

Government of India
Ministry of Environment, Forests & Climate Change
Forest Policy Division

SCHOOL NURSERIES YOJANA

"To observe, learn, grow and nurture your plant"

The School Nursery Yojana aims at involving school students in raising plant nurseries to bring them closer to natural environment, help them understand the natural processes of germination and feel the joy of watching saplings grow.

I. Objectives:

- ❖ To connect young students with plant, create sense of belonging and oneness with nature, sensitivity towards plants and living environment.
- ❖ To provide an opportunity for students to be in contact with soil, manure, seed, which students in cities are often missing.
- ❖ To make students learn and appreciate the natural process of growing saplings.
- ❖ To grow saplings of various plants for herbal medicinal, ornamental, shrubs, trees and potted plants etc. for planting in their neighbourhood, take care and watch them grow.
- ❖ To identify and learn the various benefits of trees and plants.
- ❖ To provide students observe their neighbouring trees, collect seeds for use in nurseries.
- ❖ To encourage students to use plants grown by them for distribution to visiting dignitaries and public on suitable occasions.

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II. Salient Features:

1. The Scheme is initiated for a period of five years on Pilot Basis.
2. It will involve students of Class 6-9.
3. The schools should have open space of around 100 sq. meter for creation of nursery to raise 1,000 saplings in its School Nursery every year.
4. At the beginning of the planting season, each student will be encouraged to raise at least one sapling, nurture it and take the sapling at the end of the academic season to plant and take care.
5. In the first year 1,000 Schools will be selected and will be provided a grant of Rs. 25,000/- for development of Nursery Infrastructure, inputs etc and the raising cost of saplings. In subsequent two years, these School will be eligible for a maintenance grant of Rs. 10,000/= each subject to satisfactory performance.
6. Different Schools will be selected every year for Grants under the Scheme.
7. The selected Schools will maintain records as per the format enclosed.
8. The State wise project proposals shall be submitted by the State CAMPAs duly approved by the State CAMPA Steering Committee.
9. This Scheme will not be part of State CAMPA's Annual Plan of Operation. NCAC will release funds for the scheme from its corpus.
10. The funds released by the NCAC will be deposited in the State CAMPA accounts maintained by the States which will maintain a separate account for the scheme.

III. The Guidelines for implementation of School Nursery Yojana are as under:

(i) Eligibility:

1. All students from class 6-9.
2. Schools should have around 100 sq. meter of open green space for developing nursery and carry out green activities.
3. The schools with functioning Eco Clubs will be given preference.
4. School Principals must agree for maintaining the nursery for at least 5 years.
5. The Schools should have provision/ create facilities of rainwater harvesting and use recycled/ treated waste water for irrigation.
6. The Scheme will gradually try to cover one school in each district, which will later act as Lead Schools and guide other schools in such activities.

(ii). Procedure:

1. The Schools will apply as per the prescribed format to the concerned Deputy Conservator of Forests (DCF)/ Divisional Forest Officer (DFO).
2. Each School will commit for raising at least 1,000 saplings of suitable plant species.
3. The DFO will forward the proposal with his recommendations to State CAMPA for consideration.
4. State CAMPA will forward the consolidated proposal to CAMPA steering Committee for consideration and approval for making grant.
5. The schools selected under this scheme will create a model nursery and submit their annual report certified by the Principal alongwith relevant photographs on the activities carried out by them under the nursery scheme.
6. The State CAMPA will create an **Online Interactive Web Portal** for disseminating information on Nursery raising and place all the reports/ information received from schools.
7. A list of forest officials and experts will be maintained by the State CAMPA/ DFOs to whom the schools can contact for professional guidance.

