



GOVT. COLLEGE OF EDUCATION, CANAL ROAD JAMMU.

(NAAC RE-ACCREDITED GRADE 'A')

(A Constituent College of Chester University Jammu)

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No. GCOE/J/23/243

Date. 01.02.2023.

Director Ayush J&K/
CEO J&K Medicinal Plants Board
Jammu

Sub: Project proposal on Establishment of Herbal Garden in the premises of College of Education, Jammu-reg.

R/Sir,

Kindly refer to the subject cited above. In this context it is to inform that this institution intends to Educate the Educators about Ayush Interventions which includes information regarding important medicinal plants found in J&K. Accordingly as discussed with you it was decided that an Institutional Herbal garden can be established in the premises of College of Education Jammu so that the Students and other stakeholders are made aware about the important medicinal plants of Jammu region which will go in a long way to promote Ayush systems of medicine besides developing entrepreneurship in medicinal plants sector. A project proposal in this regard under the Central Sector scheme of "Conservation, Development and Sustainable Management of Medicinal Plants" (implemented by J&K Medicinal Plants Board in J&K) has been formulated by this college titled "Establishment of Herbal Garden in the premises of College of Education, Jammu" which is hereby enclosed for further recommendations and sanctioning of funds.

Yours Faithfully

Santa Gupta
Principal
College of Education,
Jammu



F. No. Z.18020/02/2021-NMPB-VIII
Government of India
Ministry of Ayush
National Medicinal Plants Board

1st & 2nd Floor IRCS, Annexe Building,
Red Cross Road New Delhi - 110001
Email: rompsagro-nmpb@gov.in
Dated: 19th May, 2023

To

✓ Dr. Rajinder Kour Associate Professor,
Govt. College of Education,
Canal Road Jammu-180001.
Email: gcoe.jammu@gmail.com;
rajinderkaur.1967@gmail.com, shalinirana32@gmail.com M.9419199955

Sub: Presentation before the 9th meeting of Project Screening Committee (PSC) to be held on 24th & 25th May, 2023 at 10:30 A.M. onwards (in Hybrid Mode) in Committee Room at NMPB, 1st & 2nd Floor, IRCS, Annexe Building, Red Cross Road, New Delhi - reg.


Sir/Madam,

The undersigned is directed to refer to your project entitled "Establishment of Institutional Herbal Garden in the Premises of Government College of Education Jammu" and to inform that project has been placed before the 9th PSC for consideration.

2. Therefore, you are requested to attend the meeting and to make a Power Point presentation on **24th & 25th May, 2023 at 10:30 A.M. onwards (in Hybrid Mode)** before PSC. The power point presentation should be limited to maximum 10-15 slides covering the main objectives, activities to be undertaken under the project (Physical & Financial outcome/output). Please also send the soft copy of Power Point Presentation by 21st May, 2023 in advance through e-mail.

Kindly confirm your participation with date and mode (online/physical) in the meeting to this office by e-mail / letter.

Yours faithfully,


13/05/2023
(Dr. Jeetendra Kumar Vaishya)
Research Officer (MPs / Agro)

PRESENTATION REPORT OF RESEARCH PROJECT

INTRODUCTION

- The Medicinal & Aromatic Plants are part and parcel of human society to combat diseases from dawn of civilization.
- In recent years there has been an increasing global interest on Medicinal & Aromatic Plants because of their being viewed as legitimate alternate medicines as utilized by large no of population of many countries throughout the world.
- The Herbal Garden will bring to life a truly fascinating chapter of health care. Visitors of such garden will be better informed about uses of this natural approach to health, which will give them idea of use of different plants in different elements.
- The idea of developing these kinds of gardens in Educational Institutions of J&K UT was conceived with the aim and objective of conservation/ promotion and sustenance of Medicinal & Aromatic Plants which are becoming extinct



TARGET

The target population will comprise of Students/ Teachers/ Farmers/ growers/ Traders and other Stakeholders.

Sanjay K. Singh
Govt. College of Education
Principal
JALPAIGURI

OBJECTIVES

- ❑ Create awareness amongst unemployed youth/Students of the College of Education about the values, use, conservation and benefits of entrepreneurship in medicinal plants sector.
- ❑ Promote knowledge and provide training for propagating/cultivating locally grown medicinal plants.
- ❑ Encourage the cultivation, promotion, preservation and propagation of medicinal and aromatic plants which are useful for traditional medicinal practices through herbal gardens.
- ❑ To educate the citizens especially Academicians and farmers regarding identification of Medicinal & Aromatic Plants, our rich biological and cultural diversity and vast natural resources made use of by indigenous wisdom in health care.
- ❑ To inculcate the habit of conservation and appreciating nature and natural resources.
- ❑ To sensitize anti familiarize people through the demonstration garden with several themes and highlight the potential of Ayurveda, Unani & other indigenous systems of Medicine.
- ❑ To revitalize and popularize traditional knowledge about common and wild medicinal flora



