



**BOARD for COMMUNITY DEVELOPMENT through EDUCATION**  
**GOVERNMENT OF ANDHRA PRADESH**

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BCDE & Brahma Kumaris Collaboration - Kalp Taruh Project Project Brief

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Introduction:

**Kalp Taruh** is a unique initiative that combines the much-needed action to sustain life-giving trees (*Taru*) and human values intrinsic in each one of us (*Ruh*). **The core principle of this initiative is - One Person, One Plant for One Planet.**

Towards this, **Brahma Kumaris** is glad to receive tremendous support from **Board of Community Development through Education (BCDE)** to draw a plan to make this initiative successful in Andhra Pradesh and contribute to its **Green Vision of 50% Green cover by 2029.**

As part of this initiative, each sapling planted is registered through Kalp Taruh App, through which, tips to sustain the plant and creative activities for planter to experience values such as Peace, Love, Humility, Tolerance and Compassion will be provided on daily basis. In launching this event, we believe that, to truly make ecological action scalable and sustainable, it must integrate with an application of human values.

Together, BCDE and the Brahma Kumaris, will take up mass plantation and sustenance activities at all higher education universities and colleges. This will ensure significant benefits such as **deep awareness about the environment, behavioural changes & caring towards the nature**, that goes beyond plantations.

Vision

1. Cleaner and Greener University and College campuses in the cities of Andhra Pradesh
2. Creating a nexus between higher education institutions, family members and faculty through these community service activities
3. Restoring native bio-diversity, better air and soil conditions by increasing green covers through kalp taruh plantations.

## Goal

**Plantation begin date:** 1st November 2022 - Andhra Pradesh Formation Day (ఆంధ్ర ప్రాంతా  
అవతరణం\* తే7వ0)

**Phase I** - Engaging more than 1 Lakh students and faculty from 25 Universities and 75 Colleges to plant one tree each between 1st November 2022 to 21<sup>st</sup> December, 2022.

**Phase II** - Extend the initiative to rest of the Colleges in Andhra Pradesh to engage all students and faculties during the remainder of the year till 1st November 2023.

## Logistics

Following logistics are planned for smooth implementation of this initiative.

1. APSCHE (Andhra Pradesh State Council of Higher Education) already shared about BCDE and Brahma Kumaris project collaboration with all Vice Chancellors and Registrars of the Andhra Pradesh, requesting to support this initiative to achieve the vision.
  - Respective BCDE university and college coordinators are also communicated seeking their full support and involvement in this project.
2. PCCF (Principal Chief Conservator of forests) and DFO (Divisional Forest Officers) agreed to provide local bio-diversity supporting plants through the respective Government nurseries in Andhra Pradesh. BCDE leadership will share the contacts of these government nurseries, which will be provided to both BCDE and BK coordinators.
3. BCDE university or college coordinators in association with the respective university or college administration or staff to chosen location for plantation. The location to be chosen in such a way that the plantations can be sustained by students.
  - **Examples** of location are as follows - university or college premises or peripheries or at playground or at hostels; nearby railway stations, bus stations, primary health care centers or at road dividers.
  - **Protection** - A fence around the identified land or plant guard around the plant needs to be planned to protect the saplings that will be planted
  - **Core Principle** - Keeping sustainability goal, one person to plant one sapling on the day of plantation. Hence, depending upon the availability of students, faculty or administration staff on the plantation day, the number and type of plants to be decided by BCDE university or college coordinators.
  - **Guideline** is - approx 500 plants can be planted in half acre, approx 1000 plants can be planted in an acre. This varies depending on the type of the plant. Information related to space required for a specific plant is available in Kalptaruh app, under *Know Plants*
4. Based on the identified land in the above step, number of plants and type of plants, BCDE university or college coordinator to share the requirement with government nursery. The plants list can be refined depending upon the the availability of plants at respective government nurseries.
  - **Notes:** Plants that support bio-remediation could be used to reduce the pollution levels
5. BCDE university or college coordinators to share the finalized list of plants and quantity of plants with Government nurseries and BK coordinators.
6. BCDE university or college coordinators and BK coordinators to agree upon the plantation day, as per the convenience of both of them.
7. Respective BK coordinators will pick up the specified quantity/type of plants from government nurseries and transport the same to the identified land on the day of plantation or a day before

the plantation. In case if its transported before the plantation day, both BCDE and BK coordinators to plan proper care of these plants until the plantation is done.

