

WEBINAR - 1

Date : 29th Aug, 2020

Topic : SELF INCOMPATIBILITY

PRESENTER : SWATI SUCHARITA MOHANTY, +3 FINAL YR.(HONS)
(5th SEM)

Today i.e., 29th Aug 2020 ; we officially started our first series of Webinar for +3 Sc. Botany (Hons) Students. The first talk was presented by Miss Swati Sucharita Mohanty +3 final yr (5th Sem) Hons on the topic " Self-incompatibility " in Angiospermic plant .

A Google meet link was created and sent to students for attending the webinar .

Welcome address and vote of thanks was given by Miss Kalyani

The online webinar was smoothly conducted.

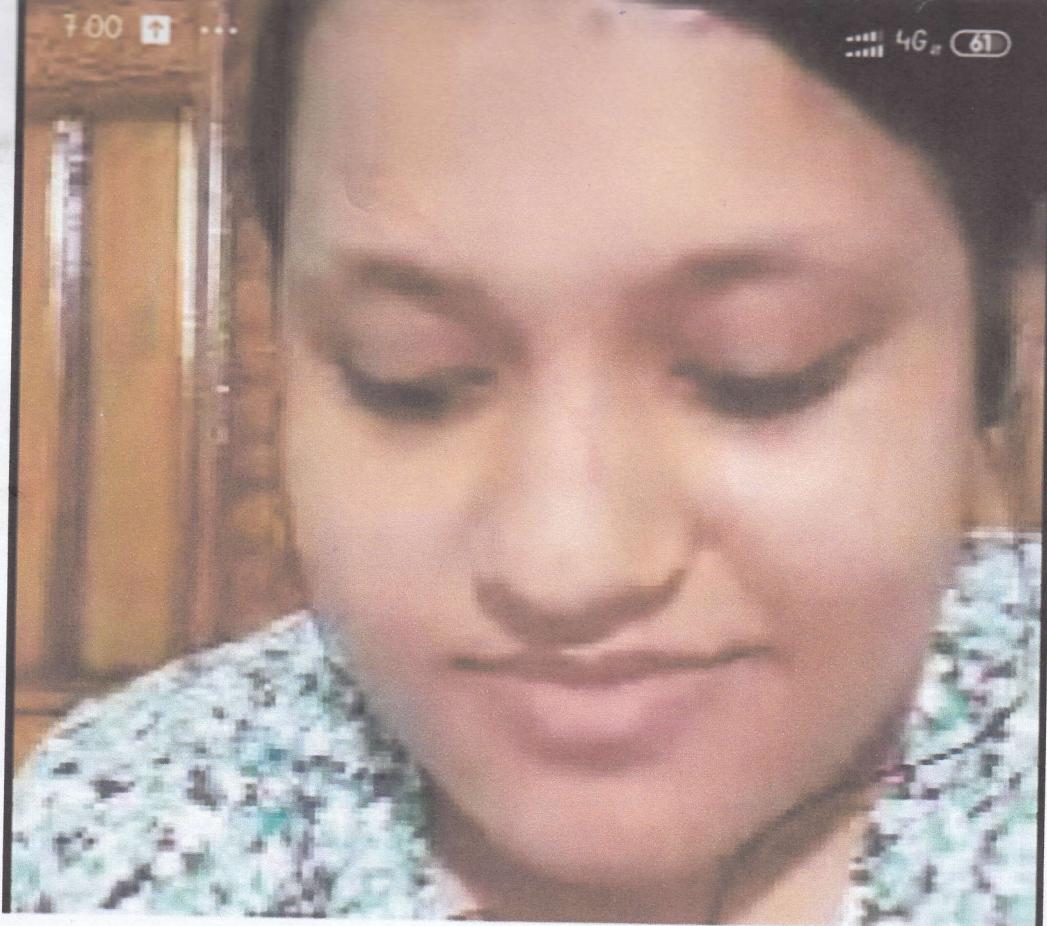
~~Maranji
29.08.2020~~

Maranji Sarangi

H.O.D, BOTANY

Baresha Jethy.

