



NAHEP



INSTITUTIONAL DEVELOPMENT PLAN

IDP FOREST



TNAU - IDP - NAHEP - ICAR

**Directorate of Agribusiness Development
Tamil Nadu Agricultural University
Coimbatore**

Tamil Nadu Agricultural University, has been awarded Institutional Development Plan under National Agricultural Higher Education Project by the Indian Council of Agricultural Research, New Delhi. As one of the activities under IDP, TNAU would be establishing IDP Forest at Agricultural College and Research Institute, Coimbatore, Forest College and Research Institute, Mettupalayam and Agricultural College and Research Institute, Killikulam, Thoothukudi district. In this regard, the planting of IDP forest at Agricultural College and Research Institute was initiated on 21 September, 2019 by adopting *Miyawaki* type of planting.

Miyawaki is a technique pioneered by Japanese botanist Akira Miyawaki. Forest cover is being reduced at an alarming rate and centuryz old trees are being brought down in few hours making an irreversible loss. A solution to bring back the lost green cover quickly is this *Miyawaki* method of tree plantation. This helps build dense, native forests. The approach is supposed to ensure that plant growth is 10 times faster and the resulting plantation is 30 times denser than usual. It involves planting dozens of native species in the same area, and becomes maintenance-free after the first three years. *Miyawaki* forest is answer to cities which are turning to concrete jungles. Small patch of forests in multiple locations within the city will act as carbon sink for the city. In the light of the above, ten tree species is planted in TNAU campus IDP - Forest. The planting and maintenance of this green cover would be done by undergraduate students.

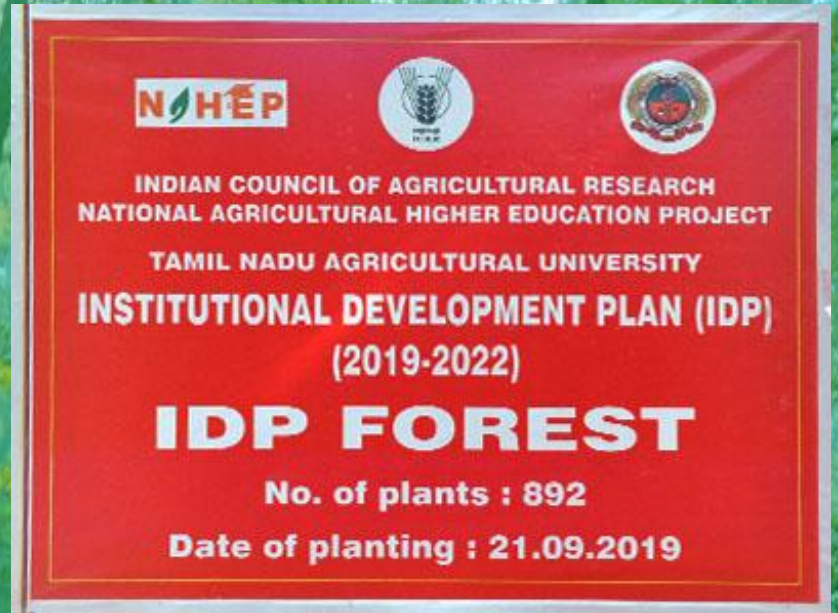
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➤ Native Trees

1. *Syzygium cumini*,
2. *Dalbergia latifolia*
3. *Swietenia mahagoni*
4. *Azadirachta indica*
5. *Pongamia pinnata*
6. *Terminalia arjuna*
7. *Pterocarpus santalinus*
8. *Pterocarpus marsupium*
9. *Simaruba glauca*
10. *Madhuca indica* (illupai)



➤ Shrubs

- *Nerium* (Red)
- *Nerium* (Pink)
- *Nerium* (White)
- *Plumeria*
- *Tecoma gaudichaudi*
- *Caesalpinia pulcherrima*
- *Cassia biflora*
- *Hibiscus rosa-sinensis*
- *Taberna montana* (white)
- *Lagestroemia indica*

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NATIONAL AGRICULTURAL HIGHER EDUCATION PROJECT

INDIAN COUNCIL FOR AGRICULTURAL RESEARCH

TAMIL NADU AGRICULTURAL UNIVERSITY

INSTITUTIONAL DEVELOPMENT PLAN

(2019 - 2020)

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WELCOME

21 September 2019

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Dr. R. C. Agrawal, National Director NAHEP interacting with Dr.N.Kumar, Vice – Chancellor, TNAU before the tree planting ceremony



Dr. R. C. Agrawal, National Director NAHEP, New Delhi, Dr. P. Ramasundaram, National Coordinator, IDP and Dr. N. Kumar, Vice-Chancellor, TNAU, Dr. M. Kalyanasundaram, Dean (Agriculture) AC & RI, Coimbatore, Dr. S.D. Sivakumar, Director (ABD) and other University Officers preparing for tree planting near the IDP Forest site

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TNAU Vice-Chancellor briefing about the *Miyawaki* Technique near the IDP Forest site during Tree Planting ceremony



Dr. R. C. Agrawal National Director NAHEP, ICAR, New Delhi inaugurating the tree plantation ceremony by planting a native tree sapling in the IDP Forest plot

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Dr. N. Kumar, Vice-Chancellor, TNAU planting a tree sapling during the plantation ceremony at the IDP Forest site

Dr. P. Ramasundaram, National Coordinator, IDP, NAHEP, ICAR, New Delhi planting a sapling in the IDP Forest venue

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University Officers, faculty members and undergraduate agricultural students together participating in the IDP Forest initiatives



TNAU staff and students vigorously planting 892 saplings in the IDP Forest

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TNAU Vice-Chancellor congratulating the zealous participation of all University Officers, staff and students after the Tree Planting ceremony at the IDP Forest site



ICAR - NAHEP officials, Vice-Chancellor, TNAU, University Officers, Faculty members and students celebrating the tree planting ceremony with a group photograph

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Undergraduate students adopting the *Miyawaki* Tree Planting Technique to create the IDP Forest thereby supporting the Nature