



12th October 2023

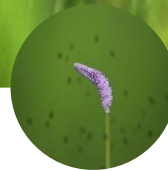
Report

One Day National e-Seminar on
Plant Taxonomy , Traditional
Knowledge and Conservation



Save

Nature



Forests are the Lungs of Earth, Keep Them Green

2023-24

Department of Botany

Mahatma Gandhi Arts, Science and Late N. P. Commerce
College, Armori, Dist. Gadchiroli

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Introduction

Understanding the diversity of life on Earth requires a knowledge of the biological area known as taxonomy. It not only includes the discovery, description, and classification of species, but it also significantly supports conserving biodiversity. Studies in forestry, horticulture, landscape design, aesthetics, and other humanities-related subjects all depend greatly on taxonomy. Without taxonomy, all other fields of biology will be deprived of their focus and aim. Despite this, the number of trained taxonomists is declining and the research priorities often shift away from taxonomy. Therefore, the main objective of this seminar is to enhance the experience of the participants in the field of plant taxonomy and to impart traditional knowledge.

Objectives of e-Seminar :-

1. Identification of rare and red listed plant species and conserve the diversity of species.
2. Survey and documentation of traditional Knowledge associated with plant for sustainable utilization of species and ecosystem.
3. To develop database of native plants including herbarium.

Themes of the e-Seminar:-

1. Assessment and Conservation of Plant Diversity.
2. Ethnobotany and Importance of Medicinal plant.
3. Conservation traditional knowledge associated with plant.

Platform of the One Day International e-Seminar and Organising Committee:

The e - Seminar was held online platform using Zoom meeting app and YouTube Live Streaming.

The links to register and join the event are as follows:

Link for Online Registration : <https://forms.gle/pQeixW4xVbxW1mvc6>

Link to join WhatsApp Group :

<https://chat.whatsapp.com/CNu9LtQpnE64PE7GhY6gqB>

Date and Time: 12th Oct, 2023 11:00 AM

Zoom link to join e-seminar:-

<https://us06web.zoom.us/j/81730062427?pwd=c8yQkXrvLfauSmhCdF94EcKAXB8oZ9.1>

Meeting ID:-817 3006 2427

Passcode : 389388

Link For YouTube : https://youtube.com/live/pmXSjK-Z_wk?feature=share

Feedback link: <https://forms.gle/aeMPYpu3wvBWmyUw5>

The organising committee of the One Day National e-Seminar was as follows:

Dr. L. H. Khalsa (Principal): Organizer

Organising Secretary: Dr. S. T. Nagdeve, Head, Department of Botany

Organising Convener: Dr. V. I. Kahalkar, Department of Botany

Inaugural Session and Expert Talks:

Dr. L. H. Khalsa, The Principal of the Mahatma Gandhi Arts, Science and Late Nasaruddinbhai Panjwani Commerce College, in his introductory address, welcomed the Guest and Invited speakers, Participant and highlighted the aims and objective of the e-seminar. His address focus on the importance taxonomic studies for the conservation of biodiversity.

The chief guest and Invited speaker of the programme **Prof. (Dr.) Milind M. Sardesai, Professor Department of Botany, Savitribai Phule Pune University, Pune, Prof. (Dr.) Nitin M. Dongarwar, Professor & Head Department of Botany RTM, Nagpur University, Nagpur** graced the Programme.

Technical Session

Prof. (Dr.) Milind M. Sardesai, Professor Department of Botany, Savitribai Phule Pune University, Pune, was delivered talk on “Carnivorous Plants of India” The lecture began by introducing the concept of carnivory in plants and highlighted the various strategies that carnivorous plants employ unique mechanism to capture and digest prey. Definition of carnivorous plants and their adaptation to nutrient-poor environments. Overview of the different types of carnivorous plants found in India. Consideration of the interactions between carnivorous plants and their prey in the context of ecosystem dynamics. A significant portion of the lecture was dedicated to identifying and discussing the challenges faced by carnivorous plants in India. These challenges included habitat loss due to human activities, illegal collection for curiosity, climate change impacts.

