



One Day National Webinar
on
“EFFECTS OF GLOBAL WARMING
AND CLIMATE CHANGE”
12th November, 2021
10.30 AM to 12.00 Noon



Organized by
DEPARTMENTS OF PHYSICS & CHEMISTRY
Sri DNR Govt. Degree College (W), PALAKOL
In Association with IQAC



DNR



Government Degree College (W)

**Behind Municipal Office, PALAKOL
West Godavari, Andhra Pradesh 534260**

National Webinar on

" Effects of Global Warming and Climate Change"

Date 12-11-2021

Time : 10.30 AM to 12.00 Noon

INVITED SPEAKER



Dr G.Ch. Satyanarayana

**M.Sc., B.Ed., Ph.D.,
Associate Professor**

WHO CAN ATTEND?

- ✦ Faculty and Scholars from all the disciplines.

WEBINAR TIMINGS

- ✦ 10.30 AM to 12.00 Noon

NO REGISTRATION FEE

- ✦ Selection of participants will be based on first come first serve, since the number of participants is limited to 600.

MODE OF DELIVERY

- ✦ Live web session through Zoom.

REQUIREMENTS FOR THE WEBINAR

- ✦ Desktop/Laptop/Smartphone with good Internet speed and necessary data pack.

CERTIFICATE

- ✦ E-Certificate shall be provided to all participants.

REGISTRATION LINK

Registration link <https://forms.gle/ryF2aTRiwhD491mZA>

Organised by

Departments of Physics and Chemistry

ONE DAY NATIONAL WEBINAR
ON
**EFFECTS OF GLOBAL WARMING
AND CLIMATE CHANGE**

PROGRAM SHEET

DAY: 12-11-2021

**COMMENCEMENT OF THE WEBINAR:
10.30 AM – 12.00 Noon**

Convener's opening Remarks - **Dr Sailaja Gadamsetti**, Coordinator & Lecturer in chemistry, Sri DNR Govt. Degree College, Palakol

Chairman's Greetings - **Sri C Ravi Sankar**, Vice Principal, Sri DNR Govt. Degree College, Palakol.

Introducing the Chief Guest-**Dr.L. Malleswara Rao**, Organising Secretary, Convenor & Lecturer in Physics, Sri DNR Govt. Degree College, Palakol.

Resource Person- **Dr.G. CH.SATYANARAYANA,**
Associate Professor (Research Scientist),
Centre for Atmospheric Sciences,
K L University, Vaddeswaram, Guntur

Vote of Thanks - **Dr .R.Shredevi**, Lecturer in Hindi, Sri DNR Govt. Degree College, Palakol.



SRI DASARI NARAYANA RAO GOVERNMENT DEGREE COLLEGE FOR WOMEN, PALAKOL



PRINCIPAL'S MESSAGE

Education is not only a goal in itself, but it is also a strong carrier of social change. A good teacher found in life also has the ability to transform a single student into an ideal citizen. It is a matter of great pleasure that the Sri DNR Governemnt Degree College for Women, Palakol has given its students an opportunity to create a universal personality-building and earned reputation as an innovative organization in promoting educational quality. Focusing on exam results and continuous improvement in infrastructure, focusing on the latest teaching-learning methods and training of teachers- all these tips have played an important role in establishing the organization on the top of all other educational institutions and making excellent 'brand'.

Keeping in view the changing situation, it has become important today that the expansion of knowledge is not only in terms of teaching and methodology but also in the context of the depth of the subject. In the context of falling moral values of the younger generation, it is necessary to accept that proper devotion towards education should be generated and teachers should be given reasonably respect in society. I would like to mention here that the roots of a creative society are only in the strong education system. The courses are so that the students should be able to provide them rich and varied references to knowledge. The primary objective of the lake and to teacher develop a creative and analytical abilities as well as skills students to education to be the best man with Positive thinking skills and to be able to participate in the task of nation building. The work of excellent teachers is to encourage the 'ordinary people' to make extraordinary efforts.

Principal

Dr. P. Sobha Rani

**M.A,M.Phil,Ph.D,PGDTE.,
Sri DNR GDC (W), Palakol.**

INTRODUCTION OF WEBINAR

Global warming refers to climate change that causes an increase in the average of Earth's temperature. Natural events and human influences are believed to be top contributions towards the increase in average temperatures. Global warming is a rise in the surface and atmospheric temperature of the earth that has changed various life forms on the earth. The issues that ascertain global warming are divided into two broad categories – “natural” and “human influences” of global warming.

The Effect of Global Warming:

The impact that global warming is causing on earth is extremely serious. There are many hazardous effects that will happen in the future if global warming continues. It includes melting of polar ice caps, leading to an increase in sea level drowning coastlines and slowly submerging continents.

Recent studies by National Snow and Ice Datacenter “if the ice melted today the seas would rise about 230 feet”. Another effect is climate change leading to the extinction of various species. More hurricanes, cyclonic storms, heat waves, drought, and extreme rainfalls will occur causing disaster to humankind.

10 Important Points About Global Warming and Climate Change:

1. Global warming refers to the heating up of Earth due to human activities
2. The Ozone layer protects us from harmful UV rays
3. The Ozone layer is depleting by the day, because of toxic gases and fumes produced on Earth (mostly by humans)
4. The primary cause of global warming is the greenhouse effect, i.e., the entrapment of greenhouse gases between the Ozone layer and the surface of the Earth, creating more heat by the day
5. Sources of greenhouse gases include CFCs, burning of fossil fuels (such as to power engine vehicles), agriculture (methane produced by farm animals), factory fume emissions, etc.

6. Due to global warming, there have been several natural disasters, such as forest fires, cyclones, etc.
7. The sea levels are rising by the day because the planet is getting hotter, which is dangerous as it has submerged many lands.
8. It is imperative to stop global warming and climate change or try our best to curb it.
9. Using public transport instead of private vehicles per person is an alternative to try out to help curb global warming.
10. It is essential to spread awareness about global warming and climate change.

India is extremely vulnerable to the impact of climate events. Every year, it faces extreme weather events in the form of floods and cyclones, which take lives, destroy homes and agriculture yields, and results in huge revenue losses. The ocean is crucial to natural equilibriums which enable life on our planet. The importance of the ocean in climate regulation places it at the peak of climate change. One of the earliest and most noticeable changes detected as a result of recent global warming's has been an increase in extreme weather events. Over the last half century, weather patterns become more variable, with more frequent and more intense rainfall events. Further more recent analysis of tropical cyclones found that their destructive power (a function of storm duration and peak winds) has more than doubled since the 1970s, and the frequency of large and powerful storms had increased, and that these changes correlated with ocean warming will most likely have far greater health and ecological consequences than the warming itself. Hence it is right time to have a high level debate on mitigating the extreme weather events associated with the changing climate. This conference is supposed to be a platform to discuss the issues related to the effect of climate change on Indian ocean

Introduction of Resource Person Dr. G China Satyanarayana

It is my pleasure to introduce Dr. G. China Satyanarayana, invited speaker for today's programme, National webinar on "Effects of Global Warming and Climate change."

