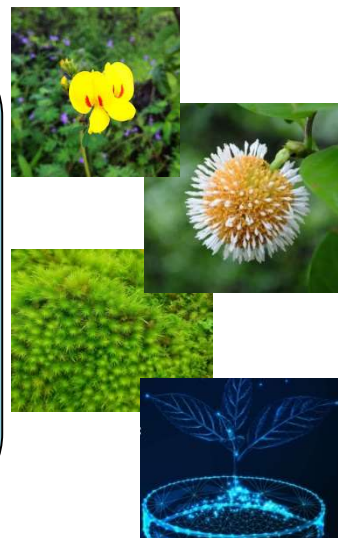




Department of Botany Goa University



Organizes
National Webinar
On
"Advances in Plant Science"
Date: February 3rd and 4th 2022

Honourable Speakers

- ✚ **Prof. Folke Sitbon**, Dept. of Plant Biology, Swedish University of Agricultural Science, Uppsala, Sweden.
- ✚ **Prof. Zhenxing Wang**, College of Horticulture, Nanjing Agricultural University, China.
- ✚ **Dr. Alok Krishna Sinha**, Staff Scientist VII, National Institute of Plant Genome Research, New Delhi, India.
- ✚ **Dr. Ritesh Kumar Choudhary**, Scientist E and Sr. Scientist of Biodiversity and Palaeobiology Group, Agharkar Research Institute, Pune, India.
- ✚ **Prof. P. Ravichandran**, Manonmaniam Sundaranar University, TN, India.

- ✚ **Dr. R. Ganesan**, ATREE, Bangalore, India.
- ✚ **Prof. Rupam Kapoor**, Department of Botany, University of Delhi, India
- ✚ **Dr. Yash Pal Sharma**, Department of Botany, University of Jammu, J&K, India
- ✚ **Dr. Vaibhav A. Mantri**, Principal Scientist; Divisional Chair (Head), Applied Phycology & Biotechnology Division, CSIR-Central Salt & Marine Chemicals Research Institute, Gujarat, India.
- ✚ **Dr. Rajagopal Subramanyam**, School of Life Science, University of Hyderabad, India

Invitation

The Faculty of the Department of Botany, Goa University, pleasesurably invites you to participate in a National level Webinar on 'Advances in Plant Science' to be held on 3rd and 4th February 2022.

Organizing Committee

PATRON

Prof. Harilal B. Menon
Vice Chancellor
Goa University

ADVISORS

Registrar, Goa University

Dean, Faculty of Life Science and Environment, Goa University

CONVENER

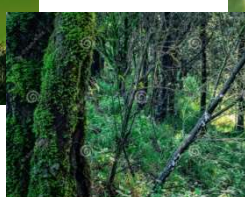
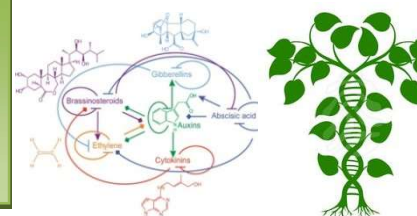
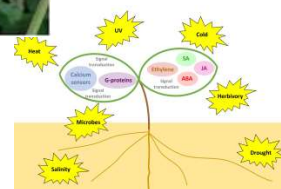
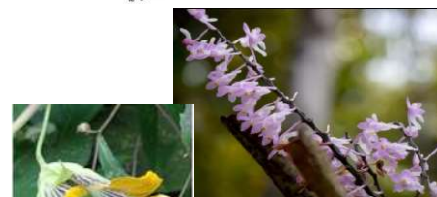
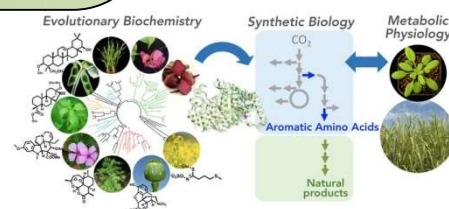
Prof. S. Krishnan
Head, Department of Botany
Goa University

MEMBERS

Prof. B. F. Rodrigues
Prof. P. K. Sharma
Prof. M. K. Janarthanam
Prof. Vijaya U. Kerkar
Dr. Rupali Bhandari


