Time	Latitude & Longitude	Action
1	Bogi Jamu Jamu Syzygium jambos	Fruit	12-08-2022 10:28 AM	Latitude: 26.757455 Longitude: 94.204402	i Delete
2	Bogi Jamu Jamu Syzygium jambos	Fruit	12-08-2022 10:27 AM	Latitude: 26.754953 Longitude: 94.205515	i Delete
3	Bogi Jamuk Rose apple Syzygium jambos	Fruit	13-08-2022 01:59 PM	Latitude: 26.754764 Longitude: 94.205195	i Delete
4	Borhomuthuri Hodgson magnolia Magnolia hodgsonii	Flower Flower	13-08-2022 02:02 PM	Latitude: 26.757266 Longitude: 94.205222	i Delete
5	Hollong Hollong Dipterocarpus macrocarpus	Medicinal	13-08-2022 02:15 PM	Latitude: 26.754705972222222 Longitude: 94.20514697222222	i Delete
6	Jalphaj Indian Olive (জলাফাই) Indian olive Elaeocarpus serratus	Fruit	13-08-2022 02:22 PM	Latitude: 26.754791972222222 Longitude: 94.20561997222222	i Delete
7	Jamu Black plum Syzygium cumini	Medicinal Fruit	13-08-2022 02:17 PM	Latitude: 26.754715972222222 Longitude: 94.20517597222222	i Delete
8	Jamuk Jamuk Syzygium cumini	Medicinal Fruit	13-08-2022 02:18 PM	Latitude: 26.752355972222222 Longitude: 94.209637	i Delete
9	Jamuk Black plum Syzygium cumini	Medicinal Fruit	13-08-2022 02:19 PM	Latitude: 26.752421972222223 Longitude: 94.21008197222223	i Delete
10	Jamuk Black plum Syzygium cumini	Medicinal Fruit	13-08-2022 02:19 PM	Latitude: 26.75474 Longitude: 94.205695	i Delete

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SI No	Plant name	Significance(s)	Plantation Date & Time	Latitude & Longitude	Action
1	Amloki Indian gooseberry (আমলকি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:06 PM	Latitude: 26.752373972222223 Longitude: 94.210007	i Delete
2	Amloki Indian gooseberry (আমলকি) Indian gooseberry Emblca officinalis	Medicinal Fruit	12-08-2022 11:29 AM	Latitude: 26.755493 Longitude: 94.20615497222222	i Delete
3	Amloki Indian gooseberry (আমলকি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:08 PM	Latitude: 26.757169 Longitude: 94.20531097222222	i Delete
4	Amloki Indian gooseberry (আমলকি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:09 PM	Latitude: 26.757177972222223 Longitude: 94.205303	i Delete
5	Amloki Indian gooseberry (আমলকি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:10 PM	Latitude: 26.757166972222223 Longitude: 94.205303	i Delete
6	Amloki Indian gooseberry (আমলকি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:13 PM	Latitude: 26.757263972222223 Longitude: 94.205055	i Delete
7	Amloki Indian gooseberry (আমলকি) Indian gooseberry Emblca officinalis	Medicinal Fruit	13-08-2022 02:14 PM	Latitude: 26.754564972222223 Longitude: 94.205151	i Delete
8	Arjun tree (অর্জুণ) Arjun Terminalia arjuna	Medicinal	13-08-2022 01:55 PM	Latitude: 26.752348972222222 Longitude: 94.209923	i Delete
9	Bhomora Bastard myrobalan (ভোমোৰা) Bastard myrobalan Terminalia bellirica	Medicinal	13-08-2022 01:57 PM	Latitude: 26.752407 Longitude: 94.210025	i Delete
10	Bhomora Bastard myrobalan (ভোমোৰা) Bastard myrobalan Terminalia bellirica	Medicinal	13-08-2022 01:58 PM	Latitude: 26.754766 Longitude: 94.205252	i Delete