Dr. China Satyanarayana is hailed from Medicharla Palem, E.G.Dt. He is presently serving Koneru Lakshmayya University, Vaddeswaram, Guntur since April 2015 as Associate Professor in Centre for Atmospheric Science. He is expertise in the research areas like Numerical Weather Prediction, Climate change, Tropical cyclones, Monsoon Studies, Wind energy, Air quality modelling and risk assessment, Disaster risk assessment and management and Extreme weather events like Heat waves, Thunderstorms, Heavy Rainfall Events

He was awarded Ph.D. by Andhra University, Visakhapatnam, Andhra Pradesh where he completed his Post Graduation also. He got B.Ed. degree in Physical Science in the year 2007 from Miriam College of Education, Amalapuram, E.G. Dt.

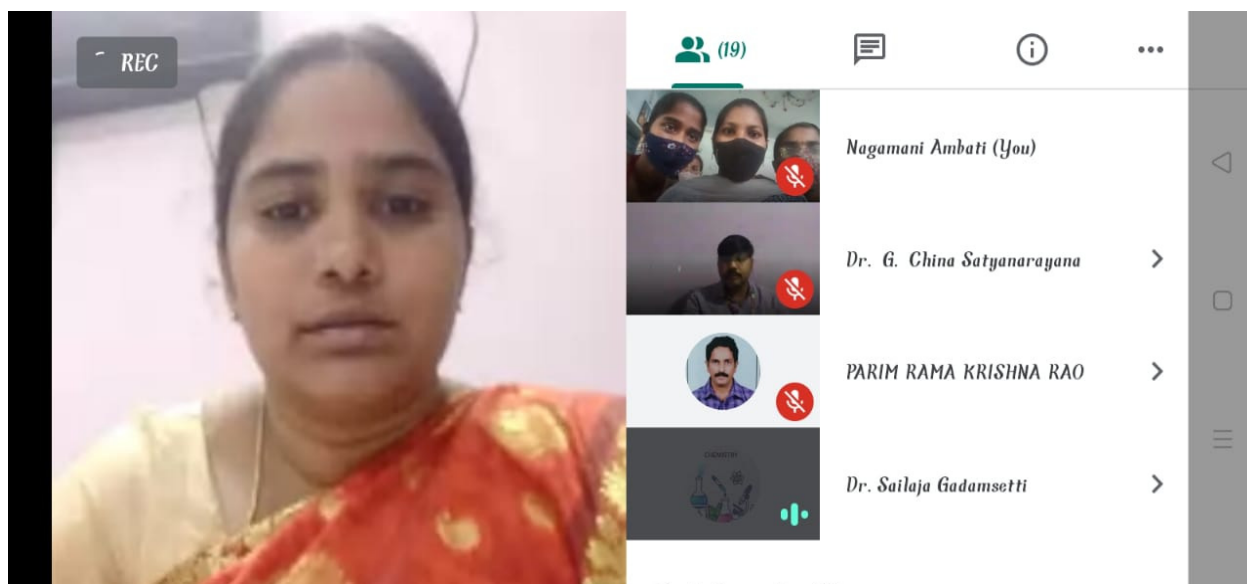
Before joining the present position, he worked as Project Scientist-C for two years in National Centre for Medium Range Weather Forecast (NCMRWF), Ministry of Earth Science, Govt. of India, Noida. At the beginning of his professional career, he served SBMM Degree college, Allavaram, East Godavari district, Andhra Pradesh, India.

He performed research work for more than two years in the Department of Meteorology and Oceanography, Andhra University, Visakhapatnam as Junior Research Fellow. He also performed many research activities as Senior Research fellow through Central Research Institute for Dry-land Agriculture (CRIDA), Government of India, Santhosnagar, Hyderabad for one year and through Dept of Meteorology and Oceanography, Andhra University, Visakhapatnam for another year. He worked as Research Associate for few months in Indian Institute of Tropical Meteorology (IITM), Pune, India. He served National Atmospheric Research Laboratory (NARL), Department of Space, Government of India, Gadanki, as Research Associate for one year.

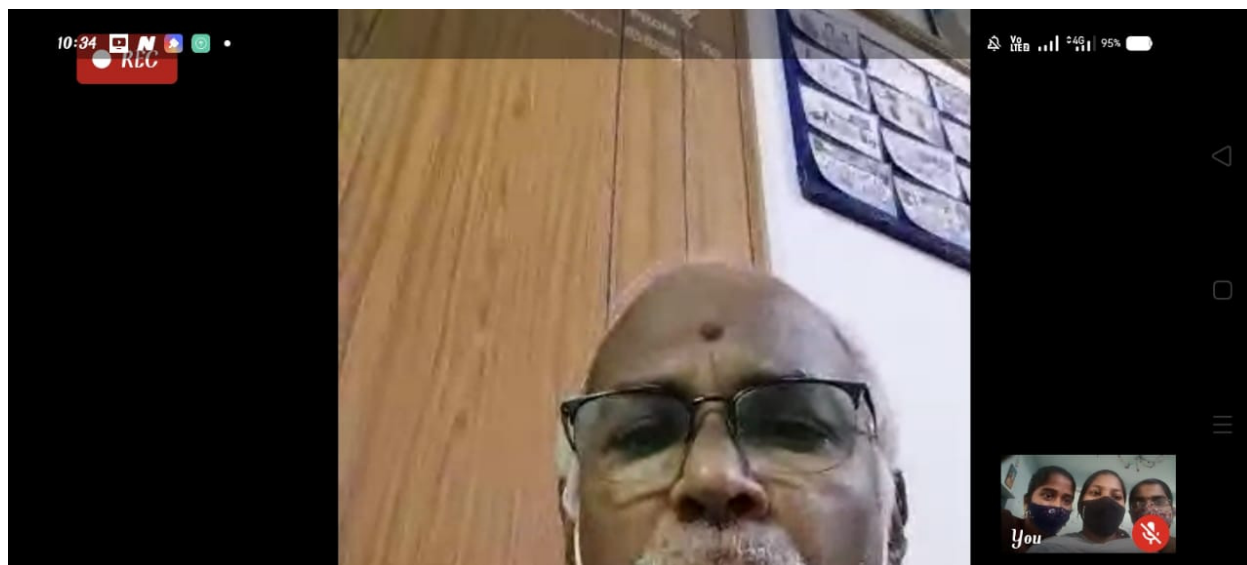
He received numerous honours and awards, a few of them are Award of Excellence in Research by Novel Research Academy, Puducherry, India for the year 2020, Excellent Scientist Award by Andhra Pradesh Akademi of Science, India for the year 2019 and Early Research Career Awards by SERB, Govt. of India for the years 2016-2021. He has memberships in so many eminent organizations. He is Life Member of Association of Agro meteorologists (LM 630), Life Member of Indian Meteorological Society (IMS) (LM-3044), Life membership as Associate Fellow of A.P. Akademi of Sciences etc.

At last, I am delighted to mention that 'The weather prediction data' is generated at 3KM resolution and made available to public through K L University web portal "<http://www.kluniversity.in/weathermatics>", which is the effort of our invited speaker only. I thank the organizers for giving me this opportunity.

