

Report On  
“Certificate Course on Identification of Local Medicinal Plants  
and Their Use”

AT

*Pandit Raghunath Murmu Smriti Mahavidyalaya*

On

11<sup>th</sup> to 18<sup>th</sup> July- 2022



Organized by

**PANDIT RAGHUNATH MURMU SMRITI  
MAHAVIDYALAYA**

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IQAC CO-ORDINATOR  
PRMS MAHAVIDYALAYA



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DEPARTMENT OF FORESTRY  
PRMS MAHAVIDYALAYA  
BANKURA UNIVERSITY  
BANKURA, WB - 722150

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PRINCIPAL  
PRMS MAHAVIDYALAYA  
BARAGARI, JAMBONI, BANKURA



Ph. No.: (03243) 259236

# P. R. M. S. MAHAVIDYALAYA.

Baragari (P. More) :: P.O. : Jamboni :: Dist. : Bankura – 722150.

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Ref No:

Date 13/06/2022

## NOTICE

All the students of the PRMS Mahavidyalaya are hereby ask to take admission into Add-on course on " Identification of local Medicinal Plants and their use" offered by the college for session 2022 will be started from 11<sup>th</sup> July onwards. Interested students are asked to visit the Department of Forestry in order to get enrolled into the course within 10 days.

Certificate will be issued to the participants on completion of the course.

### Eligibility

1. The candidate should have passed the 12<sup>th</sup> standard from recognized board or institute.
2. Enrollment in PRMS Mahavidyalaya under Bankura University.

*[Signature]*  
13/06/2022  
Course Coordinator

*[Signature]*  
13/06/22  
Principal



PRMS MAHAVIDYALAY

Principal  
P.R.M.S. Mahavidyalaya  
Baragari, P.O.- Jamboni,  
Dist.- Bankura

## Syllabus

### Local Medicinal plants:

Unit-I: Role of medicinal and aromatic plants in Indian economy –

Unit-II: Important essential oil yielding plants in India –

Unit-III: Detailed study of lemon grass, citronella, palmarosa, vetiver, Japanese mint, eucalyptus, jasmine, patchouli and geranium –

Unit-IV: Climate and soil requirements, planting cultural and managerial practices - harvesting, curing and extraction of essential oils.

Unit-V: Medicinal plants in India and West Bengal - history, origin, area and distribution, production, botany and varieties cultivation,

Unit-VI: Extraction of active principles and their uses - uses of different medicinal plants like Atropa, Cinchona, Rauvolfia, Opium, Sandal, Acorus, Cannabis, Digitalis, Strychnos nux-vomica, Aconitum, Neem, Dioscorea, Costus, Solanum etc.

Unit-VII: Cultivation practices of medicinal plants like Adhathoda zylanica, Sida cordifolia, Sterospermum colais, Plumbago zylanica, Tinospora cordifolia, Kaempferia glanga, Indigofera tinctoria.

Unit-VIII: Conservation packages for the medicinal plants collected in wild.

*M. J. Jato.*  
13.06.22  
DEPARTMENT OF FORESTRY  
P.R.M.S. MAHAVIDYALAYA  
BANKURA UNIVERSITY  
BANKURA, W.B. - 722150



## About The Certification Course

From August 11–August 18, 2022, at PRMS Mahavidyalaya, Baragari, Bankura, West Bengal, the "Certificate Course on Identification of Local Medicinal Plants and Their Use" was successfully held. The primary goals of the event's organization were to draw attendees' attention and create a knowledge bridge connecting the theoretical knowledge found within four walls to the real-world applications of scientific study in defining medicinal flora and their uses. Even though there were just 55 participants enrolled in the certificate program, the session was very engaging and a progression where the knowledgeable specialists presented eye-opening facts, stories, and phrases.

