












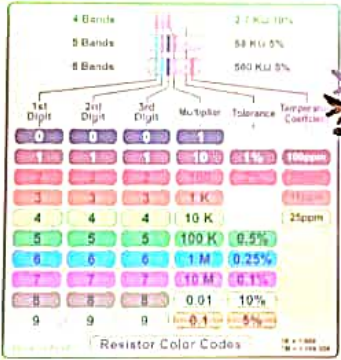


Workshop
Standardization



Breadboard

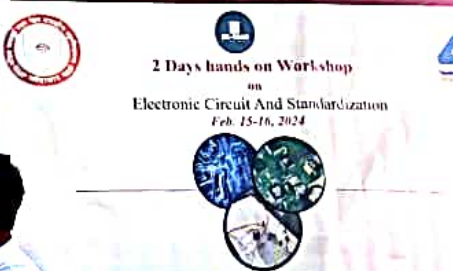
Patron
Dr. Ruchira Khullar



4 Bands	5 Bands	6 Bands	Multiplier	Tolerance	Temperature Coefficient
1st Digit: 0	1st Digit: 0	1st Digit: 0	10 ⁰	±1%	±100ppm
2nd Digit: 1	2nd Digit: 1	2nd Digit: 1	10 ¹	±1%	±100ppm
3rd Digit: 2	3rd Digit: 2	3rd Digit: 2	10 ²	±1%	±100ppm
4	4	4	10 K	±1%	±100ppm
5	5	5	100 K	±0.5%	±10ppm
6	6	6	1 M	±0.25%	±10ppm
7	7	7	10 M	±0.1%	±10ppm
8	8	8	0.01	±10%	±10ppm
9	9	9	0.1	±5%	±10ppm

