

Department of Biotechnology

Department Activities

2020-21

National Nutritional Week -2020

Topic

Small Millets for Large Population

Distinguished Speaker

Dr. M Muthamilarasan, PhD, MNASc
Assistant Professor Department of Plant Sciences
University of Hyderabad

Sep 5, 2020 07:00 PM

Zoom meeting ID <https://us02web.zoom.us/j/81153573928>

Objective:

To bring awareness on nutritional value of millets.

To introduce various natural methods of food processing

To make the students understand the role of recombine rDNA technology for development of agriculture.

Brief summary

Department of Biotechnology and Botany have jointly organized awareness talk on millets on the occasion of National nutrition week. Nutritional value of Different millets like pearl millet, fox tail millet, finger millet etc. were discussed. These millets have various anti-nutrients like Tannins, Phytates which limit the absorption of nutrients. Different methods like fermentation, milling, popping were discussed. Role of Heat shock proteins to with stand draught was discussed.

Turn on Original Sound

You are viewing Dr. Muthu - UoH's screen

View Options

Small millets for Large population



Muthamilarasan M, PhD (Fulbright), M
Assistant Professor, Department of Plant Science
School of Life Sciences, University of Hyderabad

From Sumaswarajyalakshmi to Me
happy teachers day mam

Karli Geethanjali

Dr. Muthu - UoH

raj shekar

Dr. Uppu Anitha Devi

Unmute

Start Video

Participants 75

Chat

Share Screen

Record

Reactions

Leave

Activate Windows. Go to Settings to activate Windows.

Karli Geethanjali

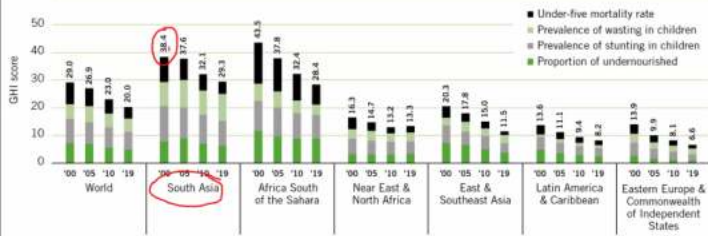


raj shekar



Suresh babu.P

GHI scores of 2000, 2005, 2010, 2019



Participants (75)

- PG princy Gangadhari
- RS raj shekar
- Rajana Karuna
- R Rajitha V
- R Ramya
- RS Rathod Shireesha (Btzc)
- SM Shankar Munigala
- Sindhu Priya BTBC (2039195720...
- SM Sirisha muwa
- SP Siva Parvathi
- SB Sony Btzc 005
- S Sravan Btzc
- S sravani .P(B6)
- SC Srujana Chelluri (BTZC)



Govt. Degree College, Kukatpally, Medchal Dt. Telangana
(Affiliated to Osmania University)

Career guidance for Undergraduates in sciences



In association with
Indian National Young Academy of Sciences (INIAS)

26.09.2020, 3PM onwards

Log in Credentials: <https://meet.google.com/vpn-jmsr-htp>

Entrepreneurial opportunities in Life Sciences	Dr.Mudrika Khandelwal, Assistant Professor, IIT-H, Hyderabad
Opportunities for Women in Science	Dr.Namisha Sharma, SERB Women Excellence Awardee, NIPGR, New Delhi
Getting into IITs	Ms.Jananee, Research Scholar, IIT-D, New Delhi

Moderator: Dr. M. Muthamilarasan, UoH, Hyderabad

Co-Moderator: Dr. Sanhita Roy, LVPEI, Hyderabad

Organizers: Principal & Sciences faculty, GDC, Kukatpally

Youtube link:

<https://studio.youtube.com/video/krktwJBCCR4/edit>

Brief Outline:

Dr. Mudrika Khandelwal, Assistant Professor, IIT-H, Hyderabad had emphasized students to have deep learning in the area of subject, understand the pros and cons develop the new concepts and techniques to become entrepreneurs. Eco friendly technologies for sustainable development.