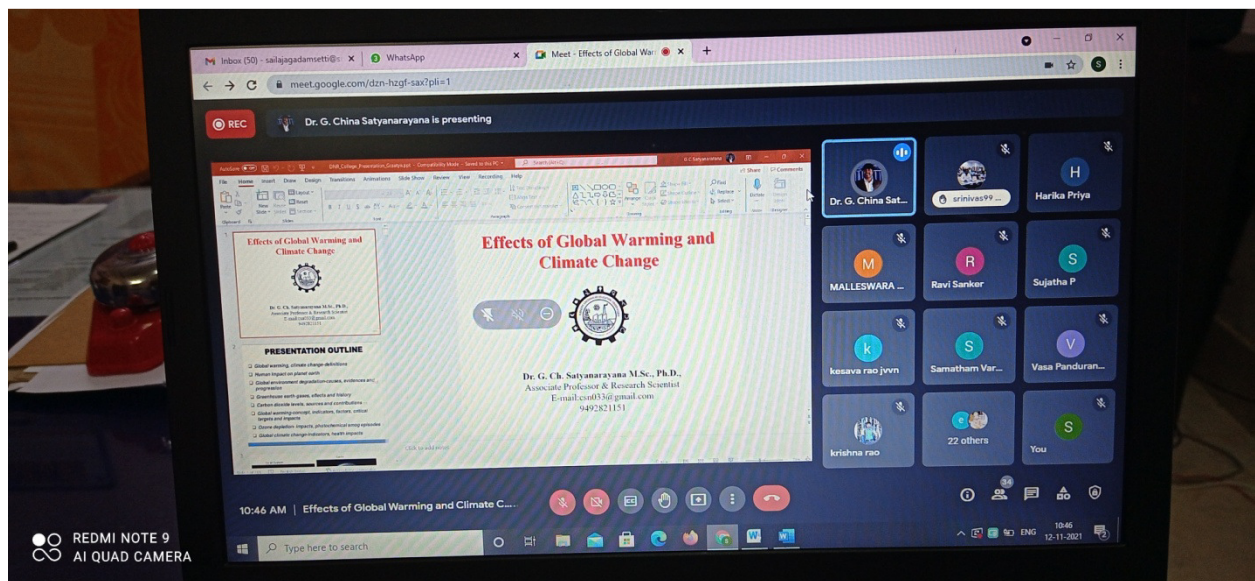
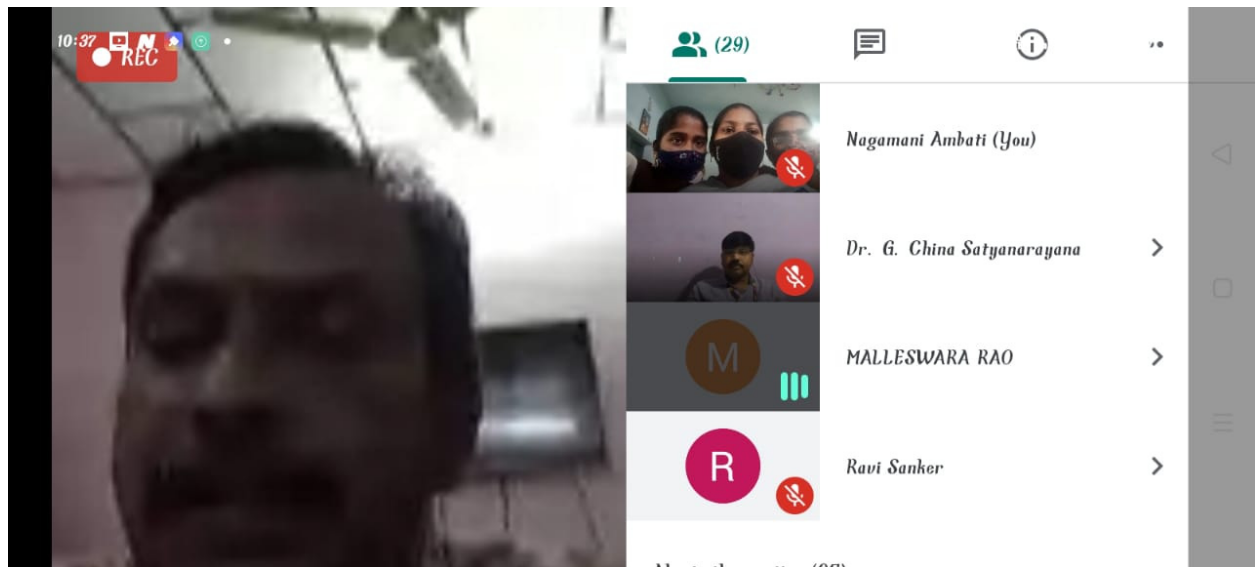
WEBINAR



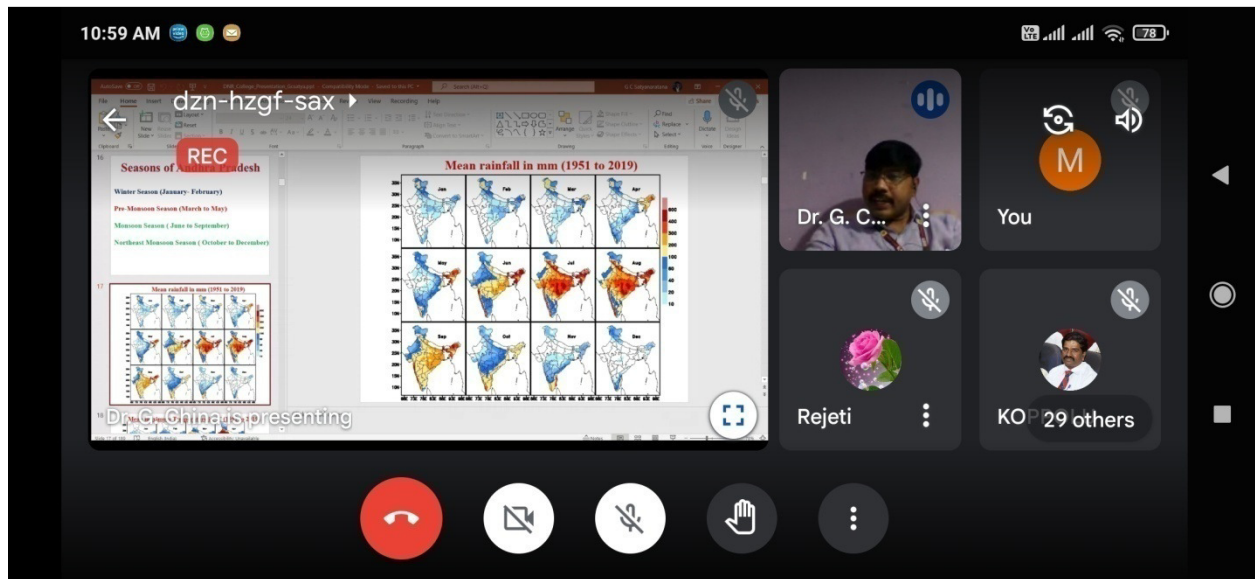
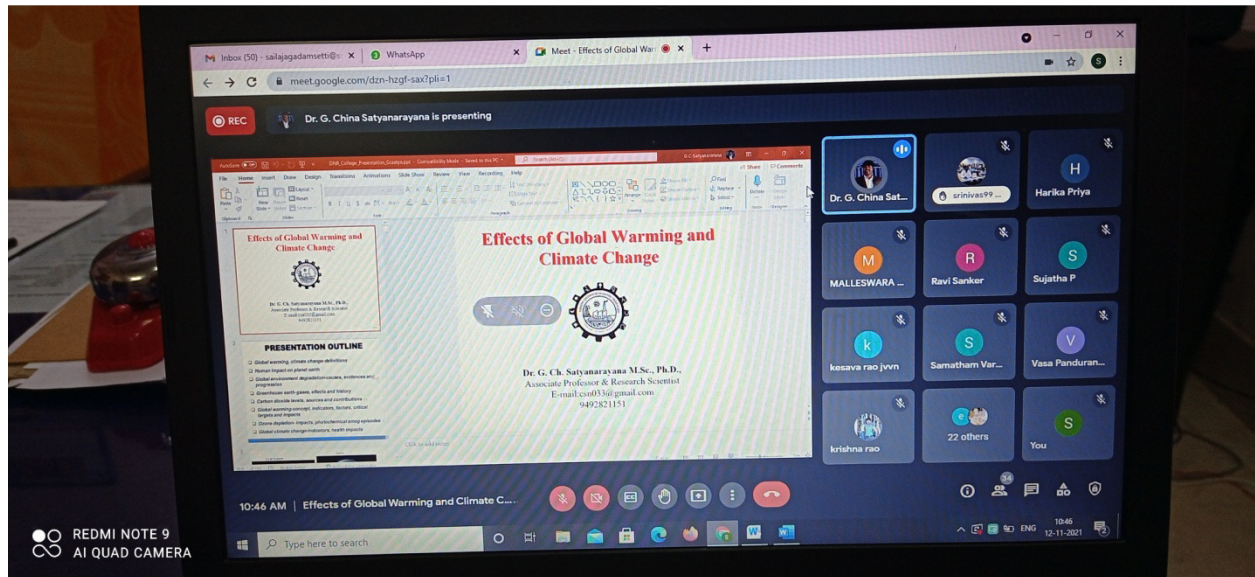
Coordinator's opening Remarks By **Dr Sailaja Gadamsetti**, Coordinator & Lecturer in chemistry, Sri DNR Govt. Degree College, Palakol