(iii). Activities under School Nursery Yojana:

1. All Students from Class 6-9 will be eligible for nursery works. The activity may be included as regular practical exercise for Biology classes and part of extra- curricular activities for other students.
2. The students will be taken to local excursion to nearby parks/gardens/ colony parks at appropriate time to observe phenological characteristics of trees and other plants and seasonal changes like- leaves, bark, branching patterns, flowering, colour of flowers & young leaves, fruits, seeds, flowering annuals, shrubs etc.
3. Identification of plants and trees.
4. Students should be encouraged to prepare herbarium, record their observations, collect fruits, seeds etc.
5. Drying of seeds, making cuttings, grafting etc. for plant propagation
6. Preparation of potting mixture from soil, sand and manure or coco- peat.
7. Filling of polybags, earthen pots by potting mixture.
8. Sowing of seeds, maintenance of young saplings, watering, weeding, transplanting etc.
9. Planting of locally appropriate species will be preferred.
10. Recording of observations and carrying out tree census in school and neighbouring localities.
11. Students may also be encouraged to take the saplings *at the time of passing out* and plant at suitable place (school/ neighbourhood/ residential areas) and take care.
12. Prizes to good performers.

(v). Budgetary support:

1. The scheme is taken on Pilot basis for 5 year period.
2. A provision of Rs. **2.50 Crores in the first year** will be provided from CAMPA for the purpose of School Nursery Yojana. Later on budgetary requirement will be assessed based on actual requirement of maintenance funds.

3. Yearly requirement of funds is given below:

First Year	Creation	Maintenance 1st Year	Maintenance 2nd Year	Total (Rs. in Crore)
2015-16	2.50			2.50
2016-17	2.50	1.00		3.50
2017-18	2.50	1.00	1.00	4.50
2018-19	2.50	1.00	1.00	4.50
2019-20	2.50	1.00	1.00	4.50
2020-21		1.00	1.00	2.00
2021-22			1.00	1.00

4. Each School will receive initially a first time financial grant of Rs. 25,000/= for creation of Nursery with essential facilities/ infrastructure. These schools will receive a grant of Rs. 10,000/- in the next two years for continuation of programme and raising of next batch of 1,000 saplings. It is expected that schools will continue the programme on their own after 3rd Year.
5. The grant will cover the initial expenditure on creation of nursery beds, watering arrangements, pipes, soil, manure, earthen pots, polybags and other necessary inputs.
6. SFDs will guide the schools and provide all technical support to schools selected under this scheme.
7. The State wise project proposals shall be submitted by the State CAMPAs duly approved by the State CAMPA Steering Committee.
8. The projects will not be part of State CAMPA's Annual Plan of Operation and funds for the scheme will be released by the NCAC from its corpus.
9. The funds so released by the NCAC will be deposited in the State CAMPA accounts maintained by the states. However separate account shall be maintained for the scheme
10. A Project Management Unit (PMU) will be set up in the Forest Policy Division, MoEF&CC for coordinating, monitoring and publicity of the Scheme. The expenditure on the aforementioned functions of PMU will be around 2% of the Annual Expenditure and the same will be met from NCAC.

APPLICATION FORM FOR SCHOOL NURSERY YOJANA

1. Name of School:
2. District:
3. State:
4. Address:
5. No. of Students in Class- 5 to 9
6. Area available for School Nursery (in sq. meter):
7. Name of Teacher In -Charge and contact details:

8. Undertaking by the School

I have gone through the Scheme of School Nursery Yojana and agree to implement the Scheme and undertake to develop a School Nursery as per terms and conditions therein.

Signature of Teacher in charge
Principal

Signature of School

Place.....

Date.....

9. Verification Report & Recommendation of DCF/DFO

Signature of DCF/DFO Concerned

10. Forwarding by H.O. D./ Authorized Officer of State Government.

REPORT ON PROGRESS OF IMPLEMENTATION

Place:

Date:

1. Name of School:
2. Address:
3. Grant received for the Year:
4. Progress of Implementation:

Target for saplings: 1,000 Nos.

S.No	Item of work	Number/ Expenditure	Physical Progress
i	No of students enrolled		
ii	Procurement of materials		
iii	Soil work		
iv	Filling of polybags/ earthen pots		
v	Sowing of seeds		
vi	Germination		
vii	Transplanting & aftercare of plants		
vii	Pots/ saplings ready		
ix	No. of saplings distributed		
x.	Plants in stock		

Total Expenditure:

5. Signature & Name of Teacher in charge:

6. Signature and Name of Principal:

7. Signature of Inspecting Officer:

(The Report is to be submitted to State CAMPA with a copy to NCAC on 31st October and 31st march of Every year)

Government of India
Ministry of Environment, Forests & Climate Change

NAGAR VANA-UDYAN YOJANA

" EK KADAM HARIYALI KI OR "

A PROGRAMME FOR CLIMATE SMART GREEN CITIES.