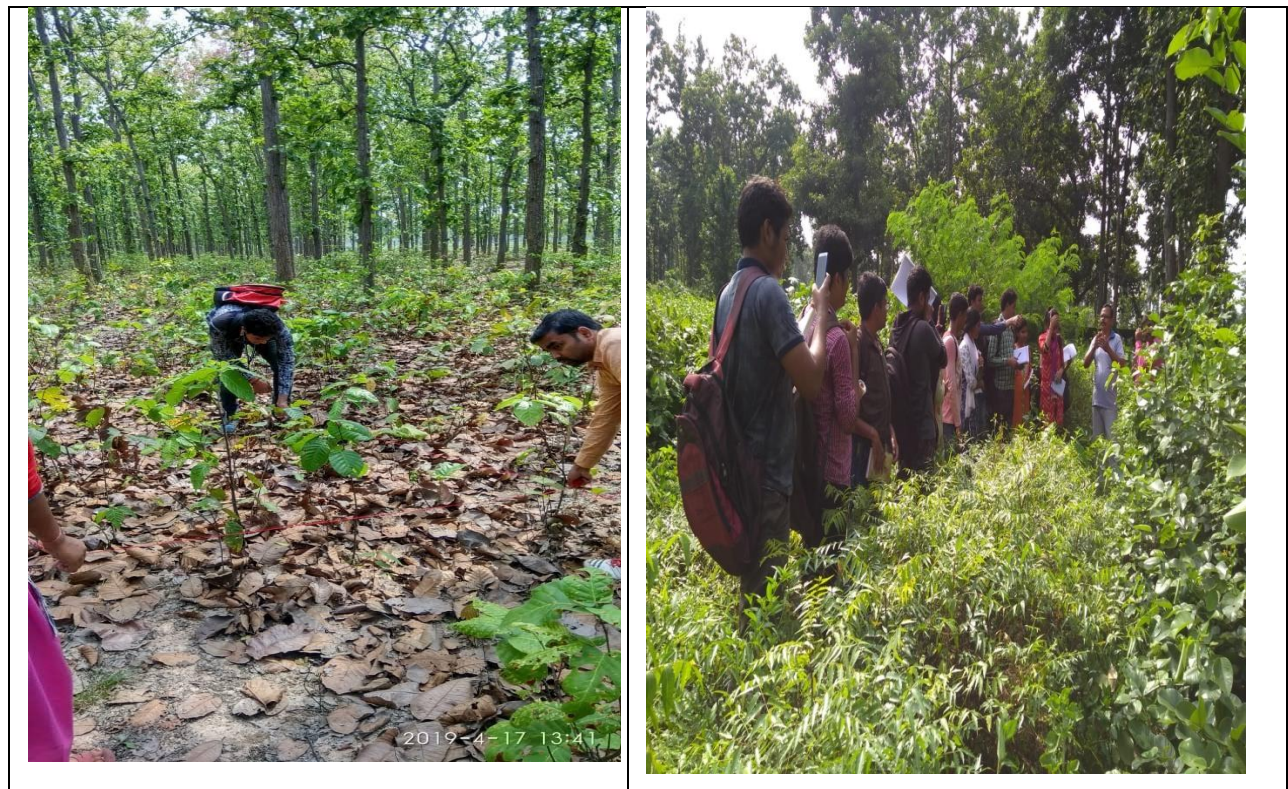
Among the experts teaching the certificate course are Dr. Shekar Banerjee (Ex- Associate Professor, Bankura Sammilani College), Mr. Sushanta Jana and Dr. Subhasis Mahato. The program commenced with the PRMS Mahavidyalaya principal lighting a lamp. The head of the forestry department, Dr. Subhasis Mahato, gave a welcome speech after that. Mr. Sushanta Jana then led a vote of appreciation to end the first portion of the inauguration ceremony.

The certificate course started with a combination of knowledge from diversified fields of expertise. Dr. Subhasis Mahato, Head of Forestry Department, is talking about the taxonomical identification of the important medicinal tree species, i.e., *Azadirachta indica* (Neem), *Termanalia chebula* (Hartaki), *Terminalia bellirica* (Bahara), *Phyllanthus emblica* (Amla), etc. Mr. Sushanta Jana is talking about the taxonomical identification of the important medicinal herb and shrub species, i.e., *Andrographis paniculata* (Kalmegh), *Ocimum sanctum* (Tulsi), *Cissus quadrangularis* (Harjora), *Rauvolfia serpentina* (Sarpagandha), *Withania somnifera* (Ashwagandha), etc. Dr. Shekar Banerjee shared their knowledge and experience about how medicinal plants help people increase their income. The certificates distributed to participants from PRMS Mahavidyalaya after successful completion of the course.



### **Outcomes of Certificate Course:-**

- Promotion of cultivation, conservation and management of medicinal plants.
- The conserve the biodiversity of medicinal plants.
- Identify Medicinal plant and Herbal drugs.
- Develop awareness for utilization of herbal medicines for home remedies.
- Giving the information to participants about various policies run by the Government regarding the medicinal plants.