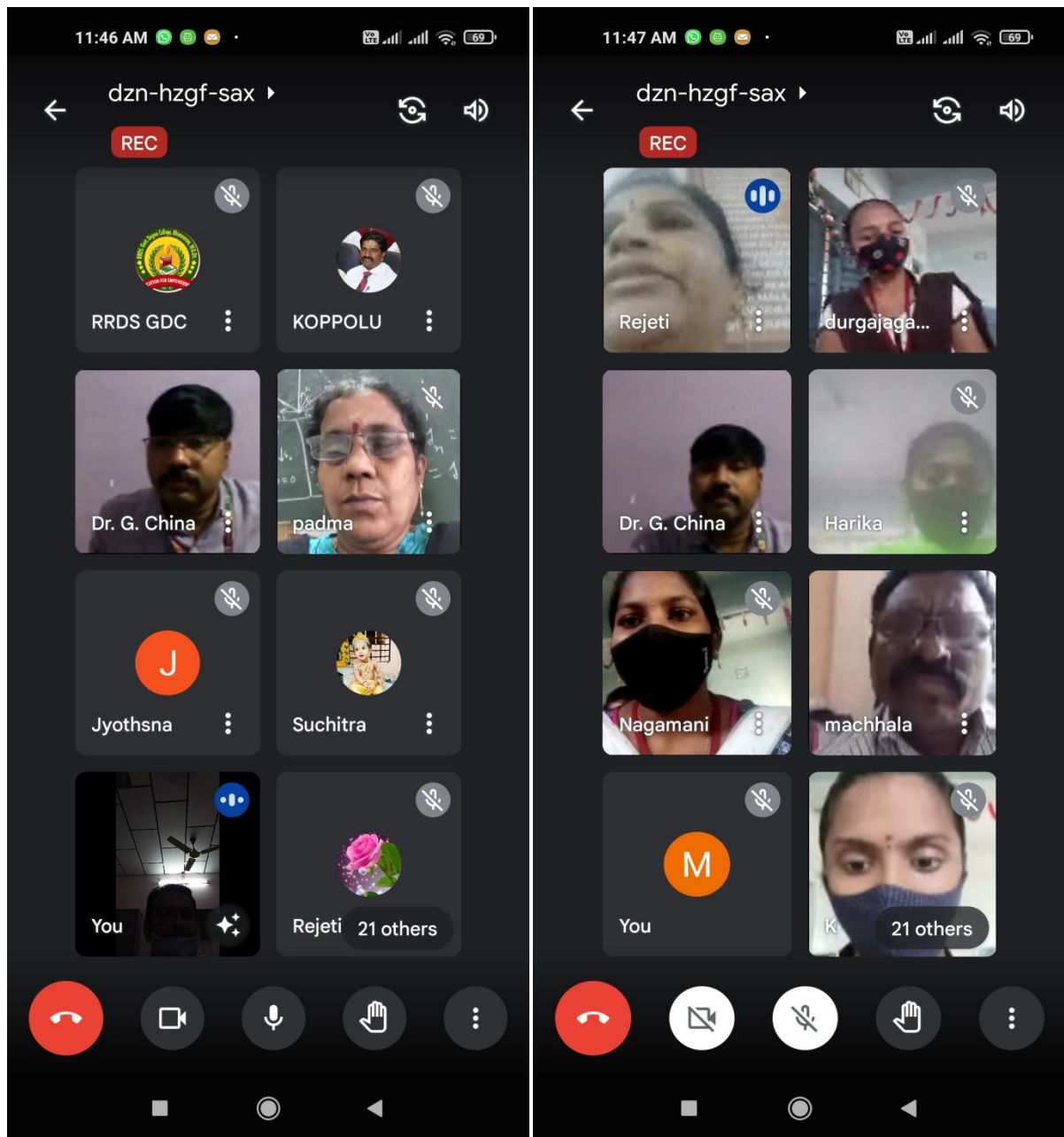
Chairman's Greetings and Webinar Introduction By **Sri C Ravi Sankar**, Vice Principal, Sri DNR Govt. Degree College, Palakol.