Resistor Color Codes

2 Days hands on Workshop
on
Electronic Circuit And Standardization
Feb. 15-16, 2024

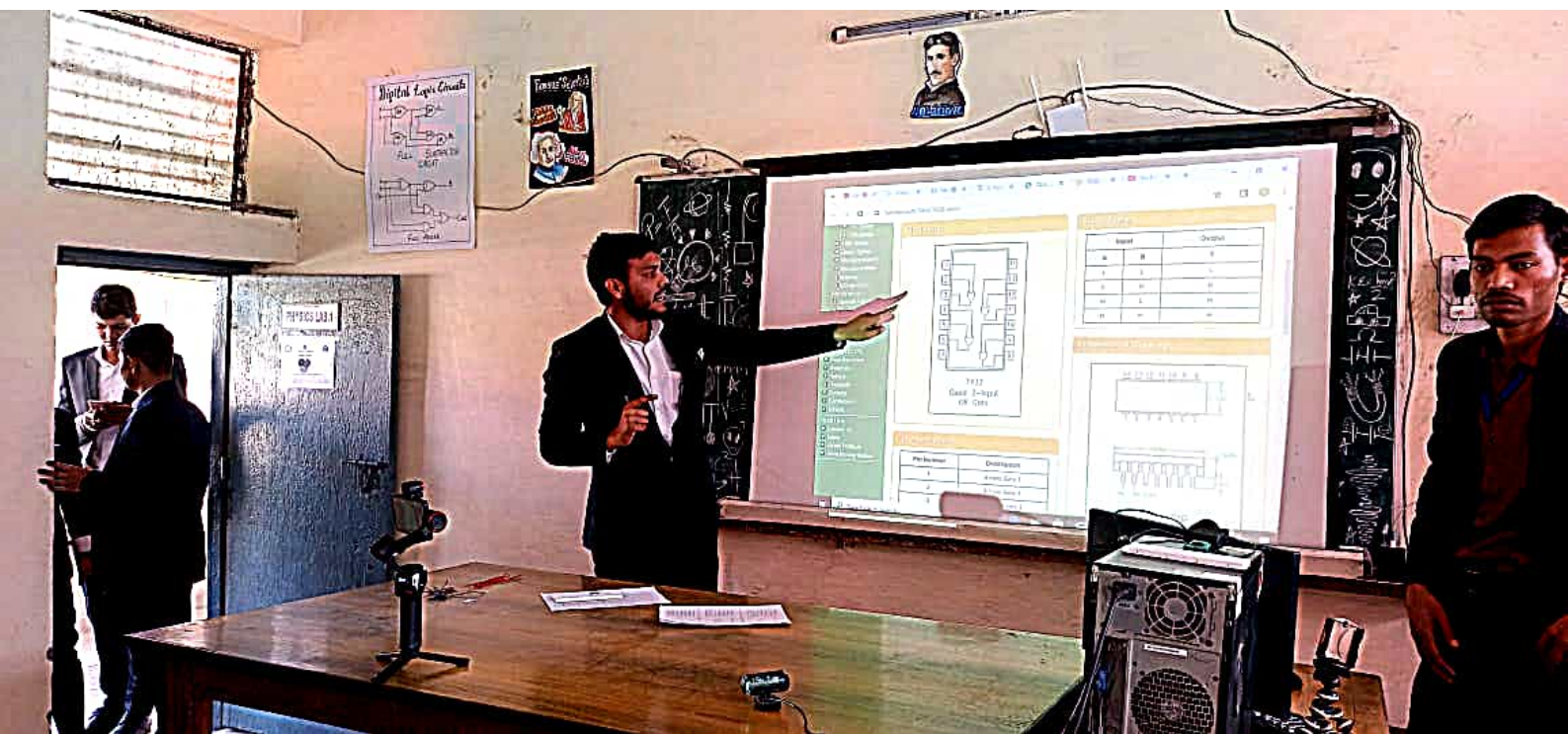


Hands On Learning On Breadboard

Patron
Dr. Ruchira Khullar

Organizer
Dr. Arun JaiN













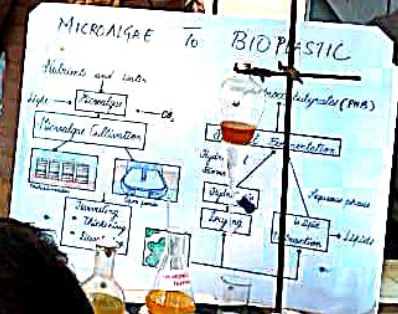
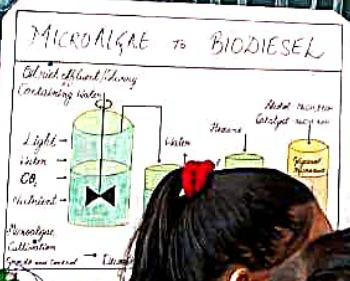