Prof. (Dr.) Nitin M. Dongarwar, Professor & Head Department of Botany RTM, Nagpur University, Nagpur, delivered expert talk in technical session. He delivered talk on **Orchids: Traditional Uses and Conservation.** In his talk, he explained morphology of orchids, highlighting their diversity and ecological significance. He emphasized exploring how different cultures have utilized orchids for medicinal, cultural, and ornamental purposes throughout history. He also explained the traditional medicine, rituals use and stressed the need for conservation efforts to protect orchid species from extinction.

Dr. Seema T. Nagdeve conducted the proceeding and Dr. Vasanta I. Kahalkar proposed a vote of thanks.

Participants of the Programme:

In this National e - Seminar, 407 participants from different states of India.

Overall, the programme went well and all the dignitaries and concern person attended the programme and made it a very successful.

Manoharbhai Shikshan Prasarak Mandal, Armori's
M. G. Arts, Science & Late N. P. Commerce College, Armori
One Day National e-Seminar

On

PLANT TAXONOMY, TRADITIONAL KNOWLEDGE

&

CONSERVATION

THURSDAY, 12TH OCTOBER, 2023

SCHEDULE

11: 00 a.m. – 11: 15 a.m. :- Introductory & Welcome Speech – **Dr. L. H. Khalsa, Principal**

M. G. Arts, Science & Late N. P. Commerce College, Armori

11:15 a.m. –12.15 p.m.: Technical Session -- 1: **Prof. (Dr.) Milind M. Sardesai**

Professor, Department of Botany

Savitribai Phule Pune University, Pune

Topic: Carnivorous Plants of India

12:15 p.m. –01.15 p.m.: Technical Session -- 2: **Prof. (Dr.) Nitin M. Dongarwar**

Professor & Head

Department of Botany RTM, Nagpur

University, Nagpur

Topic: Orchids: Traditional Uses and Conservation

01:15 p.m. to 01:30 p.m. : **Valedictory Function**

Vote of Thanks- **Dr. S. T. Nagdeve**

Head, Department of Botany

Note: 05 Minutes are reserved for Question & Answer session after each Technical Session.



Manoharbai Shikshan Prasarak Mandal Armori's

**Mahatma Gandhi Arts, Science
and Late Nasaruddinbhai
Panjwani Commerce College,
Armori
Dist. Gadchiroli (M. S.) India**

NAAC Reaccredited with 'A' Grade
CGPA - 3.24

One Day National e-Seminar
On

**Plant Taxonomy,
Traditional Knowledge**

&

Conservation
On

Thursday, 12th October, 2023

Organized by

Department of Botany



About Our College

Mahatma Gandhi Arts, Science & Late Nasaruddinbhai Panjwani Commerce College, Armori was established on 4th June, 1981, under the flagship of Manoharbai Shikshan Prasarak Mandal, Armori. The college is recognized by UGC under section 2(f) and 12(B) and NAAC re-accredited 'A' Grade (3.24 CGPA, 2022) college in Gadchiroli district. For more details visit: <http://mgcollegearmori.ac.in>

About e-Seminar

Understanding the diversity of life on Earth requires knowledge of the biological area known as taxonomy. It not only includes the discovery, description, and classification of species, but it also significantly supports conserving biodiversity. Studies in forestry, horticulture, landscape design, aesthetics, and other humanities-related subjects all depend greatly on taxonomy. Without taxonomy, all other fields of biology will be deprived of their focus and aim. Despite this, the number of trained taxonomists is declining, and research priorities often shift away from taxonomy. Therefore, the main objective of this seminar is to enhance the experience of the participants in the field of plant taxonomy and impart traditional knowledge.

Objectives of e-Seminar

1. Identification of rare and red listed plant species and conserve the diversity of species.
2. Survey and documentation of traditional Knowledge associated with plant for sustainable utilization of species and ecosystem.
3. To develop database of native plants including herbarium.