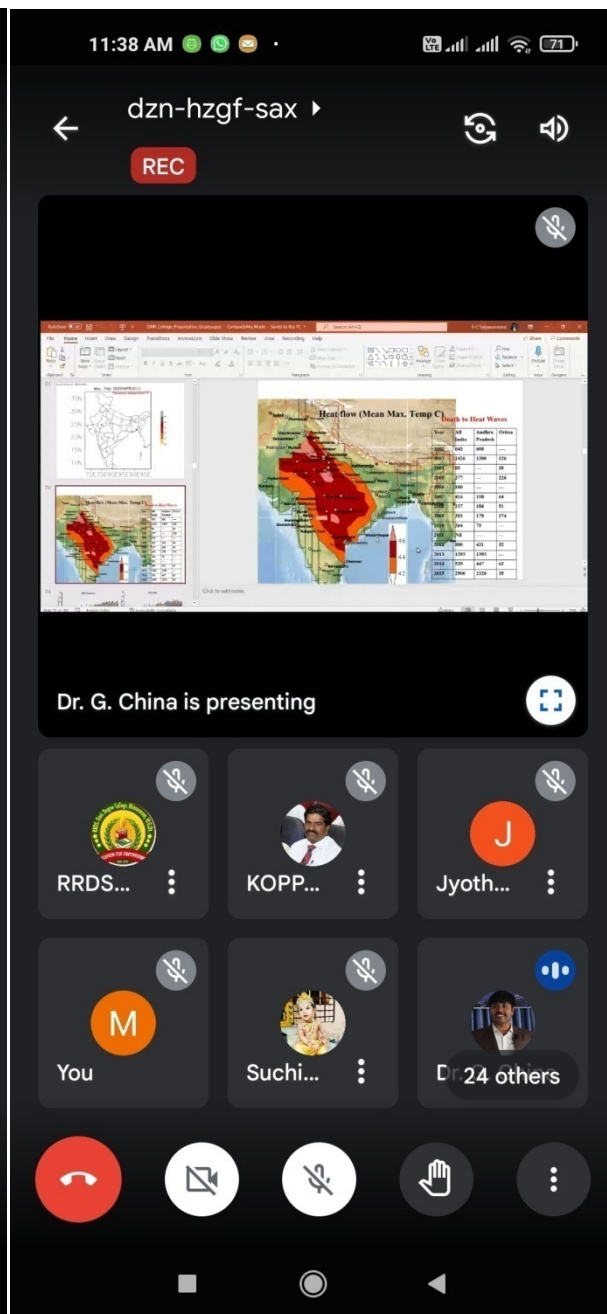
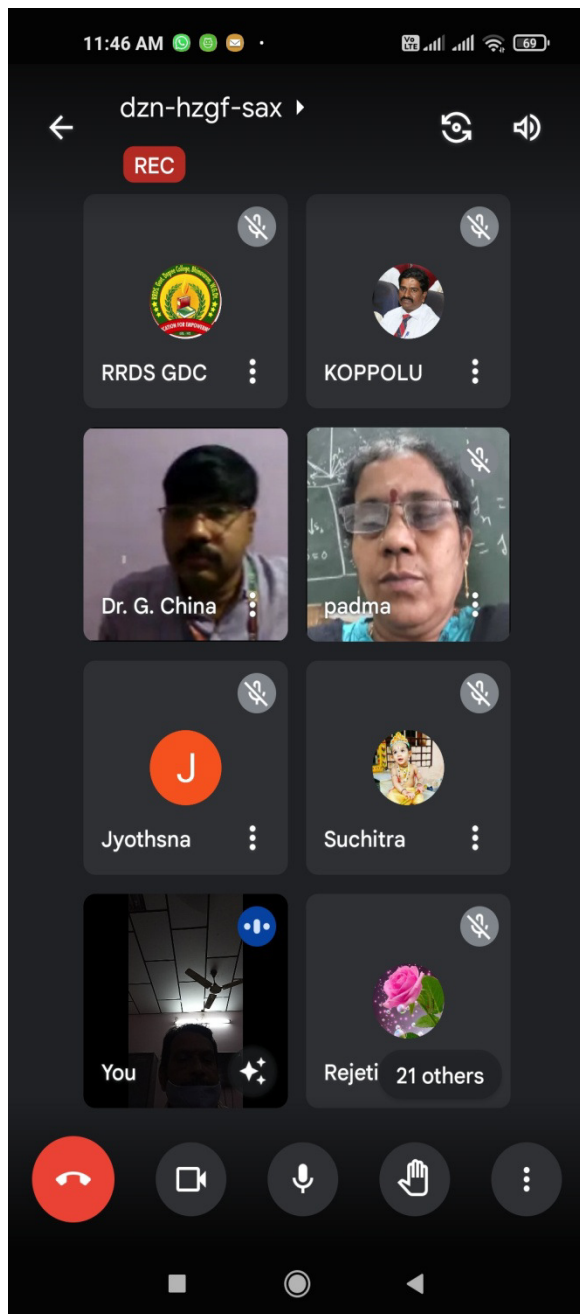
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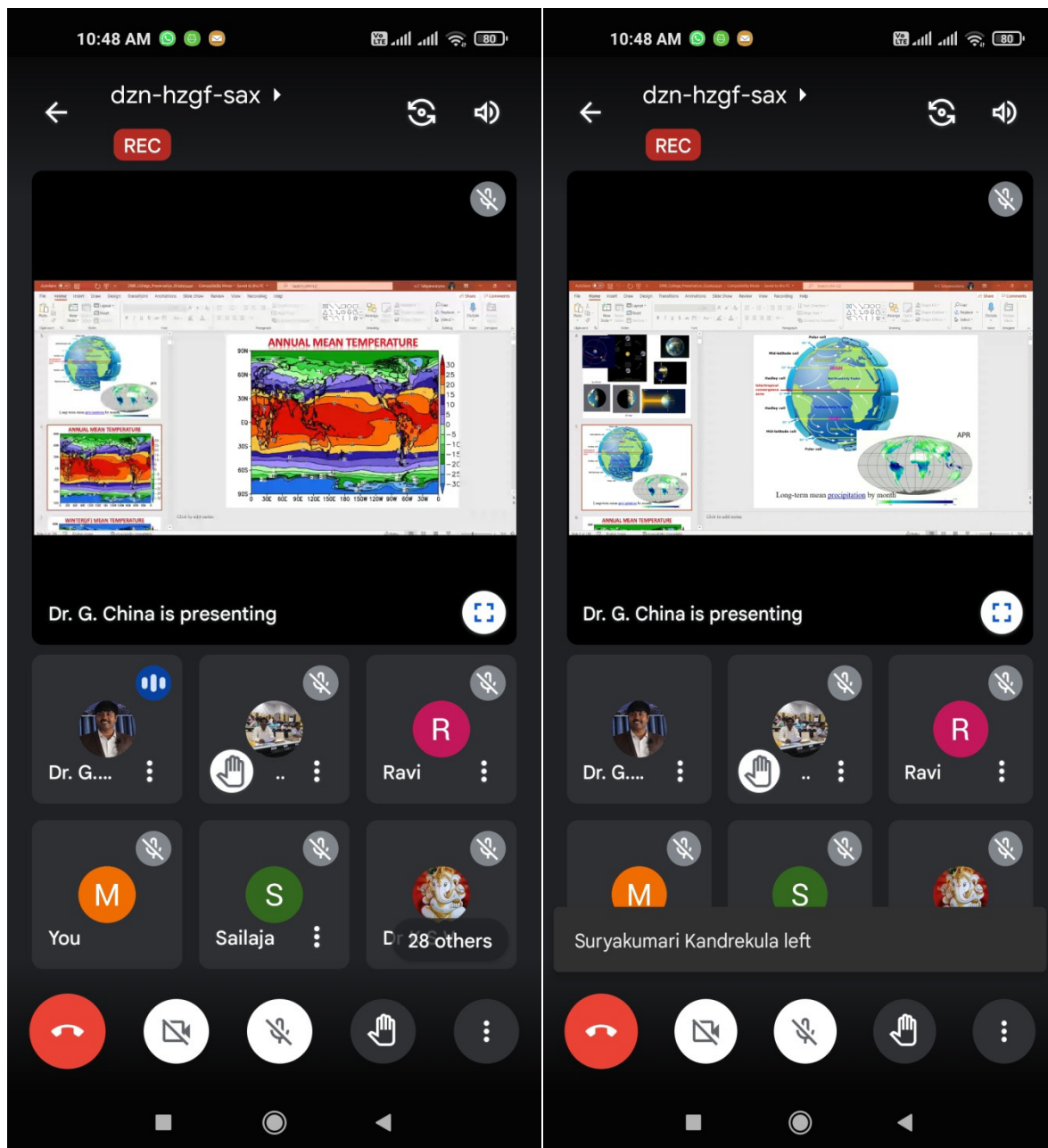
Resource Person **Dr.G.Ch. Satyanarayana** Explaining about “Effects of Global Warming and Climate Change “ to the participants.