### Participant List:

**Title: Certificate Course on Identification of Local Medicinal Plants and Their Use.**  
**PRMS Mahavidyalaya**

[illegible][illegible]



30.	Aspita Nayak	A. Nayak	A. Nayak	A. Nayak	A. Nayak	A. Nayak	A. Nayak	A. Nayak	A. Nayak
31.	Riya Nandi	R. Nandi	R. Nandi	R. Nandi	R. Nandi	—	—	—	R. Nandi
32.	Anup Ghos	A. Ghos	A. Ghos	A. Ghos	—	—	A. Ghos	A. Ghos	A. Ghos
33.	Sutapa Kundu	S. Kundu	S. Kundu	S. Kundu	—	—	—	S. Kundu	—
34.	Soumyadeep Mahanta	S. Mahanta	S. Mahanta	S. Mahanta	S. Mahanta	S. Mahanta	S. Mahanta	S. Mahanta	S. Mahanta
35.	Rabiul Alam Molla	R. A. Molla	R. A. Molla	R. A. Molla	R. A. Molla	R. A. Molla	R. A. Molla	R. A. Molla	R. A. Molla
36.	Anjan Dasgupta	A. Dasgupta	A. Dasgupta	A. Dasgupta	A. Dasgupta	A. Dasgupta	A. Dasgupta	A. Dasgupta	A. Dasgupta
37.	Jit Majhi	J. Majhi	J. Majhi	J. Majhi	J. Majhi	J. Majhi	J. Majhi	J. Majhi	J. Majhi
38.	Amijit Mukherjee	A. Mukherjee	—	—	A. Mukherjee	A. Mukherjee	A. Mukherjee	—	A. Mukherjee
39.	Riya Khutun	R. Khutun	A. Khutun	R. Khutun	A. Khutun	R. Khutun	A. Khutun	R. Khutun	R. Khutun
40.	Abita Mishra	A. Mishra	—	—	A. Mishra	—	A. Mishra	—	—
41.	Anita Samnigrahi	A. Samnigrahi	A. Samnigrahi	—	—	—	A. Samnigrahi	A. Samnigrahi	A. Samnigrahi
42.	Sukanya Chakraborty	S. Chakraborty	S. Chakraborty	S. Chakraborty	—	S. Chakraborty	—	—	S. Chakraborty
43.	Shreya Mukherjee	S. Mukherjee	S. Mukherjee	S. Mukherjee	S. Mukherjee	S. Mukherjee	S. Mukherjee	S. Mukherjee	S. Mukherjee
44.	Arumita Kisku	A. Kisku	A. Kisku	A. Kisku	A. Kisku	A. Kisku	A. Kisku	A. Kisku	A. Kisku
45.	Shilpa Singha Mahapatra	S. Singha Mahapatra	S. Singha Mahapatra	S. Singha Mahapatra	S. Singha Mahapatra	S. Singha Mahapatra	S. Singha Mahapatra	S. Singha Mahapatra	S. Singha Mahapatra

46.	Tona Bisui	T. Bisui	T. Bisui	T. Bisui	T. Bisui	T. Bisui	T. Bisui	T. Bisui	T. Bisui
47.	Bisubandy Bori	B. Bori	B. Bori	B. Bori	B. Bori	B. Bori	B. Bori	B. Bori	B. Bori
48.	Sandip Dutta	S. Dutta	S. Dutta	S. Dutta	S. Dutta	S. Dutta	S. Dutta	S. Dutta	S. Dutta
49.	Laxmi Nayak	L. Nayak	L. Nayak	L. Nayak	L. Nayak	L. Nayak	L. Nayak	L. Nayak	L. Nayak
50.	Sutapa Mahata	S. Mahata	S. Mahata	—	—	S. Mahata	S. Mahata	S. Mahata	S. Mahata
51.	Akash Bauri	A. Bauri	A. Bauri	A. Bauri	A. Bauri	A. Bauri	A. Bauri	—	—
52.	Sudipta Majumdar	S. Majumdar	—	S. Majumdar	S. Majumdar	S. Majumdar	S. Majumdar	S. Majumdar	S. Majumdar
53.	Ruma Koley	R. Koley	R. Koley	R. Koley	R. Koley	R. Koley	R. Koley	R. Koley	R. Koley
54.	Sanchita Gisi	S. Gisi	S. Gisi	S. Gisi	S. Gisi	S. Gisi	S. Gisi	S. Gisi	S. Gisi
55.	Asha Basuli	A. Basuli	A. Basuli	—	—	A. Basuli	A. Basuli	A. Basuli	A. Basuli

Coordinator IQAC  
PRMS Mahavidyalaya

Principal  
PRMS Mahavidyalaya

**Title: Certificate Course on Identification of Local Medicinal Plants and Their Use.**

In 2022-2023, PRMS Mahavidyalaya is offering this specialized training program which is certified by the College itself.

