

Government of Assam  
Office of the Director of Higher Education, Assam  
Kahilipara, Guwahati-19

No. DHE/PA/Misc/3/2022/57

Dated Kahilipara, the 14<sup>th</sup> July/2022.

From: Sri Dharma Kanta Mili, A.C.S.  
Director of Higher Education, Assam  
Kahilipara, Guwahati-19.

To,

1. All the Registrars, (State Universities).
2. All the Principals (Govt. Colleges/Provincialised Colleges).

Sub: Regarding reschedule of launch date of the Chief Minister's Institutional Plantation Programme (CMIPP).

Ref: This office earlier letter No. DHE/PA/Misc/3/2022/44, dated 6<sup>th</sup> July/2022.


Sir/Madam,

With reference to the subject cited above, I have the honour to state that the Govt. of Assam has rescheduled the launch of plantation programme under the scheme Chief Minister's Institutional Plantation Programme (CMIPP) by the Hon'ble Chief Minister of Assam which was earlier notified to commence from 15<sup>th</sup> July/2022 till 15<sup>th</sup> August/2022 coinciding with the completion of the yearlong celebration of 'AZADI KA AMRIT MAHOTSAV'. But as notified by the Govt. of Assam vide letter No. STE.40/2022/Pt.8, dated 13<sup>th</sup> July/2022 the new date to initiate the Plantation Programme is from **18<sup>th</sup> of July/2022 till 15<sup>th</sup> August/2022.**

Therefore, you are hereby requested to make the arrangement according to the new schedule mentioned above and also to register in the portal or the app [www.shyamaleechouhad.assam.gov.in](http://www.shyamaleechouhad.assam.gov.in) and regularly upload the photographs for three years.

This is for your kind information and necessary action.

Yours faithfully


  
Director of Higher Education, Assam  
Kahilipara, Guwahati-19.

Dated Kahilipara, the 14<sup>th</sup> July/2022.

Memo No. DHE/PA/Misc/3/2022/57-A

Copy to:-

1. The Secretary to the Govt. of Assam, Science, Technology and Climate Change Department, Assam, Dispur, Guwahati-6.
2. The Director, Assam Science Technology and Environment Council for information.
3. The P.S to the Hon'ble Minister, Education, Assam, Dispur, Guwahati-6.
4. The P.S. to the Commissioner & Secretary to the Govt. of Assam, Higher Education Department, Dispur, Guwahati-6.
5. Guard file.

  
Director of Higher Education, Assam  
Kahilipara, Guwahati-19.



**MINUTES OF THE MEETING HELD ON 30.06.2022 WITH THE EDUCATION DEPARTMENT TO DISCUSS THE IMPLEMENTATION OF THE CHIEF MINISTER'S INSTITUTIONAL PLANTATION PROGRAMME IN EDUCATIONAL INSTITUTIONS:**

The meeting was chaired by Chief Secretary, Assam

**Members Present:**

(List enclosed)

The Chairman welcomed the members and urged all entities under the Education Department to participate in the Chief Minister's Institutional Plantation Programme (CMIPP) befittingly.

1. The Secretary, Science, Technology and Climate Change (ST&CC) Department briefed the members about the objectives and implementation strategy of (CMIPP). All educational institutions under Education Department (Elementary, Secondary and Higher Education) are requested to participate in the plantation drive from 15<sup>th</sup> July to 15<sup>th</sup> August 2022.

2. The programme has the following **objectives:**

- 2.1 Enhance carbon stock through mass plantation
- 2.2 Conservation of important native plant species including medicinal and fruit plants.
- 2.3 Beautification of institutional premises with absolute green cover
- 2.4 Creating awareness for collective participation in climate change mitigation

3. The following activities are agreed to be taken up by all concerned:

**(3.1) Preparation:**

3.1.1. Available space for plantation to be identified by the respective institutions and recorded for uploading in the dedicated web-portal.

3.1.2 Selection of native species for plantation based on suitability of the premises.

Institutions may select species from the list provided by Assam Science Technology and Environment Council (ASTECC) or other native species suitable for the premises. (list of species provided by ASTEC is enclosed herewith)

3.1.3 Preparation of site for plantation

3.1.4 To approach local offices of Forest and Agriculture Department for saplings and for technical guidance, if necessary.

**3.2 Plantation Drive:**

3.2.1 **Launch:** To be launched on 15<sup>th</sup> July 2022 by all heads of offices and institutions at headquarters and districts. Hon'ble Chief Minister would launch the programme on 15<sup>th</sup> July 2022 from a premises of his choice.