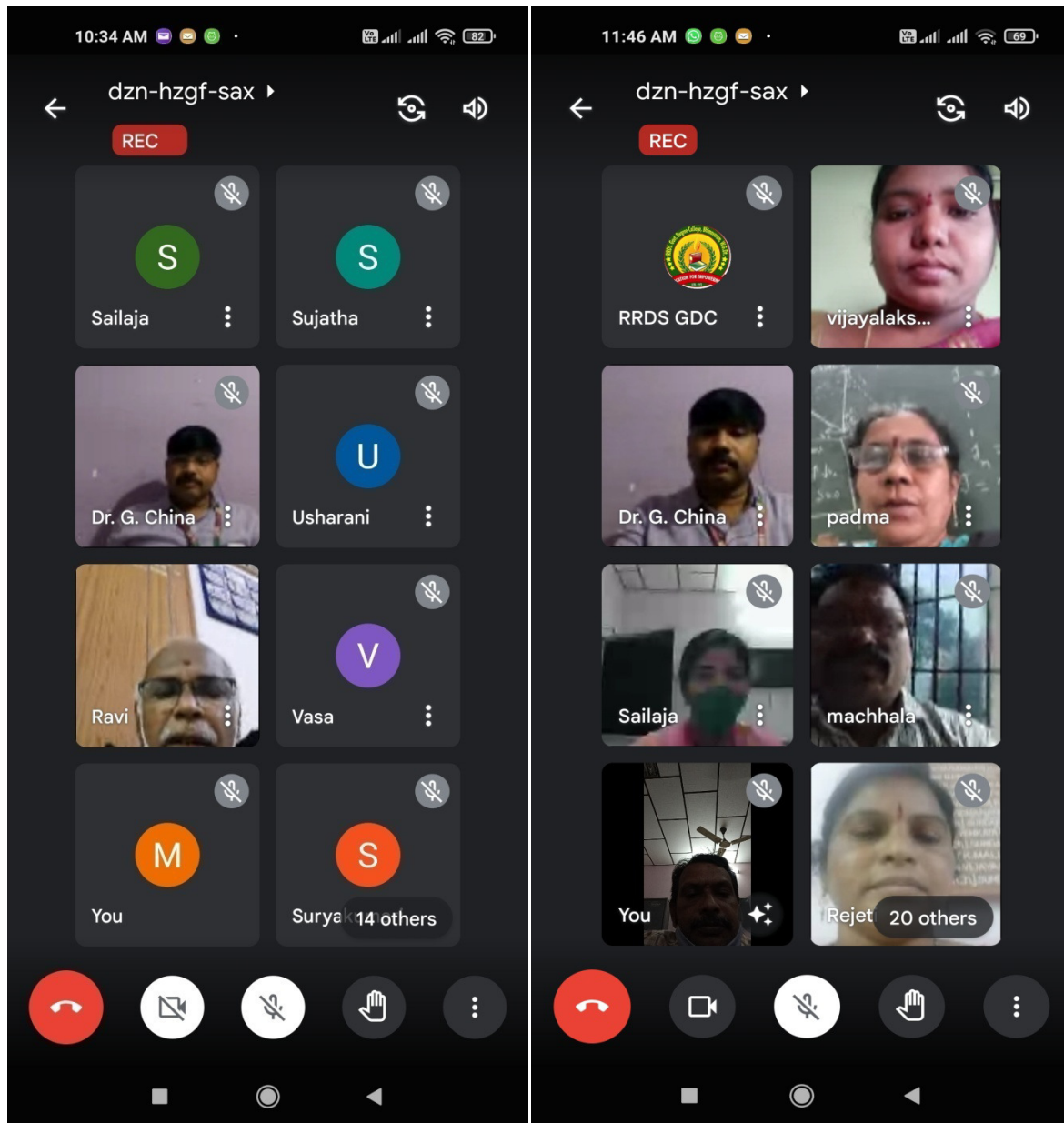
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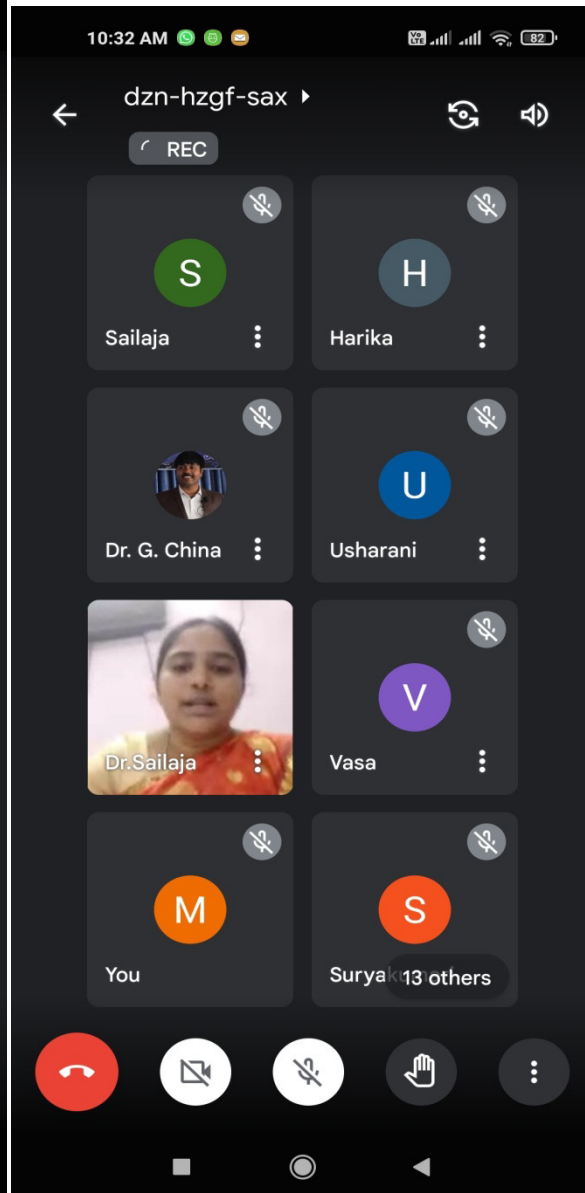
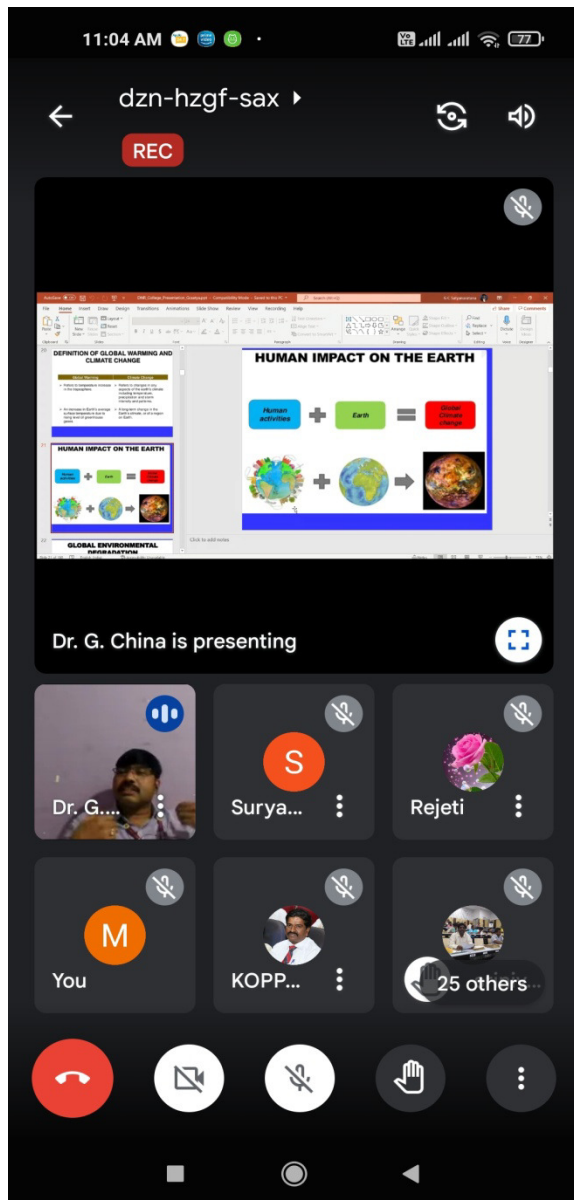
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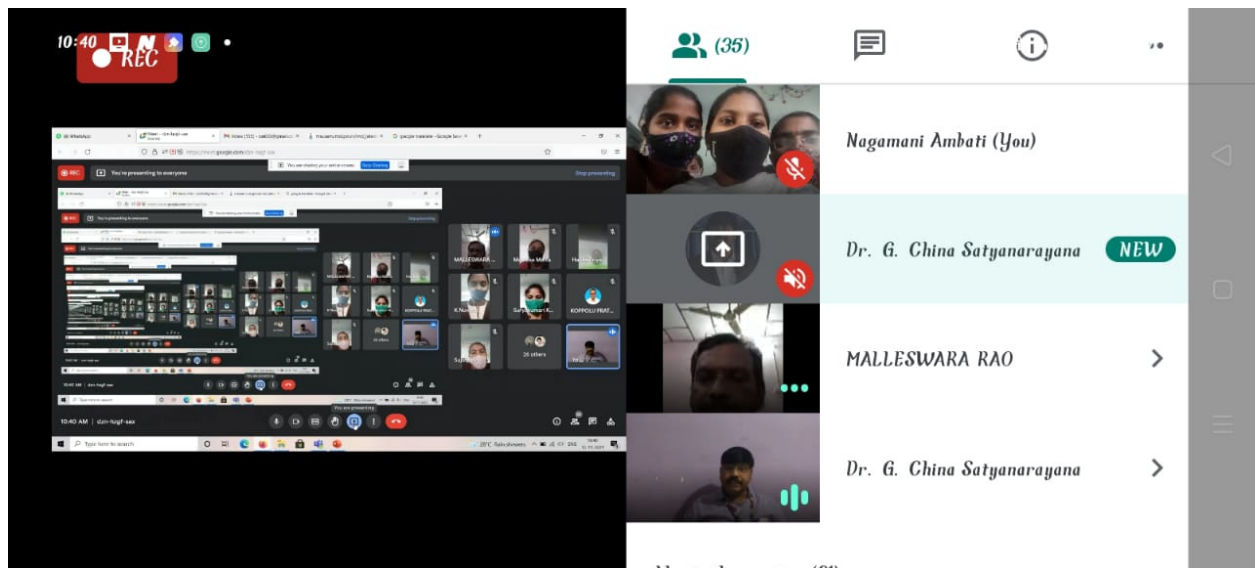
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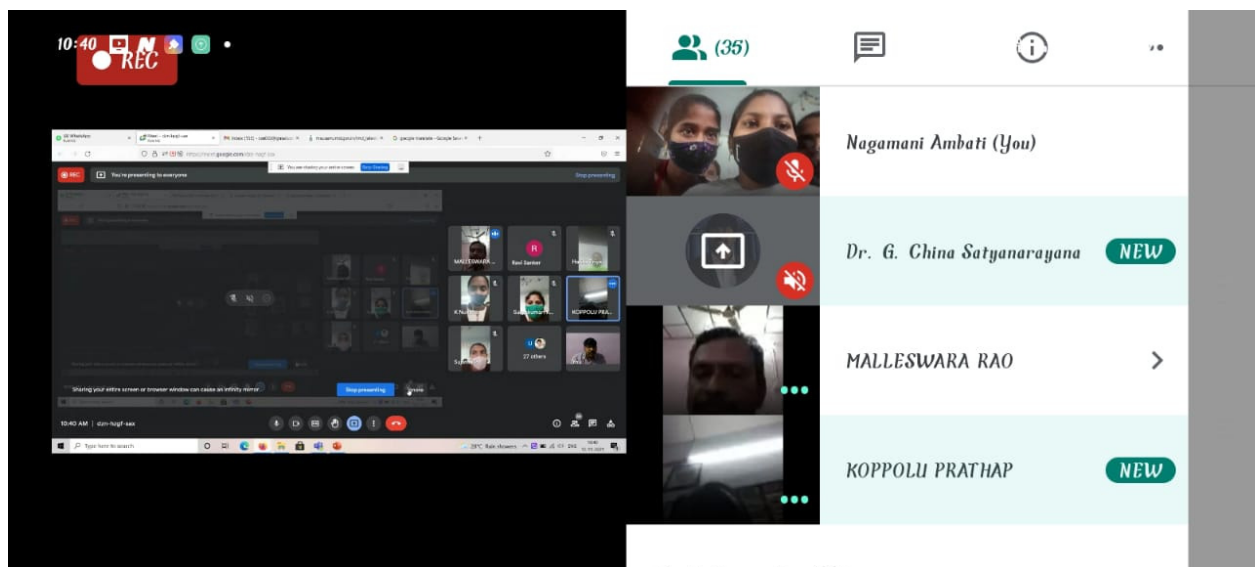