Invited Speakers

Prof. (Dr.) Milind Sardesai
Professor, Department of Botany
Savitribai Phule Pune University,
Pune

Prof. (Dr.) Nitin Dongarwar
Prof. & Head, Department of Botany
RTM, Nagpur University, Nagpur



National e-Seminar Platform Online Mode
e-Seminar Commences at 11:00 a.m. IST

Link for Online Registration

<https://forms.gle/pQeixW4xVbxW1mvc6>

Zoom Link to join e-seminar

<https://us06web.zoom.us/j/81730062427?pwd=c8yQkXrvLfau5mhCdF94EckAx88oZ9.1>

Link For YouTube

https://youtube.com/live/pmXSjK-Z_wk?feature=share

***e-Certificates will be issued to you after
attendance and submission of feedback.**

Patron

Hon. Smt. Sunitatai K. Wanmali
President, M.S.P.M, Armori

Hon. Shri. Manojbhau W. Wanmali
Secretary, M.S.P.M, Armori

Organizer

Dr. L. H. Khalsa
Principal

Organizing secretary

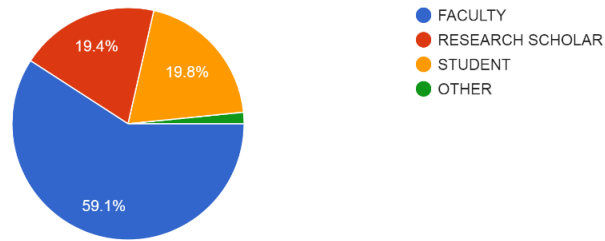
Dr. Seema Nagdeve

Convener

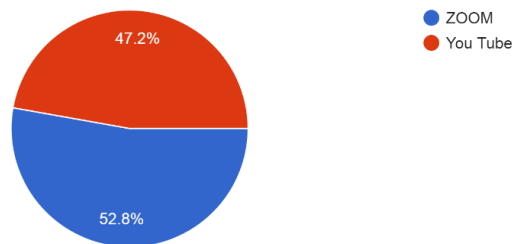
Dr. Vasanta I. Khalkar

Annexure II : Feedback Analysis

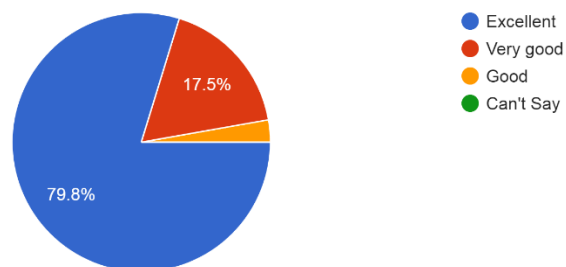
DESIGNATION
252 responses



ON WHICH PLATFORM YOU HAVE ATTEND e-SEMINAR
250 responses



PLEASE GIVE OVERALL RATING OF THIS e-SEMINAR
252 responses



Annexure III : Glimpse of Events & Press Coverage

The slide features a green background with the following text and images:

- At the top, a Zoom meeting toolbar is visible with icons for Unmute, Start Video, Security, Participants (84), Chat, New Share, Pause Share, Annotate, Slide Control, Apps, and More.
- Below the toolbar, the text "You are screen sharing" and "live" is displayed.
- The main text on the slide reads: "COLLEGE, ARMORI, DIST GADCHIROLI" and "ORGANIZER".
- In the center is a framed portrait of a man with a beard and a turban, wearing a suit and tie.
- Below the portrait, the text reads: "Principal Dr. L. H. Khalsa M.Sc. Ph.D.".
- On the right side of the slide, there is a vertical list of participants:
 - IQACMGC ARMORI
 - DR. SEEMA NAGDEVE
 - DR. MILIND SA...
 - DR. MILIND SARDESAI
 - Harsha Mulcha...
 - Harsha Mulchand Thakr
 - Dr khalsa

The Zoom meeting grid view shows 20 participants in a 4x5 grid. The participants are:


DR. SEEMA NAGDEVE	IQACMGC ARMORI	DR. MILIND SA...	Dr khalsa	Dr.Jayesh Papad...
Nitin Dongarwar	DHAMMADIP S...	Gayathri M P	Harsha Mulcha...	vivo 1915
Madhavi	maya jadhao	Bhushan Zalke	Dr.Gouri Sankar Juga Prakash Jena	Suvarna R Bans...
Kavita Khobrag...	Rupa Kalita	sanyogita	Dr. Manoj Mahendra Thaire	Prof. Dilip Ghon...
Shifa khan	Archana sachin Hande-Autade	Lakshmi Girish	Raman Patil	JIVAN GADGE

The Zoom meeting toolbar at the bottom includes icons for Unmute, Start Video, Security, Participants (87), Chat, Share Screen, Pause/Stop Recording, Show Captions, Breakout Rooms, Reactions, Apps, Whiteboards, and More. The system tray at the bottom shows the date and time: 11:13 AM, 12-10-2023.