3.2.2 Plantation drive will continue till 15<sup>th</sup> August 2022 which is going to coincide with the concluding ceremony of "Azadi Ka Amrit Mahotsav".

3.2.3. **Culmination of Plantation Drive:** On 15<sup>th</sup> August 2022 the institutions would revisit the plantations already done and assess the survival and upload the report on portal created for this purpose.

**3.3 Monitoring:**

3.3.1 Web-portal for monitoring the plantation will be shared by the Science, Technology and Climate Change Department.



- 3.3.2 The heads of the institutions would upload the geo-tagged photographs of the planted sapling in the web-portal immediately after plantation and upload particulars about survival every three months for three years.
- 3.3.3 Schools and colleges having "Youth and Eco-clubs", "Eco-clubs" and "College Environment Cells" may take the CMIPP as part of activities of such existing programmes in the institutes.
- 3.3.4. The Director, Technical Education will hold a video-conference (VC) with the Principals of the engineering colleges and polytechnics. Director, Higher Education may also hold VC with universities to disseminate the instructions regarding implementation of the scheme.
- 3.3.5 It was also suggested that in schools and colleges students may be entrusted responsibilities of taking care of plants individually or in groups for 3 years
- 3.3.6 An award will be constituted to recognize and honour the best organized School/College/University campus under CMIPP
- 3.3.7. The Secretary, ST&CC Department sought active cooperation and participation of all concerned to make the programme successful.

The meeting ended with thanks to and from the Chair.

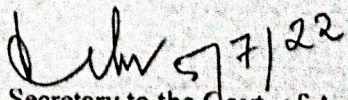
Sd/-  
(Jishnu Baruah, IAS)  
Chief Secretary, Assam

Dated Dispur, 5<sup>th</sup> July, 2022

Memo No. STE. 40/2022/Pt/3-A

Copy to:-

1. Mission Director, SSA for kind information
2. S.O. to Chief Secretary, Assam for kind information
3. PPS to Hon'ble Chief Minister, Assam for kind information
4. The Director, Science & Technology for kind information
5. The Director, Higher/Technical/Secondary/Elementary Education, Assam for kind information and necessary action
6. Director, Assam Science Technology and Environment Council for kind information and necessary action
7. P.S. to Hon'ble Minister, Science, Technology & Climate Change, Assam for kind information
8. P.S. to Commissioner & Secretary, Higher Education for kind information of the Commissioner & Secretary
9. P.S. to Secretary, Secondary/Elementary Education for kind information
10. Person concerned.....
11. Guard file
12. Office copy

  
Additional Secretary to the Govt. of Assam  
Science, Technology & Climate Change Department



**Suggestive list of species for plantation**  
Under "Chief Minister's Institutional Plantation Programme" to be conducted during 15th July - 15th August 2022