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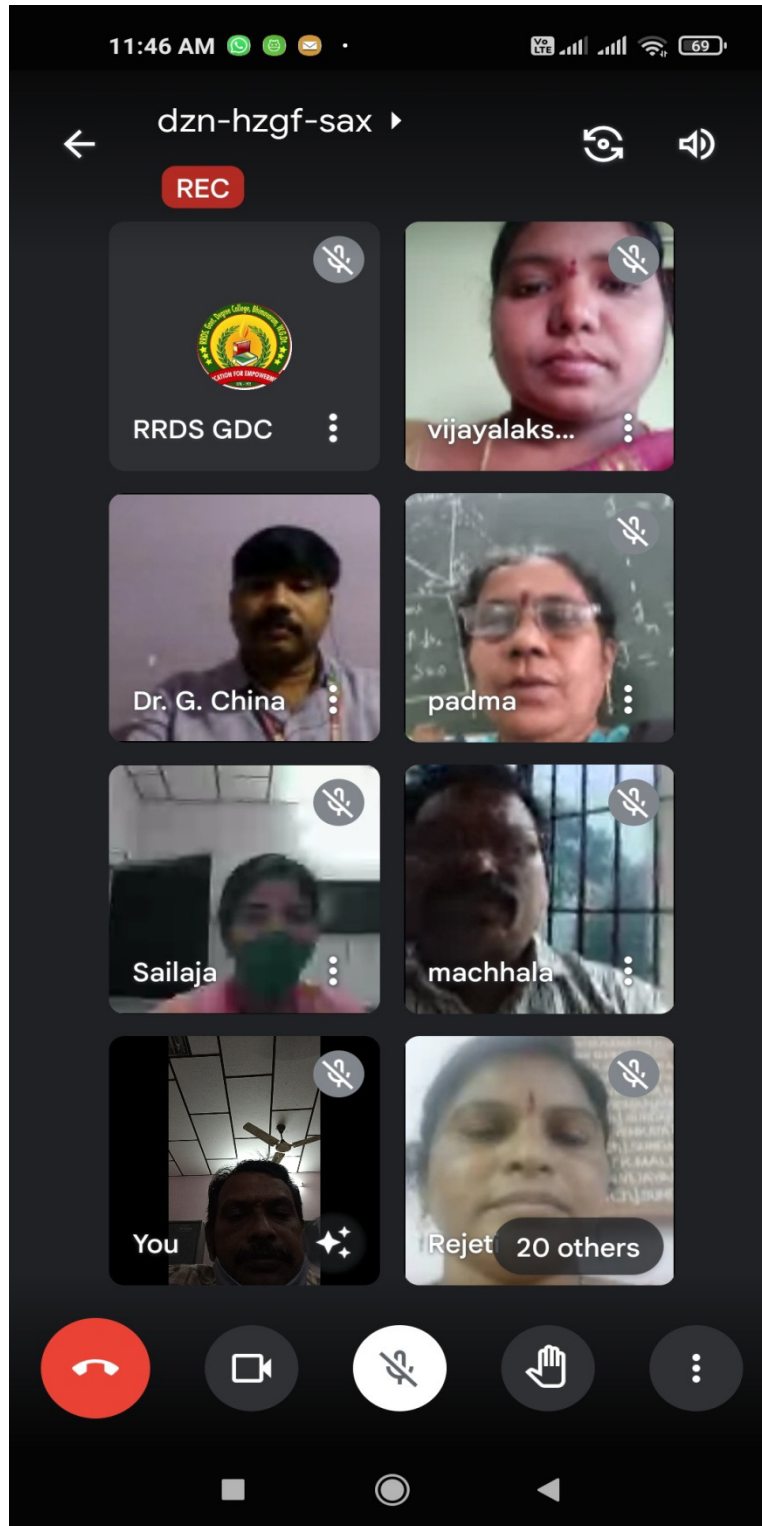
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Resource Person **Dr.G.Ch. Satyanarayana** Explaining about “Effects of Global Warming and Climate Change “ to the participants.