BENEFITS OF THE PROJECT

- **Sensitivity and importance on the use of medicinal plants in day to day life that will help to revive the traditional primary healthcare system, and enhance our belief in the age old proven use and systems of medicinal plant.**
- **Conservation of medicinal plants and there use in day to day life would lead to greater immunity, less diseases and will lead to a healthier lifestyle.**
- **Conservation of medicinal plants in gardens and parks would lead to increase in biodiversity and green cover of the common spaces.**
- **Will create the platform of avenues for the growth of trade, export, conservation, cultivation and generation of self-employment as well.**



EXPECTED TANGIBLE OUTCOMES AND DELIVERABLES

- ◆ Research aid for students.
- ◆ QPM of some high commercial value Medicinal Plants for future cultivation and Nursery production.
- ◆ Conservation of Rare, Endangered and Threatened species of Medicinal and Aromatic Plants.
- ◆ Development of Good Agricultural Practices.
- ◆ Gene bank of some high commercial value medicinal plants.



IMPACT ON SOCIETY

- ◆ Sensitivity and importance on the use of medicinal plants in day to day life that will help to revive the traditional primary healthcare system, and enhance our belief in the age old proven systems of medicine.
- ◆ Plantation of medicinal plants at homes and their use in day to day life would lead to greater immunity, less burden of diseases and healthier lifestyle
- ◆ Conservation of medicinal plants in gardens and parks would lead to increase in biodiversity and green cover of the common spaces. Development of Good Agricultural Practices



LAND & INFRASTRUCTURE

◆ Activities

- A well designed herbal garden with aesthetic looks shall be developed in the premises of Government College of Education, Jammu.

◆ Technical Agencies:

- J&K Medicinal Plants Board
- SKUAST-Jammu

◆ Project period:

- 05 years

◆ Infrastructure available with the Agency:-

- Land = 01 Hectare
- Physical infrastructure
- Manpower available for maintenance of Herbal Garden after the project period.



EXIT STRATEGY/ MONITORING

The Herbal Garden will be maintained by the Government College of Education beyond the set project period and will become an essential part of the Institute.

Parameters for monitoring:

The Project would be monitored on the following parameters:

- Biodiversity of the medicinal garden.
- Awareness level of the Stakeholders.
- Involvement of the local people in *other* similar projects.
- Timely submission of all the reports.



Financial Outlay of the Project

S No.	Work to be done	1 st year (in Lacs)	2 nd year (in Lacs)	3 rd year (in Lacs)	4 th Year	5 th Year	Total for 05 years
Land Preparation and Irrigation							
1.	Land preparation (Rs 10000/- PerKanal for 04 Kanals)	0.40	0.10	0.10	0.00	0.00	0.60
Maintenance of Herbal Garden for 12 Kanals							
2.	Laying of Lawn (bed preparation)	0.20	0.10	0.10	0.00	0.00	0.40
3.	Purchase of seedlings	0.30	Nil	Nil	0.00	0.00	0.30
Recurring Costs							
5.	1 Supervisor @ Rs. 8750/- per month @ Rs 350/day SRO-460 J&K Govt Gazette.	1.05	0.00	0.00	0.00	0.00	1.05
6.	Casual Labour 1 Nos Rs 225/- perday for 9 Months for watch & Ward	0.6075	0.6075	0.6075	0.6075	0.6075	3.0375
9.	Farm Tools (Lumpsum)	0.30	0.00	0.00	0.00	0.00	0.30
10.	Contingencies (Lumpsum)	0.20	0.00	0.00	0.00	0.00	0.20
Total Project Cost for 5 years							5.8817



EXPECTED LIST OF MEDICINAL/AROMATIC PLANTS FOR DEVELOPMENT AND PLANTATION IN HERBAL GARDEN

Sr. No.	Botanical Name	Common Name
1.	<i>Phyllanthus emblica</i>	Amalaki
2.	<i>Withenia somnifera</i>	Ashwagandha
3.	<i>Sida cordifolia</i>	Bala
4.	<i>Phyllanthus niruri</i>	Bhumi Amlaki
5.	<i>Aegle marmelus</i>	Bael
6.	<i>Bacoppa moneri</i>	Brahimi
7.	<i>Terebellus terresteris</i>	Gokshura
8.	<i>Tinosporia cordifolia</i>	Giloe
9.	<i>Terminalia cheubula</i>	Harad
10.	<i>Aloe barbednsis</i>	Kumari
11.	<i>Centellina asiatica</i>	Manduka parni
12.	<i>Azadhartica indica</i>	Neem
13.	<i>Aspargus racemosis</i>	Shatawari
14.	<i>Zingiber officianalis</i>	Adrak
15.	<i>Ocimum sanctum</i>	Tulsi
16.	<i>Vetiveria zizanioides Linn.</i>	Khas-khas grass



19.	<i>Rauvalfia serpentine L.</i>	Asrol
20.	<i>Curcuma longa L.</i>	Turmeric
21.	<i>Barleria prionitis L.</i>	Vajradanti
22.	<i>Abrus precatorius L.</i>	Gundumani
23	<i>Casia fistula L.</i>	Khiar shambri
24	<i>Terminalia arjuna</i>	Arjun
25	<i>Andrographis panniculata</i>	Kalmeg