SEMINAR SECRETARY



333



SONYSMITA MOHARANA (You)



Manasi Sarangi



KALYANI MISHRA



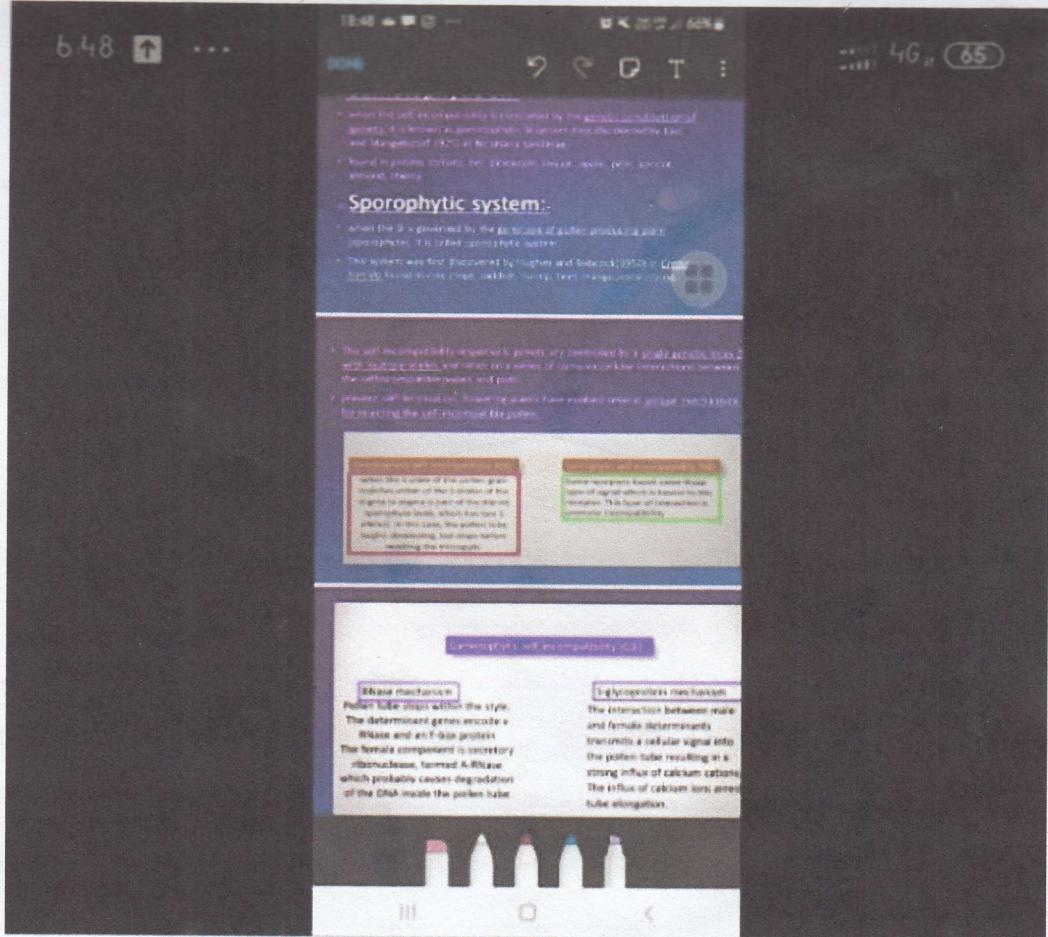
Madhusmita Sethy

NEW



Others in the meeting (29)





29

SONYSMITA MOHARANA (You)

KALYANI MISHRA >

Swati Sucharita mohanty >

Soumya Ranjan Muduli >

Others in the meeting (25)



300



SONYSMITA MOHARANA (You)



KALYANI MISHRA



Swati Sucharita mohanty



Soumya Ranjan Muduli



Others in the meeting (26)



WEBINAR - 2

Date - 13th Sept, 2020

TOPIC - I. NPC system of classification

2. Various aspects of Tobacco plant

PRESENTER - 1. Miss Sujata Sahoo (5th Sem, Botany (H))

2. Miss Rajalaxmi Mohapatra (3rd Sem Botany (H))

The Second webinar of on-going webinar series was conducted by the dept. of Botany on 13th, Sept, 2020 via Google meet app.

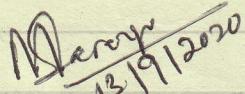
There were two presenters for the same. Miss Sujata Sahoo (5th Sem Botany Honours) presented a talk on "NPC System of classification", followed by Miss Rajalaxmi Mohapatra (3rd Sem Botany Honours) delivered her presentation on "Various aspects of tobacco".

Miss Sonysmita Moharana (5th Sem Botany Hons) was the moderator for the session.

The chief guest and guest of honour for the session were Dr. B. N. Das (Principal) & Dr. H. K. Mishra (HOD, Physics) respectively. Manasi Sarangi, the H.O.D of the department officially started the meeting.

The talk was followed by interactive session, where the guests and students were actively involved.