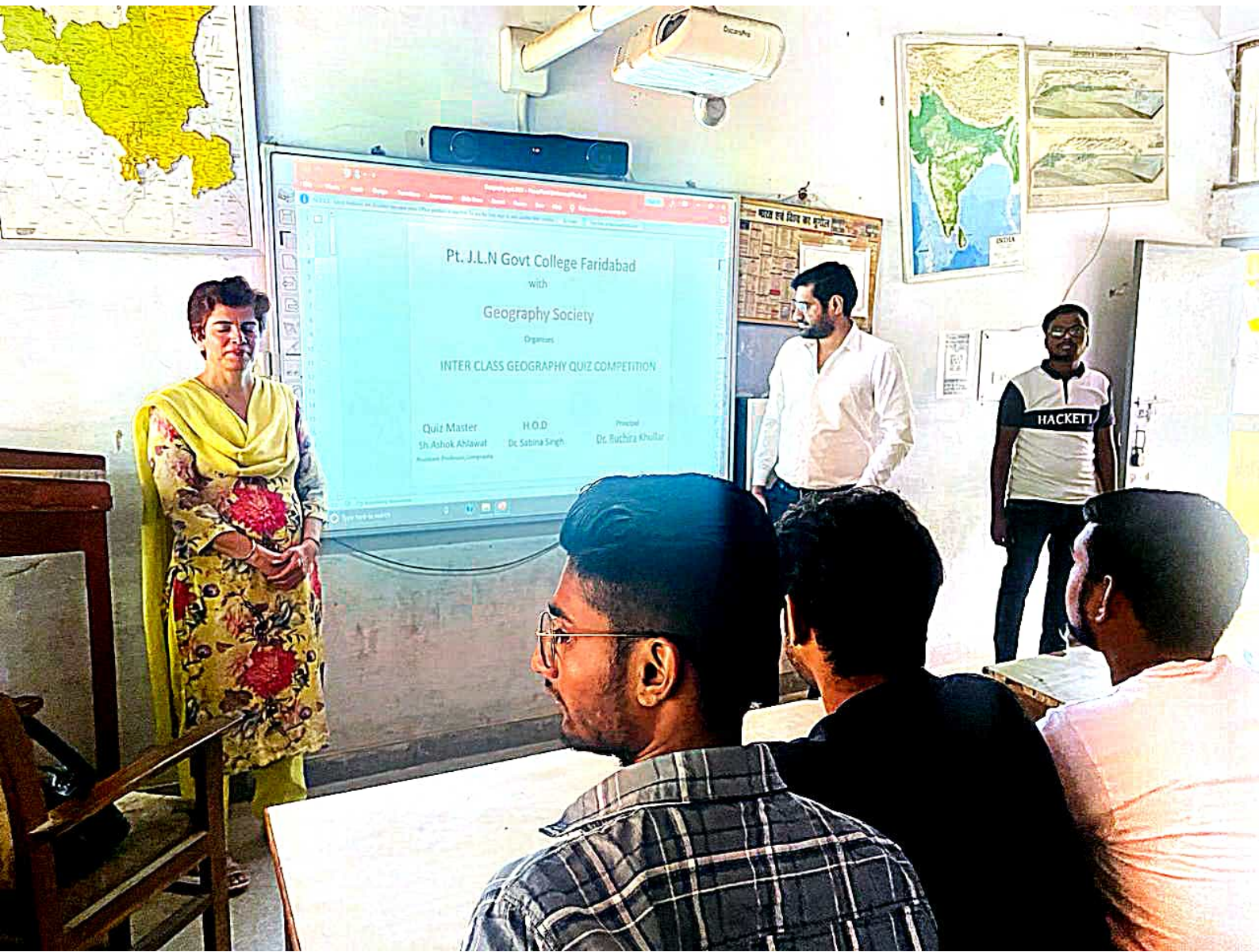


WELCOME TO THE EXHIBITION

Microalgae as a Source of Bioproducts

- High biomass productivity
- Ability to take up CO₂ from air (up to 90% removal)
- Microalgae production cost is lower
- Doesn't require fertile lands to grow
- Can be grown in harsh environmental conditions using waste water
- Algae based polymers have shown a potential medicinal property
- As compared to other based products
- Used by-products are obtained & can be used in various industries
- Natural for food & nutraceuticals, dietary supplements
- Algae hydrogel manufacturing requires less maintenance & lower energy to produce when grown in wastewater
- Cultivation of microalgae will convert CO₂ from other
- Complexation between microalgae & proteins
- It is considered as the best natural biomass feed
- Biopolymer production











The chart shows resistor color codes for 4, 5, and 6 bands. It includes a diagram of a resistor with colored bands and a table of color values.

Band	Digit	Multiplier	Tolerance	Temperature Coefficient
1	0	10 ⁰	±20%	±100 ppm/°C
2	1	10 ¹	±20%	±100 ppm/°C
3	2	10 ²	±20%	±100 ppm/°C
4	3	10 ³	±20%	±100 ppm/°C
5	4	10 ⁴	±10%	±50 ppm/°C
6	5	10 ⁵	±1%	±10 ppm/°C

(Resistor Color Codes) © 1999

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- A diagram of a resistor with four colored bands: brown, black, orange, and gold.
- = 1,0 x100k & 5%
 - = 10x100k, 5%
 - = 1000k x 5/100
 - = ±50k
 - = 1000k ±50k

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Hands On Learning On Breadboard

















uhb-xiuv-xim




Vikas 


Vansh 



Indraj si... 


