



SGT UNIVERSITY GURUGRAM
FACULTY OF AGRICULTURAL SCIENCES (FASC)

Website: sgtuniversity.ac.in

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Dated: 19.12.2022

**Report of webinar on Resilient Climate Change and Its Impact on
Cropping Pattern, Production and Quality in Crops**

Organized by: Agro Club Academic Association of Faculty of Agricultural Sciences

Date: 19 Dec, 2022

Time: 11:30 AM to 01:00 PM

Venue: Room No. 316, FASC, SGT University

Coordinator: Dr. Khushboo Chandra, Ph.D. in Genetic and plant breeding, Assistant Professor

Key Speaker: Dr. M.N. Arun, Chief Technical Officer (Agronomy), ICAR - Indian Institute of Rice Research, Hyderabad

Introduction:

A webinar was organized by Dr. Khushboo Chandra and Dr. Heena under Agro club association of Faculty of Agricultural Sciences, SGT University on topic “Resilient Climate Change and Its Impact on Cropping Pattern, Production and Quality in Crops” by Key Speaker Dr. M.N. Arun, Chief Technical Officer (Agronomy), ICAR - Indian Institute of Rice Research, Hyderabad on 19th of December 2022 at 11:30 am onwards. There were 90 participants from different sections like Undergraduates, Post graduates, PhD scholars and faculty members. The brief Introduction and welcome of Guest speaker was done by Dr. Pooja Pant.

Dr. M.N. Arun during his talk said that Agriculture and climate change are internally correlated with each other in various aspects as climate change is the main cause of abiotic stresses which has adverse effect on agriculture. The land and agriculture are being affected by climatic changes in different ways like variations in global rainfall pattern, global warming, heat waves global change of atmosphere carbon-di-oxide and ozone and methane gas emission levels and fluctuation in sea level. Climate -resilient agriculture is an approach that includes sustainability using existing natural resources through crop production systems to achieve long term higher productivity and farm income under climate variability's. Climate changes affect agriculture both directly and indirectly. Dr. Arun explained how the climate change is expected to reduce yield by 30 percent due to low productivity and crop failure. Climate change affects crop yields as well as the types of crops. Vote of thanks was given by Dr. Khushboo Chandra.

Arun Melekote Nagabhushan is presenting

The screenshot shows a PowerPoint presentation slide titled "Climate Change Effects On Agriculture". The slide features a central blue hexagon labeled "CLIMATE CHANGE EFFECTS ON AGRICULTURE" surrounded by six other hexagons, each representing a different effect:

- Increase weed growth and disease outbreak (orange)
- Salinization and Alkalization (grey)
- Alteration in nutrient dynamics (yellow)
- Increase moisture and drought stress (blue)
- reduced soil organic matter and fertility status (green)
- Effect on biological health of soil (orange)

The presentation is displayed in a software window with a menu bar (Home, Insert, Design, Animations, Slide Show, Review, View) and a ribbon with various tools. The status bar at the bottom of the window indicates "Slide 5 of 46", "Office Theme", and "English (India)".

The screenshot shows a Zoom meeting grid with several participants:

- Arun Melekote N... (video on)
- Heena (video off)
- Vikash Yadav (video off)
- dipesh kumar (video off)
- Shubhangi Pandey (video off)
- Deepak yadav (video off)
- Seijal Gahlan (video off)
- 19 others (video off)
- You (video on)

11:41 AM | wkz-bnzb-bjc



Screenshot of webinar

Attendance of participants

Title: Webinar on Resilient Climate Change and Its Impact on Cropping Pattern, Production and quality in Crops

Participant- 70

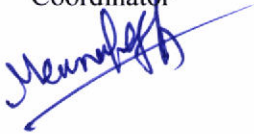
Sr. No.	Name	Attendance
1	PROF. R. S. YADAV	P
2	DR. HEENA	P
3	DR. POOJA PANT	P
4	DR. MEENAKSHI DEVI	P
5	Dr. MANJRI	P
6	DR. AMIT KUMAR	P
7	DR. SUMAN	P
8	DR. MANJEET	P
9	DR. HANSRAJ	P
10	DR. RAMESH ABHISHEK	P
11	DR. KHUSHBOO CHANDRA	P
12	DR. MEENAKSHI KUMARI	P
13	DR. MANISH KUMAR	P
14	DR. PREETI SINGH	P
15	DR. POOJA UPADHAYAY	P
16	ROHAN KUMAR	P
17	SOURABH SHARMA	P
18	ROHIT	P
19	ASHISH KUMAR YADAV	P
20	VANGALA VENNELA	P
21	PIYUSH SAINI	P
22	AKHLAQ AHMED	P

Dean
Faculty of Agricultural Sciences
Sri GGS Indraprastha University
Gurugram (Haryana)

23	TEJ SINGH	P
24	VARNIKA ARYA	P
25	RAVEENA YADAV	P
26	MAYANK	P
27	PAYAL KATARIA	P
28	POOJA	P
29	NAMITA	P
30	HIMANSHU YADAV	P
31	DEEPAK	P
32	SUBHAM	P
33	GHANSHYAM LAMBA	P
34	KUNAL KUMAR	P
35	SAVINA KHATRI	P
36	MUSKAN SINDHU	P
37	PALLAVI	P
38	GOURAV PHOUGAT	P
39	YAMAN YADAV	P
40	TARUN DAGAR	P
41	NIDHI YADAV	P
42	VIDHI	P
43	RISHITA YADAV	P
44	JYOTI RANJAN PATEL	P
45	BHAVAY BANGA	P
46	RAVIKANT	P
47	PARUL KAUSHIK	P
48	CHIMANSHETTE NAVNEET TANAJI	P

49	MS. RUDRANI	P
50	JOGINDER	P
51	PRERNA	P
52	SHAURYA KHATRI	P
53	HIMANSHU	P
54	ARYAN	P
55	JIGYASU VERMA	P
56	NAKUL KUMAR	P
57	RICHA PANWAR	P
58	MITALI	P
59	JARPULA NAVEEN	P
60	ISHIKA	P
61	YASHWANI	P
62	MUSKAN	P
63	SUCHETA	P
64	RAKHI YADAV	P
65	HARSH VASHISHTH	P
66	HIMANSHI	P
67	ABISHA BHATTA	P
68	TRIPTI	P
69	DINESH PRADHAN	P
70	KOMAL YADAV	P

Coordinator



Dean FASC


Faculty of Applied Sciences
SGT University
Gurugram (Haryana)