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SI No	Plant name	Significance(s)	Plantation Date & Time	Latitude & Longitude	Action
1	Jamuk Black plum Syzygium cumini	Medicinal Fruit	13-08-2022 02:20 PM	Latitude: 26.754771972222223 Longitude: 94.2056	i Delete
2	Jamuk Black plum Syzygium cumini	Medicinal Fruit	13-08-2022 02:21 PM	Latitude: 26.754778 Longitude: 94.205178	i Delete
3	Kola Jamuk Java Plum Syzygium cumini	Medicinal Fruit	12-08-2022 11:31 AM	Latitude: 26.757428972222222 Longitude: 94.204357	i Delete
4	Modhuriaam ,Guava (মধুৰিআম) Guava Psidium guajava	Fruit	12-08-2022 11:34 AM	Latitude: 26.755421972222223 Longitude: 94.205697	i Delete
5	Modhuriaam ,Guava (মধুৰিআম) Guava Psidium guajava	Medicinal Fruit	13-08-2022 02:23 PM	Latitude: 26.752387972222223 Longitude: 94.210070972222223	i Delete
6	Modhuriaam ,Guava (মধুৰিআম) Guava Psidium guajava	Fruit	12-08-2022 11:36 AM	Latitude: 26.755120972222223 Longitude: 94.205522972222223	i Delete
7	Modhuriaam ,Guava (মধুৰিআম) Guava Psidium guajava	Fruit	13-08-2022 02:28 PM	Latitude: 26.757153972222223 Longitude: 94.204966972222222	i Delete
8	Modhuriaam ,Guava (মধুৰিআম) Guava Psidium guajava	Fruit	02-08-2022 11:40 AM	Latitude: 26.757789972222223 Longitude: 94.204295	i Delete
9	nemu Lemon Citrus sp.	Fruit	12-08-2022 11:27 AM	Latitude: 26.754947972222222 Longitude: 94.205907972222222	i Delete
10	Nemu Lemon	Fruit	12-08-2022 10:33 AM	Latitude: 26.757470972222222 Longitude: 94.204447972222223	i Delete

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SI No	Plant name	Significance(s)	Plantation Date & Time	Latitude & Longitude	Action
1	Sasi gos Aganwood Aquilaria malaccensis	Medicinal	13-08-2022 01:54 PM	Latitude: 26.752371 Longitude: 94.209624	i Delete
2	Shilikha , Chebulicmyrobalan (শিলিখা) Chebulic myrobalan Terminalia chebula	Medicinal Fruit	13-08-2022 02:30 PM	Latitude: 26.752390972222223 Longitude: 94.209991	i Delete
3	Shilikha , Chebulicmyrobalan (শিলিখা) Chebulic myrobalan Terminalia chebula	Medicinal Fruit	13-08-2022 02:31 PM	Latitude: 26.754505972222223 Longitude: 94.205202972222222	i Delete
4	Shilikha , Chebulicmyrobalan (শিলিখা) Chebulic myrobalan Terminalia chebula	Medicinal Fruit	12-08-2022 11:39 AM	Latitude: 26.757453 Longitude: 94.204347972222222	i Delete
5	Shilikha , Chebulicmyrobalan (শিলিখা) Chebulicmyrobalan Terminalia chebula	Medicinal Fruit	12-08-2022 11:37 AM	Latitude: 26.754946 Longitude: 94.205513972222222	i Delete
6	Sonaru, Golden tree (সোণাক) Golden tree Cassia fistula	Flower Flower	13-08-2022 02:32 PM	Latitude: 26.755206972222222 Longitude: 94.205562	i Delete
7	Sonaru, Golden tree (সোণাক) Golden tree Cassia fistula	Flower Flower	13-08-2022 02:33 PM	Latitude: 26.755237 Longitude: 94.2056	i Delete
8	Sonaru, Golden tree (সোণাক) Golden tree Cassia fistula	Flower Flower	13-08-2022 02:34 PM	Latitude: 26.755251 Longitude: 94.205588	i Delete
9	Sonaru, Golden tree (সোণাক) Golden tree Cassia fistula	Flower Flower	13-08-2022 02:37 PM	Latitude: 26.754533 Longitude: 94.205173972222223	i Delete
10	Sonaru, Golden tree (সোণাক) Golden tree Cassia fistula	Flower Flower	13-08-2022 01:10 PM	Latitude: 26.755271 Longitude: 94.205607972222223	i Delete



Plate 1: A- *Magnolia hodgsonii*, B- *Aquilaria malaccensis*, C- *Mangifera indica*, D- *Terminalia arjuna*, E- *Dipterocarpus macrocarpus*, F- *Syzygium cumini*, G- *Terminalia chebula*, H- *Cassia fistula*, I- *Elaeocarpus serratus*.