The session was concluded by Miss Barsha Jethy (3rd sem Botany (Hons)), who gave the vote of thanks. Thus, the second series of webinar was smoothly conducted.


13/9/2020

Manasi Sarangi
H.O.D. Botany

Barsha Jethy.
SEMINAR SECRETARY

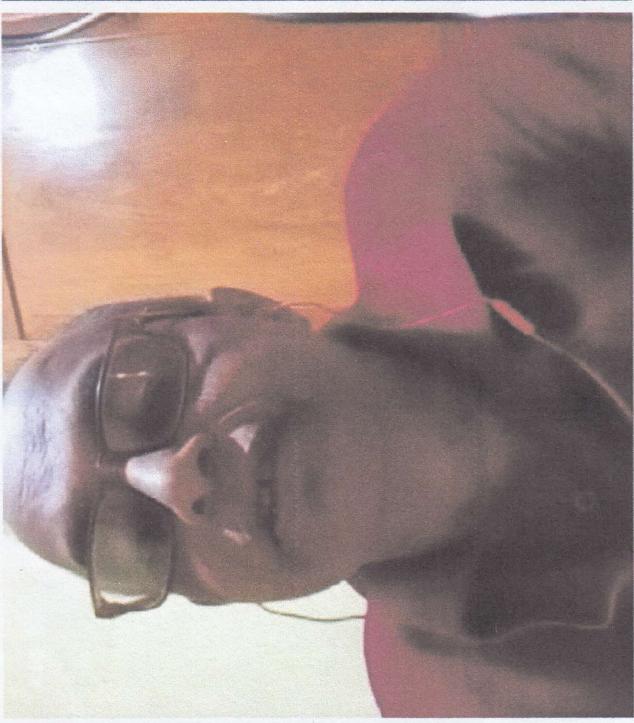
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1 / 14

WEBINAR PRESENTATION

Presented by: Rajarami Mohapatra
Class: 3rd year
Roll No: BBD-042
Presented in Department of Botany
S.A. Muktasim

Tobacco is the common name of several plants in the Solanaceae genus and the Solanaceae family, most of which are native to the Americas. The species from which tobacco plants are derived are native to South America. Most tobacco species are known to be toxic, but the chief commercial strain is not. This plant is used for smoking. The most popular tobacco species is used and named as Nicotiana.



4:56 4G 74

TOBACCO

Tobacco is the common name of several plants in the Solanaceae genus and the Solanaceae family, most of which are native to the Americas. The species from which tobacco plants are derived are native to South America. Most tobacco species are known to be toxic, but the chief commercial strain is not. This plant is used for smoking. The most popular tobacco species is used and named as Nicotiana.

Scientific Classification

Kingdom	: Plantae
Division	: Lachrymatales
Sub-division	: Solanales
Order	: Solanales
Family	: Solanaceae
Species	: Nicotiana

History:

Friedrich Jean Michel Lepeletier de Saint-Fargeau, a French physician, identified Nicotiana as being in 1601, and believed that species of Nicotiana were first reported in 1567. Nicotiana is a genus in the family Solanaceae, which includes potato, eggplant, and tomato.

Nicotiana is a native of tropical and subtropical America, but it is also extensively cultivated worldwide. Nicotiana is sensitive to temperature, air, ground humidity, and the type of soil. Varieties of Nicotiana (N. tabacum) are

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SONYSMITA MOHARANA (You)

Manasi Sarangi

Somanath Mahapatra

Dr. Baikuntha Narayan Dash

4:56 4G 74

SONYSMITA MOHARANA (You)

Manasi Sarangi

Somanath Mahapatra

Dr. Baikuntha Narayan Dash

4:56 4G 74

SONYSMITA MOHARANA (You)

Manasi Sarangi

Somanath Mahapatra

Dr. Baikuntha Narayan Dash

Others in the meeting (35)



Others in the meeting (33)



Others in the meeting (33)