Vision: To create at least one **CITY FOREST** in each City having Municipal Corporation/ Class I Cities for providing wholesome healthy living environment, and contributing to growth of Smart, Clean, Green, Sustainable and Healthy Cities.

Objectives:

- ❖ To create 200 City Forests in the Country. A City Forest will be developed in each City with Municipal Council (see list at Annexure).
- ❖ To create awareness on plants and biodiversity.
- ❖ Conservation education on important flora and fauna of the region including threat perception.
- ❖ Ecological rejuvenation of the cities-Forests the green lungs will contribute to Environmental improvement of cities by pollution mitigation, cleaner air, noise reduction, water harvesting and reduction of heat islands effect.
- ❖ In-situ Biodiversity conservation.
- ❖ Health benefits to citizens.
- ❖ Making cities climate resilient.

Components of City forests:

- ❖ Fencing as appropriate.
- ❖ Wooded blocks with emphasis on locally appropriate species.
- ❖ Plants to include shrubs, climbers, medicinal plants, seasonal flowering plants etc. to represent floral biodiversity.
- ❖ Irrigation/ rain water harvesting facility.
- ❖ Open Air Conservation education displays, signages, brochures etc.
- ❖ Public convenience, drinking water facilities, benches etc.
- ❖ Walkways/ footpath, Jogging and cycle track.

Strategy: The Ministry will support **one time** development and non-recurring expenditure to the concerned agency of the concerned cities for creation of a City Forest. Cities' authorities will be encouraged to have a City Forest comprising area upto 100 ha. in forest areas within their jurisdiction for deriving maximum ecological and environmental benefits. The minimum area should not be less than 20 ha.

DETAILS OF NAGAR VAN-UDYAN YOJANA:

NAGAR VANA-UDYAN:

A Nagar Van-Udyan is a forested area in the vicinity of a city accessible to the city dwellers suitably managed for providing wholesome natural environment for recreation, conservation education, biodiversity conservation and supported services like water and soil conservation, pollution abatement, reduction of heat islands effect of the city with the essential elements for regular use.

Guidelines for implementation of Nagar Van Udyan Yojana:

I. Salient Features:

1. Nagar Van-Udyan Yojana" is a Pilot scheme for implementation for a period of five Years.
2. The scheme aims at developing 200 Nagar Van (City Forests) across the country in cities having Municipal Corporation or Municipalities.
3. To begin with, this Scheme will be implemented only in the forest land within the limits of the municipalities. The scheme initially will cover forest lands within and in the vicinity of cities which are getting affected/ degraded and face the threat of encroachment due to urbanization.
4. However, after the CAMPA Bill 2015 is enacted, this can be extended to non forest lands also in case forest lands are not available within the city limits.
5. The release of an amount of Rs.50 crores for the project was approved for the current financial year. Further assistance could be considered when funds become available upon passage of the CAMPA Bill 2015.
6. Detailed individual projects for development of Nagar Van (City Forest) under Nagar Van Udyan Scheme from the concerned Departments having possession of forest land will be submitted to the State CAMPAs which after approval by the State CAMPA Steering Committee will be forwarded to NCAC / National CAMPA for consideration.

7. The projects will not be part of State CAMPA 's Annual Plans of Operation and funds for the scheme will be released by the NCAC from its corpus. The funds so released by the NCAC will be deposited in the State CAMPA accounts maintained by the states.
8. Separate account shall be maintained for the scheme.
9. Since the scheme envisages 20% of funds to be made available by the State Governments, the State Governments shall be asked to make necessary provisions for funding in state plan schemes. In case State Governments are not able to make provisions from state plan schemes the funding provision can be considered in State CAMPA's APOs.
10. A Project Management Unit (PMU) will be set up in the Forest Policy Division, MoEF&CC for coordinating, monitoring, publicity and training for staff in urban greens management under the Scheme. The expenditure on the aforementioned functions of PMU will be around 2% of the Annual Expenditure and the same will be met from NCAC after necessary approvals.

