

PINGLE GOVT. COLLEGE FOR WOMEN

WADDEPALLY, WARANGAL (U) TELANGANA

(Accredited by NAAC with 'A' Grade & ISO 9000-2015 certified college)

(Permanently Affiliated to Kakatiya University)



DEPARTMENT OF BIOTECHNOLOGY

ORGANIZES

NATIONAL WEBINAR ON "RECENT TRENDS IN PLANT BIO-TECHNOLOGY"

Date & Time: 08-09-2021, 11.00 AM

Resource person



EMINENT SPEAKER
DR. N. RAMA SWAMY
Professor (Retd.)
Dept. of Bio-Technology
Former Principal
Kakatiya University, Warangal
Biotechnology Expert,
Spectrum planning India Ltd.
DBT-New Delhi

Convener

Smt.K.Saritha
Asst.Prof.of Botany

Co-convener

Dr. B. Mahitha
Lecturer in Biotechnology

President

Dr.G.Rajareedy
Principal (FAC)

Organizing Committee

Dr.RamavathRavi- IQAC-Coordinator
Dr.D.Parvathi- Asst. Prof of Botany
B.Jagadish –Librarian

E-Certificates issued to all the participants

Registration link: <https://forms.gle/oA1Z7pGqWgq45mcn6>



Platform: Google meet

Participation link: <https://meet.google.com/met-dniz-fzp>

PINGLE GOVT.COLLEGE (W), WARANGAL

Dept. of Biotechnology

NATIONAL WEBINAR

Date: 08-09-2021

Topic: "Recent Trends in Plant Biotechnology"

Name of the Resource person: Dr.N Rama swamy, Prof .of Biotechnology(Rtd), Kakatiya University, Wgl

This webinar enlightens the participants about recent trends in biotechnology like Embryo rescue method, protoplast fusion technology, Transgenic plants ,molecular farming, bio-pharm, bio reactors and plantibodies.

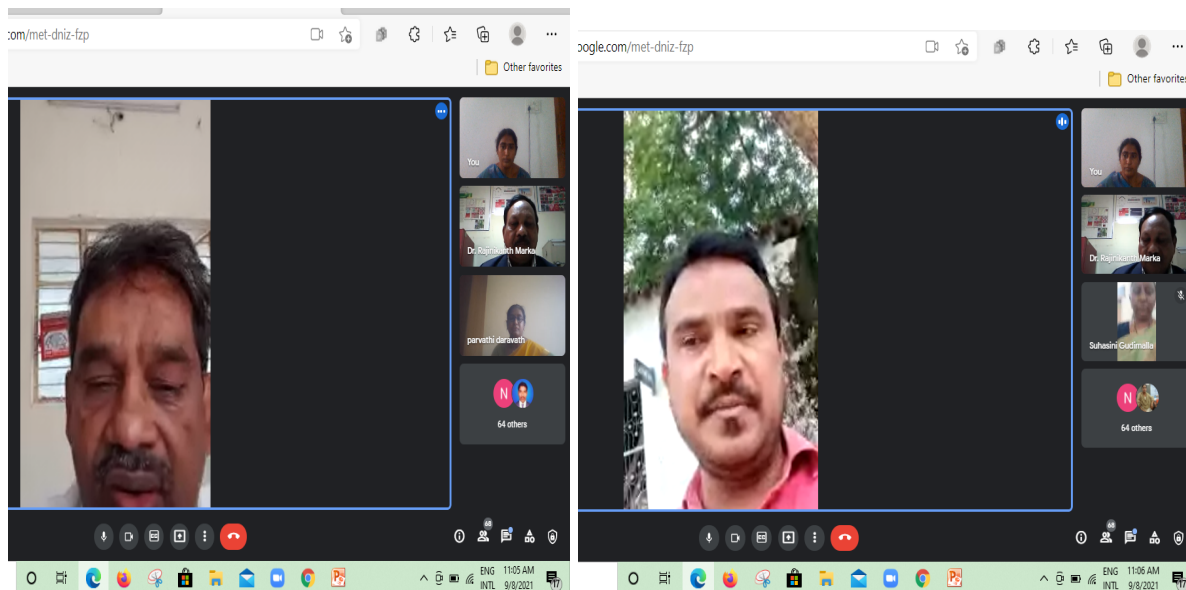
No.of participates: 100

The Webinar was conducted through Google meet.

Google meet link: <https://meet.google.com/met-dniz-fzp>

Feedback link: <https://forms.gle/BmqvVn4qcHzKxuBj6>

Inaugural session



Technical session

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Dr. Rajinikanth Marka is presenting

RECENT TRENDS IN PLANT BIOTECHNOLOGY

THE NEW HARVEST: GENETICALLY ENGINEERED SPECIES

Prof. N. RAMA SWAMY

DEPARTMENT OF BIOTECHNOLOGY
KAKATIYA UNIVERSITY
WARANGAL, TELANGANA STATE
INDIA- 506 009.
swamynr.dr@gmail.com

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- Allen Smith

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Dr. Rajinikanth Marka is presenting

Plants as bioreactors

Pharmaceuticals – molecular pharming

- Vaccines, incl. edible vaccines
- Growth hormones
- Enzymes
- Blood proteins (coagulation factors)
- Antibodies (plantibodies)

Industrial enzymes

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Slide 126 of 149 "Office Theme"

10 PM | met-dniz-fzp

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Dr. Rajinikanth Marka is presenting

Selective action of *Bt* in insects

Ingestion (occurs while feeding plant tissues)

Solubilization (Alkalinity)

Activation ($\text{pH} > 9.5$)

Binding (Specific receptor)

Insertion (Damage gut wall)

Pore formation

Cell lyses

Death

Bt protein needs certain specific conditions for its effective action. It has to be ingested by the target insect which happens when it is feeding. It needs alkaline

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In-call messages

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Messages can only be seen by people in the call and are deleted when the call ends.

You

Dr. Rajinikanth Marka

padmahasan reddy

95 others

DILDAH HUSAIN 11:56 AM
very nice and informative lecture

Bhadra Kali Tatabhatla 11:59 AM
Informative session

Amit Gupta 12:00 PM
Very nice and informative
Dr. Amit Gupta
Chemistry Department
Institute Of Basic Science
Dr Bhimrao Ambedkar University Agra mail
gamit8205@gmail.com

padala thirupathi 12:01 PM
Very informative n wonderful lecture sir

Send a message to everyone

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Dr. Rajinikanth Marka is presenting

Thank you

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Model certificate issued to the participants