Resource Person **Dr.G.Ch. Satyanarayana** Explaining about “Effects of Global Warming and Climate Change “ to the participants and 362 members Registered & Participated in the Webinar



Vote of Thanks by **Dr Sreedevi**, Lecturer in Hindi, Sri DNR GDC (W), Palakol



**III BSc Students Participated in One Day National Webinar at Sri DNR
Govt. Degree College (W), Palakol**

6:12 PM

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Sri DNR Government Degree College (W), Palakol- One Day National Webinar on "Effects of Global Warming and Climate Change" on 12-11-2021 at 10.30 A.M

REGISTRATION

malleshlync1966@gmail.com [Switch account](#)

* Required

6:12 PM

Name of the Participant *

Your answer

Designation *

Your answer

Department *

Your answer

College/University/Institution *

Your answer

City and State *

Your answer

Registration form of Participants

6:10 PM

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Feedback form for
One day National
Webinar on " Effects
of Global Warming
and Climate Change"
conducted by
Departments of
Physics and
Chemistry, Sri DNR
GDC (W), Palakol on
12-11-2021 at 10.30
A.M

For E-certificate

Email *

Your email

Name *

Your answer

Institution *

Your answer

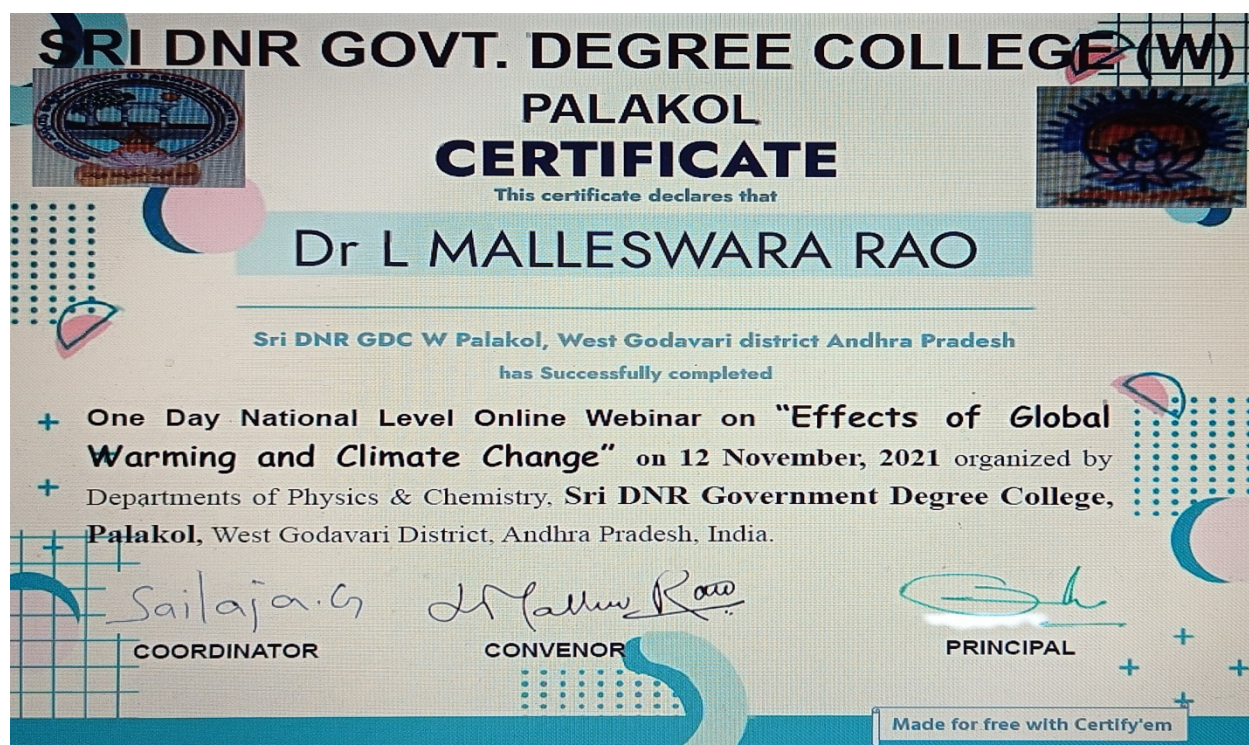
District and State *

Your answer

WhatsApp Number *

Your answer

Feedback form of Participants



Participation certificate

CONCLUSION

The one day national Webinar on “Effects of Global Warming and Climate Change” was conducted by Departments of Physics & Chemistry of Sri DNR Government Degree College (W), Palakol on 12th November, 2021 successfully. One eminent personality from Meteorology and Oceanography field attended as resource person and enlightened the delegates, students, staff and all the participants.

About 362 delegates, Staff of various colleges and students registered & participated for the webinar in and around Andhra Pradesh. The Principal Dr P.Sobha Rani & Vice Principal Sri C. Ravi Sankar and participants expressed gratefulness for the performing the webinar in a pleasurable manner. The students of our and other colleges interacted with the resource person and benefitted and got awareness of the present scenario about the climatic changes which is a serious and alarming issue.