| Sl. No. | Local/ Common name         | Scientific name                                      | Utility  | Habit       | Saplings raised from                 |
|---------|----------------------------|--|--|-------------|--------------------------------------|
| 1       | অগক (Agar Wood)            | <i>Aquilaria malaccensis</i> Lam.                    | Wood medicinal, sometimes used as fuel wood, infected wood highly economic   | Big tree    | Seeds                                |
| 2       | অমবা(Hog plum)             | <i>Spondias pinnata</i> (L.f.) Kurz                  | Bark, leaves, fruits medicinal, fruits edible, leaves & fruits animal feed   | Medium tree | Seeds                                |
| 3       | অর্জুন (Arjun tree)        | <i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn. | Bark, fruits medicinal, sometimes used as fuel wood, suitable for road-side plantation   | Big tree    | Seeds                                |
| 4       | অশোক (Sita Ashok)          | <i>Saraca asoca</i> (Roxb.) Willd.                   | Bark medicinal, ornamental, evergreen, suitable for road-side plantation   | Medium tree | Seeds, branch cuttings, air-layering |
| 5       | আম (Mango tree)            | <i>Mangifera indica</i> L.                           | Fruits edible and used for pickle making, shelter for epiphytic plants & birds, good fuel wood, evergreen, suitable for road-side plantation | Big tree    | Seeds, air-layering, grafting        |
| 6       | আমলিখি (Indian gooseberry) | <i>Phyllanthus emblica</i> L.                        | Fruits medicinal, edible and used for pickle making  | Medium tree | Seeds                                |
| 7       | এজার (Common Crape Myrtle) | <i>Lagerstroemia indica</i> L.                       | Roots, bark, leaves, flowers medicinal, ornamental, suitable for road-side plantation  | Medium tree | Seeds, stem cuttings                 |
| 8       | কঠাল (Jackfruit)           | <i>Artocarpus heterophyllus</i> Lam.                 | Bark, leaves (latex) medicinal, fruits edible, leaves animal feed, evergreen   | Big tree    | Seeds                                |
| 9       | কবছ (Indian beech)         | <i>Pongamia pinnata</i> (L.) Pierre                  | Leaves, flowers, green pods medicinal, ornamental, evergreen, suitable for road-side plantation  | Medium tree | Seeds, stem cuttings                 |
| 10      | কবদৈ (Star fruit)          | <i>Averrhoa carambola</i> L.                         | Leaves, fruits, flowers medicinal, fruits edible and used for pickle making, fuel wood, evergreen  | Medium tree | Seeds                                |
| 11      | কবরী (Yellow oleander)     | <i>Cascabela thevetia</i> (L.) Lippold               | Bark, leaves, fruits medicinal but toxic, ornamental, evergreen, suitable for road-side plantation   | Small tree  | Seeds, stem cuttings                 |
| 12      | কুজীথেকেবা (Cowa fruit)    | <i>Garcinia cowa</i> Roxb. ex Choisy                 | Root bark, leaves, fruits medicinal, processed fruits edible   | Medium tree | Seeds                                |
| 13      | কৃষ্ণচূড়া (Flame Tree)    | <i>Delonix regia</i> (Hook.) Raf.                    | Leaves, flowers medicinal, ornamental, good fuel wood, suitable for road-side plantation   | Medium tree | Seeds                                |
| 14      | গুলঞ্চ (White frangipani)  | <i>Plumeria alba</i> L.                              | Root bark, flowers, seeds medicinal, ornamental, evergreen   | Small tree  | Apical branch cuttings               |



|    |                                  |   |   |             |  |
|----|----------------------------------|---|---|-------------|--|
| 15 | জলফাই (Indian Olive)             | <i>Elaeocarpus floribundus</i> Blume        | Bark, leaves, fruits medicinal, fruits edible & used for pickle making, fuel wood, evergreen, suitable for road-side plantation | Big tree    | Seeds  |
| 16 | জবাফুল (Chinese hibiscus)        | <i>Hibiscus rosa-sinensis</i> L.            | Flowers, leaves medicinal, ornamental, evergreen  | Small tree  | Stem cuttings, air-layering                  |
| 17 | ডালিম (Pomegranate)              | <i>Punica granatum</i> L.                   | Bark, fruits medicinal, seeds edible  | Small tree  | Seeds, Stem cuttings                         |
| 18 | তেতেলি (Tamarind)                | <i>Tamarindus indica</i> L.                 | All plant parts medicinal, suitable for road-side plantation  | Big tree    | Seeds  |
| 19 | নাহৰ (Ceylon iron wood)          | <i>Mesua ferrea</i> L.                      | Bark, leaves, flower buds, seeds medicinal, timber, ornamental, evergreen, suitable for road-side plantation                    | Big tree    | Seeds  |
| 20 | পুত্রাজীবা (Putranjiva tree)     | <i>Putranjiva roxburghii</i> Wall.          | Leaves, pods medicinal, ornamental, evergreen, suitable for road-side plantation  | Medium tree | Seeds, stem cuttings                         |
| 21 | বকুল (Spanish cherry)            | <i>Mimusops elengi</i> L.                   | Bark, flowers, fruits, seeds medicinal, shelter for epiphytes & birds, fuel wood, evergreen, suitable for road-side plantation  | Big tree    | Seeds  |
| 22 | ববজামুক (Malabar plum)           | <i>Syzygium cumini</i> (L.) Skeels          | Bark, fruits medicinal, fruits edible, animal shelter, fuel wood, suitable for road-side plantation                             | Big tree    | Seeds, air-layering                          |
| 23 | ভোমোৰা (Bastard myrobalan)       | <i>Terminalia bellirica</i> (Gaertn.) Roxb. | Fruits medicinal, fuel wood, also timber, fruits & leaves animal feed, suitable for road-side plantation                        | Big tree    | Seeds  |
| 24 | মধুৰিআম (Guava)                  | <i>Psidium guajava</i> L.                   | Bark, leaves, flowers, fruits, roots medicinal, fruits edible, leaves animal feed   | Small tree  | Seeds, grafting, air-layering, root cuttings |
| 25 | মহানিম (Indian lilac)            | <i>Azadirachta indica</i> A.Juss.           | Leaves, bark, flowers, seeds medicinal, fuel wood, evergreen, suitable for road-side plantation                                 | Medium tree | Seeds  |
| 26 | বঙকাঞ্চন (Purple Bauhinia)       | <i>Bauhinia purpurea</i> L.                 | Bark, leaves, flowers medicinal, ornamental, suitable for road-side plantation  | Medium tree | Seeds, stem cuttings                         |
| 27 | বাঙলফুল (Jungle flame)           | <i>Ixora coccinea</i> L.                    | Bark, leaves, flowers, roots medicinal, ornamental  | Shrub       | Stem cuttings                                |
| 28 | বাধাচূড়া (Peacock flower)       | <i>Caesalpinia pulcherrima</i> (L.) Sw.     | Bark, leaves, flowers, seeds medicinal, ornamental, fuel wood, suitable for road-side plantation                                | Medium tree | Seeds, stem cuttings                         |
| 29 | লিচু (Litchi)                    | <i>Litchi chinensis</i> Sonn.               | Root bark, flowers, fruits, seeds medicinal, fruits edible, fuel wood, evergreen, suitable for road-side plantation             | Medium tree | Seeds, grafting, air-layering                |
| 30 | লেটেকু (Burmese grape)           | <i>Baccaurea ramiflora</i> Lour.            | Fruits, seeds medicinal, fruits edible, evergreen   | Medium tree | Seeds, branch cuttings                       |
| 31 | শগুণীলতা (Heart-leaved moonseed) | <i>Tinospora cordifolia</i> (Willd.) Miers  | Root, stem, leaves medicinal, climber   | Climber     | Seeds, Stem cuttings                         |