Dr.Namisha Sharma, SERB Women Excellence Awardee, NIPGR, New Delhi has discussed about various carrer opportunities for women in science. Encouraged students to take up higher education life sciences and contribute to the society.

Dr. Sanhita Roy, LVPEI, Hyderabad had emphasized on practical oriented learning in undergraduation. Hands on training workshops and internships inspire students for higher education in life sciences.



The screenshot shows a Zoom meeting window. The main content is a presentation slide with a blue background featuring a bokeh effect of light circles. A central orange banner contains the word "ENTREPRENEURSHIP" in white capital letters. Below the banner, on the left, is the logo of the National Science Foundation (NSF). In the center, the text reads "Mudrika Khandelwal Associate Professor, IITH". On the right is the logo of the Indian Institute of Technology Hyderabad (IITH), which includes the motto "सत्यं धर्मं शान्तिं विद्यां विद्यायाः" and "Indian Institute of Technology Hyderabad". A small 'x' icon is visible at the top center of the slide. On the right side of the Zoom window, there is a video feed of a participant wearing glasses and a yellow shirt, with the name "Biological Sciences GOC Kukatpally" below it. At the bottom right of the Zoom window, a system message reads "Activate Windows Go to Settings to activate Windows."



This screenshot is identical to the one above, showing the same Zoom meeting window. The presentation slide content is the same. The video feed on the right now shows a different participant, a woman with long dark hair, with the name "Mudrika Khandelwal" below it. The system message at the bottom right remains the same: "Activate Windows Go to Settings to activate Windows."



Career opportunities after B.Sc Biotechnology

17.03.2021

Brief summary:

Various degree college in the Hyderabad city have jointly organized a career oriented programme. Lot of emphasis was raised on higher education in life sciences. Various central institutes and research institutes for studying Masters and Integrated Ph.D. Various fellowships like DBT fellowship for students studying masters in Various central institutes. Opportunities for students to become entrepreneurs, various schemes like DBT BIRAC fellowship and incubation facilities at BioNest, Atal Incubation centers etc. Skill development programmes under MSME, Govt. of India.



Department of Biotechnology

Government Degree College,
Khairatabad, Hyderabad, Telangana



Zoom ID
842 4838 4364
PC: 517644

Webinar
on

E-Certificate
will be
provided

Career opportunities after B.Sc. Biotechnology

Resource Person

Dr. Sambashiva. D

Founder

Abhignya Biotechnology Consultants
Hyderabad

Convenor

Dr. Y. Venkateswarlu
Head
Dept. of Biotechnology

Chairperson

Dr. DSR. Rajender Singh
Principal & JD (FAC)

Join us on,

Wednesday, March 17, 2021

Time: 6:00-7:00 PM

Registration Link: <https://forms.gle/jaKLDqwxctC7N3xu9>

Co-Organizers



Associate Partner

Abhignya Biotechnology

The image shows a Zoom meeting interface. On the left, a presentation slide is displayed with the following text:

REC LIVE

ABHIGNYA BIOTECHNOLOGY CONSULTANTS
"The Science of Today is the Technology for Tomorrow"

A Skill development centre in the field of life science established under MSME, Govt of India

Dr. Sambashiva's screen

On the right, the 'Participants (452)' list is visible, showing the following participants:

Participant Name	Role	Video	Audio	Chat	More
KG Karli Geethanjali	(me)	On	On	On	>
D Divya	(Host)	Off	On	On	>
CG Choosen Glory		Off	On	On	>
N Nick's		Off	On	On	>
DS Dr. Sambashiva	(Co-host)	Off	On	On	>
DY Dr. Y. Venkatesw...	(Co-host)	Off	On	On	>
SM Sugantha Mala	(Co-host)	Off	On	On	>
OB 005.Sony Btzc		Off	On	On	>
AS A. Shirisha BtBZ		Off	On	On	>

Invite

National science Day celebrations

Topic: Defy the Dogma

Speaker: Dr.K.Prem Sagar, Asst. Professor, Dept of Biotechnology, Mahatma Gandhi University, Nalgonda.