**Organised by:** Forestry Department . PRMS Mahavidyalaya

**Course Duration: 31 Hours**

**Introduction:**

The certificate course on the Identification of Local Medicinal Plants and Their Use was designed to equip participants with the knowledge and skills necessary to identify common medicinal plants (Tree, Shrubs and Herbs) in their local environment and understand their traditional and contemporary uses.

**Course Overview:**

**Duration:** The course spanned over 30 Hours

**Delivery Method:** The course was delivered through a combination of lectures, practical field trips, and hands-on demonstrations.

**Topics Covered:** The course covered a range of topics including plant identification techniques, medicinal properties of plants, preparation methods, and ethical considerations in harvesting medicinal plants.

**Course Objectives:**

1. To provide knowledge to identify common medicinal plants.
2. To educate on the traditional and contemporary uses of those plants.
3. To promote the conservation and management of locally available medicinal plant through awareness and sustainable usage.
4. Promoting the Ayurveda in Jangal Mohal area



### Course Structure and Curriculum for this Add-on Course

DATE	CONTENT	TIME
11-07-2022	Inaugural Programme	9:00 AM-10:00 AM
Monday	Introductory class about medicinal plant and ethno-medicinal uses.	10:00 AM - 12:00 PM
12-07-2022	Theory class about Tree medicinal plant	09:00 AM-11:00 AM
Tuesday	Practical Classes- Visit local forest and Identification of Tree medicinal plant	3:30 PM-5:00PM
13-07-2022	Theory class about Shrubs medicinal Plants	09:00 AM-11:00 AM
Wednesday	Practical Classes- Visit local forest and Identification of shrub medicinal plant	3:30 PM-5:00PM
14/07/2022 Thursday	Theory class about Herbs medicinal plants	09:00 AM-11:00 AM
	Practical Classes- Visit local forest and Identification of herb medicinal plant	3:30 PM-5:00 PM
15-07-2022	Theory class -Traditional use of medicinal plant	09:00 AM-11:00 AM
Friday	Practical class- Visit one village and try to collect information form old people regarding medicinal plants	3:30PM-5:00 PM
16-07-2022	Theory class on medicinal plant and home garden relationship	09:00 AM-11:00 AM
Saturday	Practical Classes -Visit local traditional home garden	3:30 PM-5:00 PM
17-07-2022 Sunday	Field trip of local forest -identification of medicinal plant	11:00 AM-4:00PM
18-07-2022 Monday	Theory and Practical Classes-Nomenclature of medicinal plant, traditional preparation method, conservation and management.	08:30 AM-10:30 AM and 3:00PM-5:00 PM
18-07-2022 Tuesday	Assessment and valedictory	09:00 AM-11:00 AM-

### Assessment / Examination

1. Step 1 – Practical Examination
2. Step 2 – Viva-voce conducted by the college

**Certification:** The certificates will be provided to participants from PRMS Mahavidyalaya after successful completion of the course.



Ph. No.: (03243) 259236

# P. R. M. S. MAHAVIDYALAYA.

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Ref no.

Date: 02/08/2022

## NOTICE

It is hereby informed to all the students who have taken the Add-on course on "Identification of local Medicinal Plants and their use" that the final Practical Examination and Viva-voce of the course will be held on 5<sup>th</sup> of August 2022 from 11 am to 1 pm.

05/08/2022	Practical 30marks + viva 10marks( Total 40marks)	11am to 1pm
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*Signature*  
02/08/2022  
Course Coordinator

*Signature*  
02/08/2022  
Principal

PRMS MAHAVIDYALAY

Principal  
P.R.M.S. Mahavidyalaya  
Baragari, P.O.- Jamboni,  
Dist.- Bankura





PANDIT RAGHUNATH MURMU SMRITI MAHAVIDYALAYA



PRESENT THIS

# CERTIFICATE OF PARTICIPATION TO

Suman Das

For his/her active and invaluable participation during the conduct of 30 hours Add on course on "Identification of Local Medicinal Plants & Their Uses" held on 11<sup>th</sup> - 18<sup>th</sup> July 2022 at Pandit Raghunath Murmu Smriti Mahavidyalaya, Bankura University.

Organized by Pandit Raghunath Murmu Smriti Mahavidyalaya.



Dr. Neelangshu Ghosh  
[Principal of PRMSM]  
Principal





Dr. Subhasis Mahato  
[HOD, Dept. of Forestry  
in PRMSM]



Mr. Anirban Ash  
[IQAC of PRMSM]

Dist. - Bankura