### **Sustainability**

Sustainability of the plantation is key to achieve the vision. Hence, following ways and methods to be adapted to achieve maximum sustainability of the plantation.

1. Successful plantation by HEIs (Higher Education Institutes) to be rewarded by National Assessment and Accreditation Council (NAAC), DSS, etc.
2. Incentivizing the initiative for those students who volunteered and demonstrated output as part of this project - credits, awards, certifications, reward, etc.
3. Plantation and sustenance to become part of the university or college celebrations - events, birthdays, etc
4. Workshops on understanding soil quality, water quality, plant variety, etc to be conducted for students, and faculty
5. Government to introduce environmental care as necessary, as part of the curriculum
6. Value sessions to be provided by the Brahma Kumaris without any charges that help increase accountability, commitment, responsibility, the shift of attitude and to change the mindset of students towards the environment care (frequency will be as per the convenience of both BCDE coordinators and BK coordinators)
7. College-level workshops, workshops for the coordinators for students to be arranged to continue to improve their motivation.
8. Fence to the identified land or plant guard to the plant to be arranged for the protection of the plant. Smart techniques such as - Bio-fencing, live hedges, and mulching to be used to sustain the plants where possible.
9. Where necessary, water pots to be arranged for each plant to sustain the plant with sufficient water. Partnership with local NGOs, philanthropists to be established for any additional funds to care for the plants during holidays of the institution or for the protection of the plantation.
10. Culture of adaption by students - each student will handover the planted sapling to another student at the time of completion of the course.
11. Sustaining this initiative with the help of Arts, Culture fests to be added.

### **Plan of Action for Phase I**

1. University and Colleges list to be provided by BCDE coordinators by 25th October 2022
2. PCCF/DFO list to be provided by BCDE leadership team by 25th October 2022
3. Brahma Kumaris to complete the mapping between universities, colleges, nurseries and BK meditation centers by 26th October 2022
4. Plantation dates for each identified university and college to be finalized by 29th October 2022, for the plantation to happen between 1st November 2022 and 30th November 2022
5. First plant is requested to be planted by Hon'ble Chief Minister on 1st November 2022 (Andhra formation day) as part of Kalptaruh collaboration between BCDE and Brahma Kumaris.
6. Subsequently, other events to happen at identified/finalized universities and colleges

### List of recommended Plants

Please see below list of plants suggested for Andhra Pradesh by KalpTaruh's knowledge partner - PUSA (Indian Agricultural Research Institute). However, specific university/college may use any other indigeneous plants that supports local biodiversity.

S. No	Name of the plant	Image
1	Boswellia Serrata (Guggilam)	
2	Butea monosperma (Moduga)	
3	Annona squummosa (Sitaphalam)	
4	Callophylum inophyllum (Ponna chettu) Alexandrine laurel or beauty leaf	
5	Cassia fistula Rela Amaltas (Bahava)	
6	Dalbergia sisoo, (jittegi or Shisoo)	

7	Ficus sp (fig)	
8	Ficus variegata (Medi chettu)	
9	Plumeria alba (Devnageru)	
10	Pongamia pinnata (Konda manga, Karanj)	
11	Azardirecta indica (Neem)	
12	Jack fruit	
13	Mangifera indica (Mango)	

14	Terminalia arjuna (Arjuna)	
15	Tamarind	
16	Jamun	
17	Buchanania lanzan, Chironji	
18	Amla, Indian Gooseberry	
19	Star gooseberry	
20	All spice plant	

21	Soap nut & Shikakai	
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### **Implementation Handbook for BCDE Coordinators and BK Coordinators**

1. Checklist of items for BCDE coordinators to help the plantation day - will share soon
2. Checklist of items for BK coordinators to help the plantation day - will share soon

### **Useful Links or Websites or Apps:**

Please see below list of useful links to understand more information:

BCDE Website link: [www.bcde.online](http://www.bcde.online)

BCDE statistics Link: [www.bcde.online/KalpTaruh](http://www.bcde.online/KalpTaruh)

Kalp Taruh project:

Website: <https://www.brahmakumaris.com/kt>

Statistics: <https://www.brahmakumaris.com/kalp-taruh/statistics/>

Kalp Taruh App for plant registration:

Android: <https://play.google.com/store/apps/details?id=com.bk.kalptaruh>

Apple: <https://apps.apple.com/in/app/kalptaruh/id1627213859>

Contacts

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