ORGANIZING SECRETORY

Dr. Siddhi K. Jalmi



REPORT ON ACTIVITY

(Seminar / Webinar / Expert talk / Workshop / Visit to Incubators on the themes pertaining to Innovation/Entrepreneurship/Intellectual property)

Title of the event	National Webinar on “Advances in Plant Sciences”
Date and time	03/02/2022 and 04/02/2022
Mode	Online
Department/School/Directorate	Department of Botany
Participants	199
Resource Person/s	10 resource persons- 8 from India and 2 from abroad Institutes and Universities
Faculty attended	11 from GU and 95 from other institutes
Students attended	84 from GU and 9 from other institutes
No of external participants	104
The objectives / description of the activity (50 words)	The objective of this webinar was to give a basic as well as advanced knowledge on plant science and current status of research in varied fields of botany.
Copy of Flyer of the event uploaded on the Goa University Website	Attached herewith
URL of the event	https://www.youtube.com/watch?v=RA3IuA8AsKo
Social Media posts and links:	
Instagram post	
Instagram link	
Facebook post	
Facebook link	
Youtube post	
Youtube link	https://www.youtube.com/watch?v=RA3IuA8AsKo https://www.youtube.com/watch?v=wUiSSJGOBIA
Photos (5)	 <p style="text-align: center;">National Webinar on Advances in Plant Science 3rd & 4th February, 2022 Department of Botany, Goa University</p> <p style="text-align: center;">National Webinar On Advances in Plant Science - DAY 2</p>



National Webinar On Advances in Plant Science



National Webinar On Advances in Plant Science



National Webinar On Advances in Plant Science

1,489 views • Streamed live on Feb 3, 2022



National Webinar On Advances in Plant Science - DAY 2

Benefit/Key outcome of the event in terms of learning/skills/knowledge

This event was organized for all the students of life science of Goa University and other universities and colleges. This webinar benefited all the students in various ways, giving basic as well as advanced knowledge on plant science. Most importantly the lectures from eminent scientist across India and abroad gave idea about recent advances in research on different areas of plant science. They also gave opportunity to interact with resource persons with the queries about the subject.

Department of Botany Goa University

National Webinar on “Advances in Plant Science” 3 rd and 4th February 2022

Details of the resource persons:

1. Dr. Rajagopal Subramanyam, School of Life Science, University of Hyderabad, India.
Title: Response of photosynthetic apparatus towards abiotic stress: Acclimation process
2. Dr. Krishan Rai, Plant Geneticist Lead, CoverCress Inc., St. Louis MO, United states
Title: Journey of functional genomics: from T-DNA to Precise gene editing
3. Dr. Alok Krishna Sinha, National Institute of Plant Genome Research, New Delhi, India.
Title: Signal Transduction in Plants and Protein-Protein Interaction
4. Dr. Vaibhav A. Mantri, Applied Phycology & Biotechnology Division, CSIR-Central Salt & Marine Chemicals Research Institute, Gujarat, India.
Title: Epiphytism, diseases and grazing in seaweed aquaculture
5. Dr. R. Ganesan, ATREE, Bangalore, India.
Title: Conserve biodiversity beyond Protected Areas
6. Dr. Ritesh Kumar Choudhary, Scientist E and Sr. Scientist of Biodiversity and Palaeobiology Group, Agharkar Research Institute, Pune, India.
Title: How relevant are the molecular tools in plant taxonomy research?
7. Prof. Zhenxing Wang, College of Horticulture, Nanjing Agricultural University, China.
Title: Hybridization barriers: tricks of the DNA methylation

8. Prof. P. Ravichandran, Manonmaniam Sundaranar University, TN, India.

Title: "Biology of Palmyra Palm Tree"

9. Prof. Rupam Kapoor, Department of Botany, University of Delhi, India.

Title: Understanding the Physiology and Biochemical Mechanisms to Harness Maximum Benefit of Arbuscular Mycorrhiza in Sustainable Cultivation of Medicinal Plants.