27.02.2021 12 Noon to 4:00 PM

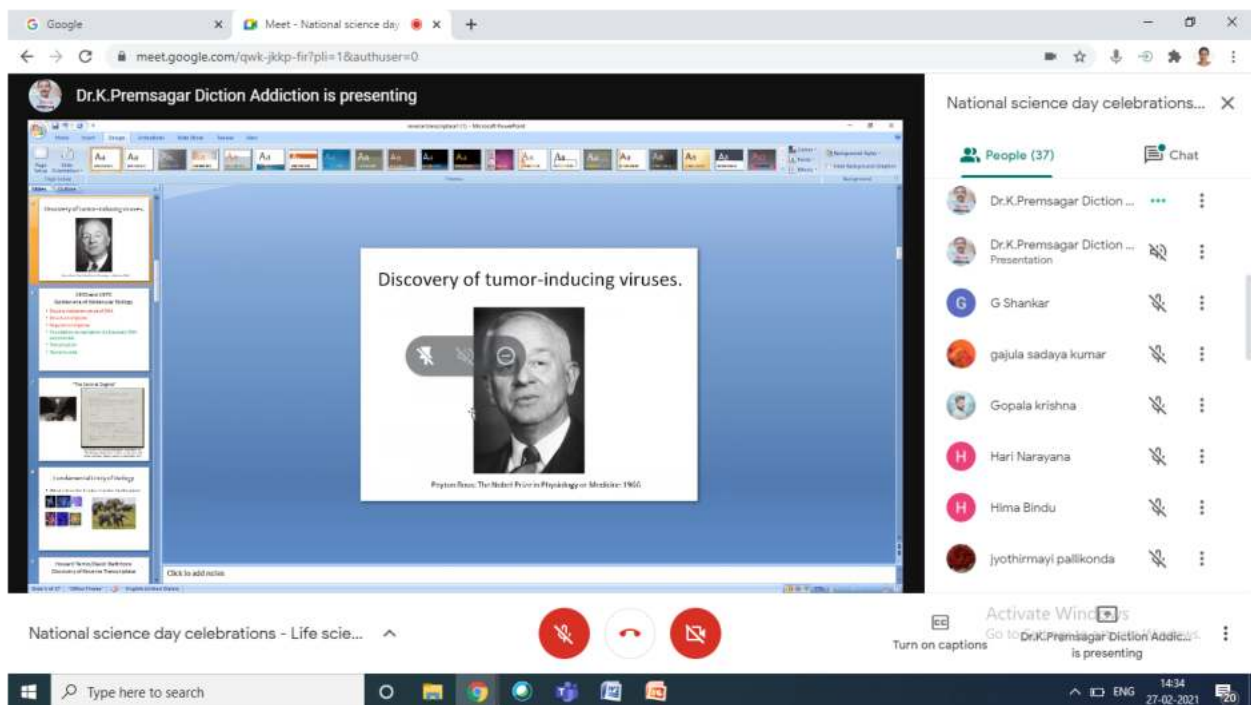
Log in Credentials: <https://meet.google.com/vpn-jmsr-htp>

Brief summary:

Understanding the flow of information is the key for survival. The central dogma of molecular biology is an explanation of the flow of genetic information within a biological system. It is often stated as "DNA makes RNA, and RNA makes protein", although this is not its original meaning., he stated that states that once "information" has passed into protein it cannot get out again.

The interactive session was briefly regarding various advanced molecular biology techniques like PCR, Restriction digestion, ligation, transformation and cloning.

The article regarding the Defining the Dogma was shared with the students and analysed critically.



The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Discovery of tumor-inducing viruses." featuring a portrait of Peyton Rous and the text "Peyton Rous: The Nobel Prize in Physiology or Medicine: 1955." The slide is part of a presentation by Dr.K.Prem Sagar. The right sidebar shows a list of participants, including Dr.K.Prem Sagar Diction..., G Shankar, gajula sadaya kumar, Gopala krishna, Hari Narayana, Himma Bindu, and jyothirmayi pallikonda. The bottom of the screen shows the Windows taskbar with the search bar and system tray.