II. Budgetary provision:

1. An outlay of Rs. **50/- Crores from NCAC Funds** has been kept for the first year i.e. 2015-16. The assistance will be shared with concerned State in the ratio of 80:20.
2. The Ministry will provide one time grant to the concerned State government/ City Local Authority/ land owning agency based on the work requirement subject to the maximum Grant of Rs. 2.00 crores per City Forest.
3. The grant will be made in two installments, first of 50% of the sanctioned amount after the approval of the project and remaining in second installment after 3/4th utilization of the first installment. The Concerned State Government/ Project Proponent should confirm availability of their share of 20% of the cost before submitting their proposal.
4. The State Governments/ Concerned Project Authorities are free to increase their share for development of city forests
5. The Scheme is governed by following norms:

- i. The estimated cost per hectare will be Rs. 2.00 lakh including fencing and other items.
- ii. Plantation/ Enrichment component- Rs. 50,000/= per ha. The tree plantation should also include site nursery, composting and plantation of shrubs, herbs, bamboo, climbers and trees reflecting local biodiversity.
- iii. Special components like arboretum, bamboo setum, herbal medicinal gardens, biodiversity parks etc.
- iv. Fencing as appropriate to the site based on vulnerability to encroachment etc., but overall fencing component will be limited to one half of the total eligible grant.
- v. Irrigation network and water conservation to be taken as per site requirement. The component on irrigation will be limited to one tenth of the total grant.
- vi. Other essential items including Public convenience, Signages, Jogging Track, Nature trail / Footpath, Publicity materials etc. will not be more than 15% of the Grant.
- vii. The estimates should be prepared based on the Scheduled rates as applicable for the State.
- viii. An additional 5% grant will be considered for innovation over and above the admissible grant, to be decided by the Ministry.
- ix. Minimalist design interventions using locally available material and promoting energy conservation and waste recycling will be encouraged.
- x. The implementing agencies shall guarantee to ensure sufficient revenue generation for maintenance and upkeep of assets.

III. Submission of Proposals:

1. The concerned Agency will submit its proposal through State CAMPA.
2. The proposal should include:

- (i) Map of the forest area on 1:10,000 scale with detailed description (GPS, XML map on Google's GPS track of the boundary overlaid on Google Earth).
 - (ii) The area identified should be easily accessible for the city dwellers.
 - (iii) A development cum Management Plan with details of work should be prepared based on Scheduled rates as applicable for State.
 - (iv) A commitment to bear 20% of the cost of the Project.
 - (v) Proposal must include credible mechanism for maintenance of assets in absence of any further assistance from the Central Government.
3. SFDs will provide all technical support to agencies developing the Nagar Van under this scheme.
 4. The State wise project proposals shall be submitted by the State CAMPAs duly approved by the State CAMPA Steering Committee.
 5. The projects will not be part of State CAMPA's Annual Plan of Operation and funds for the scheme will be released by the NCAC from its corpus.

S.No.	Name of States	No. of Cities with Municipal Corporation
1	Andhra Pradesh	13
2	Assam	1
3	Bihar	12
4	Chhattisgarh	12
5	Goa	1
6	Gujarat	8
7	Haryana	9
8	Himachal Pradesh	1
9	Jammu and Kashmir	2
10	Jharkhand	5
11	Karnataka	11
12	Kerala	6
13	Madhya Pradesh	16
14	Maharashtra	26
15	Manipur	1
16	Odisha	5
17	Punjab	10
18	Rajasthan	7
19	Sikkim	1
20	Tripura	1
21	Tamil Nadu	14
22	Telangana	6
23	Uttar Pradesh	14
24	Uttarakhand	6
25	West Bengal	6
26	Delhi	4
27	Chandigarh	1
	Total	199