Unmute Start Video Security Participants Chat New Share Pause Share Annotate Slide Control Apps More

You are screen sharing **LIVE** Stop Share

INVITED SPEAKER




Prof. (Dr.) Milind M. Sardesai
 Professor, Department of Botany
 Savitribai Phule Pune University, Pune

Topic: Carnivorous Plants of India

DR. KAHALKAR
 IQACMGC ARMORI
 DR. MILIND SA...
 DR. MILIND SARDESAI
 Dr khalsa
 Dr khalsa
 Dr.Jayesh Papad...

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'Legendary Man-eaters'

Myth of legendary man-eaters of the mysterious tropics has captured our imagination and attracted an attention of layman as well as biologists since decades and centuries.

DR. KAHALKAR
 DR. MILIND SARDESAI
 DR. MILIND SARDESAI
 Dr khalsa Sandeep Dakhare Dr.Jayesh Papad...
 Dr khalsa Sandeep Dakhare Dr.Jayesh Papadkar
 Nitin Dongarwar DHAMMADIP S... Gayathri M P
 Nitin Dongarwar DHAMMADIP SAHARE
 Ask to Unmute
 Harsha Mulcha... vivo 1915 Madhavi
 Harsha Mulchand Thakr vivo 1915 Madhavi
 maya jadhao Bhushan Zalke Dr.Gouri Sankar Juga ...
 maya jadhao Bhushan Zalke
 Suvarna R Bans... Kavita Khobragade Rupa Kalita
 Suvarna R Bansule Kavita Khobragade Rupa Kalita
 sanyogita Shifa khan Archana sachin Hande...
 sanyogita Shifa khan Archana sachin Hande...

Unmute Start Video Security Participants Chat Share Screen Pause/Stop Recording Show Captions Breakout Rooms Reactions Apps Whiteboards More End

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Distribution of Carnivorous Plants in World

Family	Genus	Species	Distribution
Bythidaceae	Bythia	2	Australia, New Guinea
Bromeliaceae	Brocchinia	2	Venezuela
	Catopsis	1	C. & S. America, W.I.
Cacphalotaceae	Cephalotus	1	Australia
Dioncophyllaceae	Triphyophyllum	1	S. Africa
Droseraceae	Aldrovanda	1 (1)	Europe, Asia, Australia
	Dioneaea	1	N. America
	Drosera	180 (3)	Wide
	Droserophyllum	1	Spain
Lentibulariaceae	Genlisea	15	S. Africa, S. America
	Pinguicula	74 (1)	Wide
	Utricularia	228 (40)	Wide
Martyniaceae	Ibicella	1	S. America
Nepentlaceae	Nepenthes	80 (1)	S. E. Asia
Sarraceniacaeae	Darlingtonia	1	N. America
	Heliamphora	5	S. America
	Sarracenia	8	N.E. America

Nine families, 17 genera and over 602 species

Unmute Start Video Security Participants Chat Share Screen Pause/Stop Recording Show Captions Breakout Rooms Reactions Apps Whiteboards More End

DR. MILIND SARDESAI IQACMGC ARMORI Harsha Mulchand Thakr

DR. SEEMA NAGDEVE vivo 1915 Madhavi

maya jadhao Bhushan Zalke Dr.Gouri Sankar Juga...

Suvarna R Bansule Rupā Kalita sanyogita

Shifa khan Archana sachin Hande... Raman Patil

JIVAN GADGE Gayathri M P DHANSHRI HATTEWAR

Sumera Sheikh Mr.Jayendra Nakade Triloki Zaveri

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Utricularia cecilia *Utricularia lazulina*

Unmute Start Video Security Participants Chat Share Screen Pause/Stop Recording Show Captions Breakout Rooms Reactions Apps Whiteboards More End

DR. MILIND SARDESAI IQACMGC ARMORI Harsha Mulchand Thakr

Galaxy M31 vivo 1915 Madhavi

maya jadhao Bhushan Zalke Dr.Gouri Sankar Juga...