|    |                             |                                    |   |            |                                    |
|----|-----------------------------|------------------------------------|---|------------|------------------------------------|
| 32 | শিলিখা (Chebulic myrobalan) | <i>Terminalia chebula</i> Retz.    | Fruits, bark medicinal, timber, suitable for road-side plantation                                     | Big tree   | Seeds                              |
| 33 | শেরালী (Night jasmine)      | <i>Nyctanthes arbor-tristis</i> L. | Root, bark, flowers, seeds medicinal, ornamental  | Small tree | Seeds, stem cuttings               |
| 34 | সোণাৰু (Golden tree)        | <i>Cassia fistula</i> L.           | Bark, leaves, roots, pods medicinal, ornamental, suitable for road-side plantation                    | Big tree   | Seeds, stem cuttings, air-layering |
| 35 | হুলপদ্ম (Cotton rosemallow) | <i>Hibiscus mutabilis</i> L.       | Leaves, flowers medicinal, ornamental, prevents river bank erosion, suitable for road-side plantation | Small tree | Seeds, Stem cuttings               |

N.B. (i) Other native plant species may also be considered suitable for plantation in the premises, (ii) Habit of the plant is based on general observation only

**Plantation Guidelines for Sapling that raised from seeds, cuttings, grafting, air-layering, etc.**

- \* Choose a suitable site that is appropriate for the particular plant species. If the site is low land then raise the level of the site as per requirement looking at the ground level.
- \* Maintain approximate spacing for plantation: Big tree 20ft.; Medium tree 15 ft. & Small tree 10 ft., Climber: It requires big host plant to climb over.
- \* After sapling collection plant it within a day or two.
- \* Cut the wrapping from top at one side and remove the sapling gently from its original wrapping with root mass.
- \* Dig a hole on the selected site at least two-three times bigger than the root ball or root mass of the sapling.
- \* Put some amount of dry organic fertilizer up to 6-8 cm height or raise the bottom of the hole to maintain the top level of the root mass of the sapling with the ground level.
- \* Put the sapling in the middle of the hole carefully with root mass and make sure that the tree is straight and plumb.
- \* Backfill the entire hole with the existing soil and organic fertilizer and spray required water on the backfilled hole.
- \* Gently compact the surface of the backfill hole and ensure that the sapling is properly planted.
- \* Take a photograph of each planted sapling with geo-tagging and upload in the web portal "shyamoleechouhad.assam.gov.in" and repeat the same after each six-month till three years.
- \* If necessary a proper size bamboo guard is to be erected around the plant saplings to avoid damage by cattle or unwanted elements.
- \* If the planted sapling is not survived then replace it immediately with a healthy one.
- \* The sapling may be considered as a part of your family that needs regular monitoring up to its growth about 8 ft. height.