10. Dr. Yash Pal Sharma, Department of Botany, University of Jammu, J&K, India.

Title: Wild Edible Mushrooms: The Food of People in the Himalayan Region of Jammu & Kashmir



*Department of Botany
Goa University*

National Webinar on “Advances in Plant Science”

3rd and 4th February 2022

PROGRAMME SCHEDULE

Day-1: 3rd February 2022

10.00-10.30am

Inaugural function

Welcome address: Prof. S. Krishnan, Head, Department of Botany

*Introductory Remarks: Prof. Vijaya Kerkar, Dean, Faculty of Life Sciences
& Environment, Goa University*

Inaugural Address: Prof. H. B. Menon, Vice Chancellor, Goa University

Vote of Thanks: Dr. Siddhi K. Jalmi, Organizing Secretary

Session I: 10.30-11.30 am

Chairperson: Prof. P.K. Sharma

Rapporteur: Ms. Ravina Pai

*Speaker: Dr. Rajagopal Subramanyam, School of Life Science, University of
Hyderabad, India.*

*Title: Response of photosynthetic apparatus towards abiotic stress:
Acclimation process*

Session II: 11.30-12.30 pm

Chairperson: Dr. Siddhi K. Jalmi

Rapporteur: Ms. Annie Princy Nadar

Speaker: Dr. Krishan Rai, Plant Geneticist Lead, CoverCress Inc., St. Louis MO, United states

Title: Journey of functional genomics: from T-DNA to Precise gene editing

Session III: 12.30-1.30 pm

Chairperson: Prof. S. Krishnan

Rapporteur: Ms. Shravani Korgaonker

Speaker: Dr. Alok Krishna Sinha, National Institute of Plant Genome Research, New Delhi, India.

Title: Signal Transduction in Plants and Protein-Protein Interaction

1.30-2.30 pm

lunch break

Session IV: 2.30-3.30 pm

Chairperson: Prof. Vijaya Kerkar

Rapporteur: Ms. Shrishti Chahal

Speaker: Dr. Vaibhav A. Mantri, Applied Phycology & Biotechnology Division, CSIR-Central Salt & Marine Chemicals Research Institute, Gujarat, India.

Title: Epiphytism, diseases and grazing in seaweed aquaculture

Session V: 3.30-4.30 pm

Chairperson: Prof. M. K. Janarthanam

Rapporteur: Ms. Akshatra Fernandes

Speaker: Dr. R. Ganesan, ATREE, Bangalore, India.

Title: Conserve biodiversity beyond Protected Areas

End of Day 1

Day-2: 4th February 2022

Session VI: 10.00-11.00 am

Chairperson: Prof. M. K. Janarthanam

Rapporteur: Ms. Divyarani

Speaker: Dr. Ritesh Kumar Choudhary, Scientist E and Sr. Scientist of Biodiversity and Palaeobiology Group, Agharkar Research Institute, Pune, India.

Title: *How relevant are the molecular tools in plant taxonomy research?*

Session VII: 11.00-12.00 pm

Chairperson: Dr. Siddhi K. Jalmi

Rapporteur: Ms. Aditi Naik

Speaker: Prof. Zhenxing Wang, College of Horticulture, Nanjing Agricultural University, China.

Title: *"Hybridization barriers: tricks of the DNA methylation"*

Session VIII: 12.00-1.00pm

Chairperson: Prof. S. Krishnan

Rapporteur: Ms. Arti Dabolkar

Speakers: Prof. P. Ravichandran, Manonmaniam Sundaranar University, TN, India.

Title: *"Biology of Palmyra Palm Tree"*

1.00-2.00pm

lunch break

Session IX: 2.00-3.00pm

Chairperson: Dr. Rupali Bhandari

Rapporteur: Ms. Tanvi Prabhu

Speaker: Prof. Rupam Kapoor, Department of Botany, University of Delhi, India.

Title: Understanding the Physiology and Biochemical Mechanisms to Harness Maximum Benefit of Arbuscular Mycorrhiza in Sustainable Cultivation of Medicinal Plants.

Session X: 3.00-4.00pm

Chairperson: Prof. Bernard Rodrigues

Rapporteur: Ms. Pallavi Randive

Speaker: Dr. Yash Pal Sharma, Department of Botany, University of Jammu, J&K, India.

Title: Wild Edible Mushrooms: The Food of People in the Himalayan Region of Jammu & Kashmir

4.00-4.30pm

Valedictory remarks

Thank you for your participation!

Registration link: <https://forms.gle/7BXsJzL3v1hvfEh47>