Rupā Kalita sanyogita Shifa khan

Archana sachin Hande... Raman Patil Gayathri M P

DHANSHRI HATTEWAR Sumera Sheikh Triloki Zaveri

Payal Thakare Kabir Ekapure Dr. Mahesh Gunjal

Recording... LIVE Custom Live Streaming Service You are viewing Nitin Dongarwar's screen View Options Sign in View

Unmute Start Video Security Participants 89 Chat Share Screen Pause/Stop Recording Show Captions Breakout Rooms Reactions Apps Whiteboards More End

Recording... LIVE Custom Live Streaming Service You are viewing Nitin Dongarwar's screen View Options Sign in View

Nitin Dongarwar Nitin Dongarwar	DR. MILIND SA... DR. MILIND SARDESAI	DR. vasanta ka... DR. vasanta kahakar
Redmi 9 Redmi 9	Harsha Mulcha... Harsha Mulchand Thakr	vivo 1915 vivo 1915
maya jadhao maya jadhao	Bhushan Zalke Bhushan Zalke	Madhavi Madhavi
sanyogita sanyogita	Gayathri M P Gayathri M P	DHANSHRI HATTEWAR DHANSHRI HATTEWAR
Dr. Mahesh Gun... Dr. Mahesh Gurjal	Nitesh Beej Nitesh Beej	Monika basone Monika basone
Priya Priya	Ruchi Ruchi	Sagar Dilip Son... Sagar Dilip Sonawane
		DHAMMADIP SAHARE DHAMMADIP SAHARE

Unmute Start Video Security Participants 90 Chat Share Screen Pause/Stop Recording Show Captions Breakout Rooms Reactions Apps Whiteboards More End

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Traditional Knowledge

- In ancient Greece, orchid roots were used to predict the gender of babies before birth. A large tuberous root indicated a male child while a small root indicated a female child. Just as the Greek's connected orchids with fertility, this symbol still holds true today.
- In the ancient Aztec civilization, it was believed that orchids, symbolizing strength and power, would bring these qualities to those who consumed it. They even created an elixir of white orchids and vanilla.
- Ancient Chinese medicine ingredients commonly included the orchid flower, specifically the *Dendrobium* orchid, or the "Bamboo Orchid."
- Fertility is another well-recognized symbol linked to orchids in Japanese culture. Families and businesses often display orchids in their homes and offices to promote the good fortune that fertility brings.


Nitin Dongarwar Nitin Dongarwar	I IQACMGC ARMORI	DR. MILIND SA... DR. MILIND SARDESAI	DR. vasanta ka... DR. vasanta kahaikar
Redmi 9 Redmi 9	Harsha Mulcha... Harsha Mulchand Thakr	vivo 1915 vivo 1915	Madhavi Madhavi
maya jadhao maya jadhao	Bhushan Zalke Bhushan Zalke	D Dr.Gouri Sankar Juga ...	Rupa Kalita Rupa Kalita
sanyogita sanyogita	G Gayathri M P	DHANSHRI HATTEWAR DHANSHRI HATTEWAR	Payal Thakare Payal Thakare
Dr. Mahesh Gun... Dr. Mahesh Gunjal	Nitesh Beej Nitesh Beej	Monika basone Monika basone	Sagar Dilip Son... Sagar Dilip Sonawane
Priya Priya	Ruchi Ruchi	Arati Pranjale Arati Pranjale	DHAMMADIP S... DHAMMADIP SAHARE

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Rhynchostylis retusa




- The flowering spike (inflorescence) is used by the girls to adorn their hair during the spring festival-*Rongali Bihu*.
- This orchid also acts as a symbol of fertility and merriment.
- The inflorescence is also used in the marriage ceremony of the local people.



Nitin Dongarwar Nitin Dongarwar	I IQACMGC ARMORI	DR. MILIND SA... DR. MILIND SARDESAI	DR. vasanta ka... DR. vasanta kahaikar
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Ruchi Ruchi	Arati Pranjale Arati Pranjale	DHAMMADIP S... DHAMMADIP SAHARE	Tulshi Upadhyay Tulshi Upadhyay

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Nitin Dongarwar Nitin Dongarwar	I IQACMGG ARMORI	DR. MILIND SA... DR. MILIND SARDESAI	DR. vasanta ka... DR. vasanta kahalkar
Redmi 9 Redmi 9	Harsha Mulcha... Harsha Mulchand Thakr	Madhavi Madhavi	maya jadhao maya jadhao
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