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Cs - Called as Pororate

4G, 77

OVERAL STRUCTURE OF CHARACTER OF APERTURE

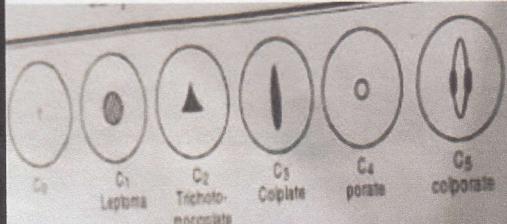


Fig. 3.8. Structure of a Typical Angiospermic Flower

OVERAL STRUCTURE OF NPC SYSTEM:-

APERTURE	MONOTREME						DIPLOTREME						TRITREME					
	N ₁	N ₂	N ₃	N ₄	N ₅	N ₆	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆
MONO	MONO	DI	TRI	TETRA	PENTA	HEXA	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	Z ₆
ANACATA	DATA	ANACATA	ANNA	ZONO	ZONO	ZONO	DIAZONO	DIAZONO	DIAZONO	DIAZONO	DIAZONO	DIAZONO						
COLPATE	LEPT	TRICO	COLPATE	TRICO	COLPATE	COLPATE	COLP	COLP	COLP	COLP	COLP	COLP	POR	POR	POR	POR	POR	POR
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FIG. 3.9. NPC system of Pollen Classification

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SONYSMITA MOHARANA (You)



Manasi Sarangi



Sujata Sahoo

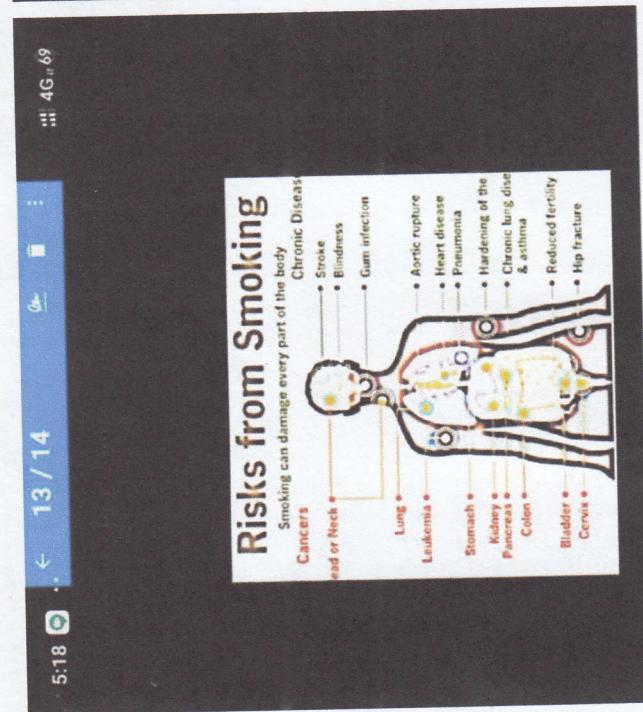
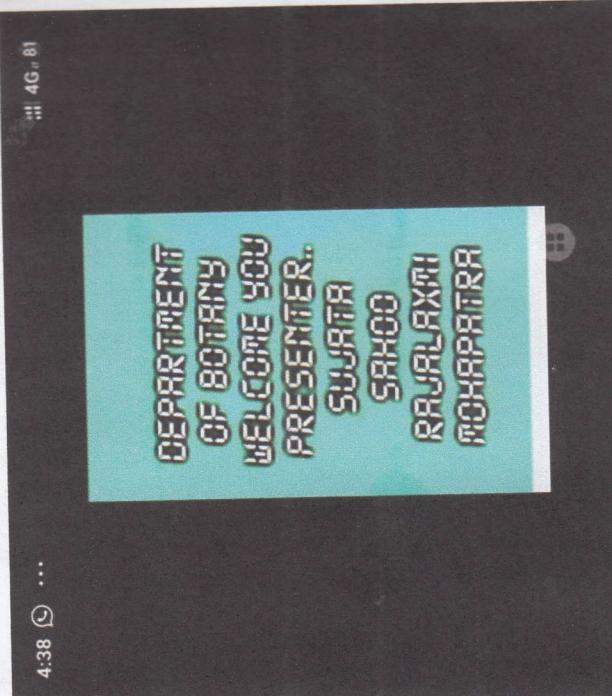


Dr. Baikuntha Narayan Dash



Others in the meeting (35)





SONYSMITA MOHARANA (You)

Swati Sucharita mohanty

Manasi Sarangi

Sujata Sahoo

Others in the meeting (33)

SONYSMITA MOHARANA (You)

Somanath Mahapatra

SUSHREE PRIYADARSHINI P...

Dr. Baikuntha Narayan Dash

Manasi Sarangi

Others in the meeting (34)

SONYSMITA MOHARANA (You)

Swati Sucharita mohanty

Manasi Sarangi

Dr. Baikuntha Narayan Dash

Manasi Sarangi

Others in the meeting (33)

SONYSMITA MOHARANA (You)

Swati Sucharita mohanty

Manasi Sarangi

Sujata Sahoo

Others in the meeting (33)

07/04

01:43

Others in the meeting (28)