Esha 


Balram 

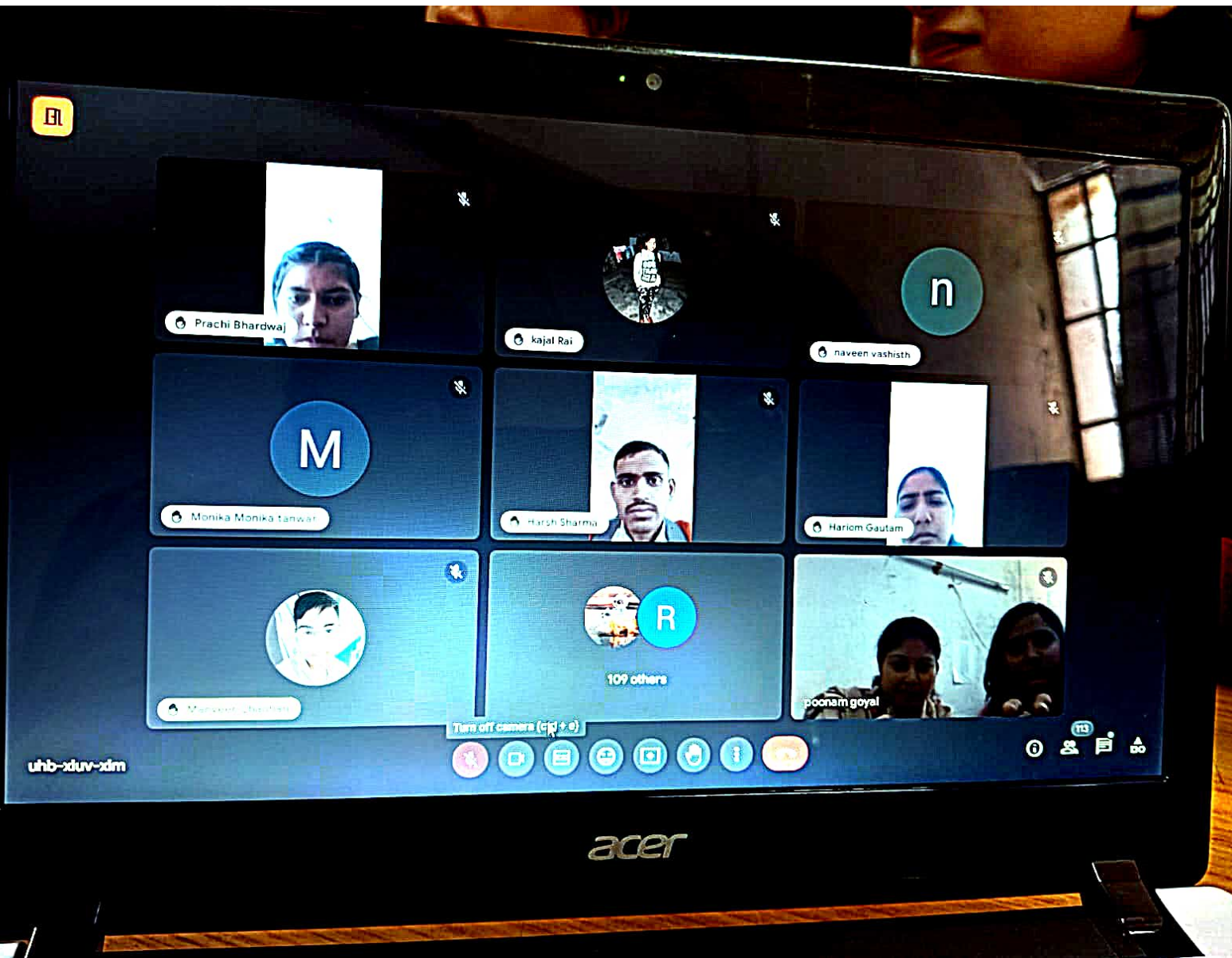

Vikas 




T

Adarsh Adarsh joined





EL

Prachi Bhardwaj

kajal Rai

n

naveen vashishth

M
Monika Monika tanwar

Harsh Sharma

Hariom Gautam

Manoj Kumar

R
109 others

pooanam goyal

Turn off camera (1/1 + 0)

uhb-xluv-xdm



acer

People



-  Seema 
-  Rachna 
-  Kajal Thakur 
-  Manoj 168 
-  RAHUL SHARMA 

Contributors 117 ^

-  Poonam Goyal (You)  
-  232 Akash Sharma  
-  Aadi Kumar  
-  Aashish Rajak  
-  Abhishek Kumar  

117

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