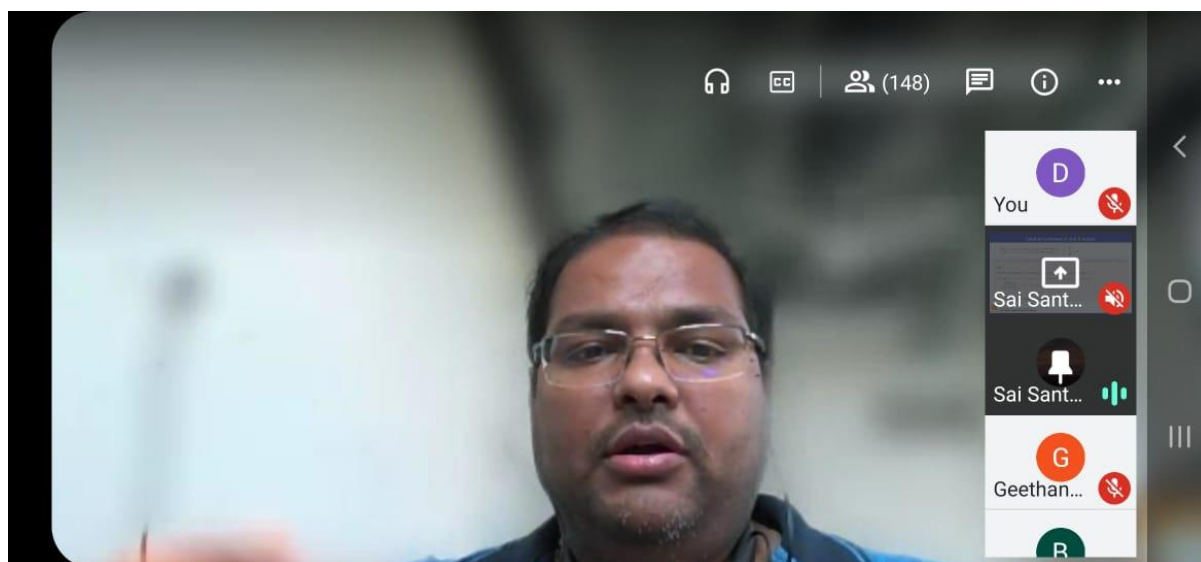


Academic Year 2020-21

S. No.	Activity Conducted	Date	Details of the Guest Speaker(s)	No. of Participants/Attendees			
				Students Internal	Faculty Internal	Students External	Faculty External
1	Science Quiz-round 1	22-12-2020	-	466	10-Physics Faculty	-	-
2	Science Quiz-round 2	29-12-2020	-	424	10-Physics Faculty	-	-
3	Science Quiz-Final round	05-01-2021	-	336	10-Physics Faculty	-	-
4	Guest Lecture	18-02-2021	Dr R. Sai Santhosh Kumar, Associate Professor, IIT Hyderabad	150	10-Physics Faculty	-	-
5	Workshop on Design Thinking	28-2-21 to 2-3-21	Dr.Bala Ramadurai Professor, NPTEL	100	10-Physics Faculty	-	-



What happens when EM wave is incident on matter

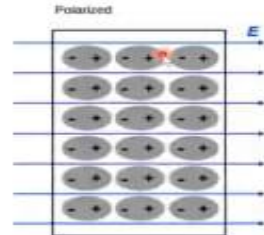


Dielectrics in Electric Fields – Electrical Susceptibility

Naturally, one would expect the polarization of the material to be proportional to the strength of the electric field:

$$\vec{P} \propto \vec{E}$$
$$\Rightarrow \vec{P} = \epsilon_0 \chi_e \vec{E}$$

The constant of proportionality χ_e is called the **electrical susceptibility** of the material



Raavi Lab, Department of Physics, IIT Hyderabad

(150)



D [Microphone off]

DR.SHANKAR JAKKULA GCET (You)

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Sai Santosh Kumar Raavi >

[Video call icon] [Microphone off]

[Close] [Pin] [Microphone off] [Volume]

G [Microphone off]

Geethanjali College Engineerin... >

Others in the meeting (146)

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20R11A0201 B JITHENDER >





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DR.SHANKAR JAKKULA GCET (You)

Sai Santosh Kumar Raavi >

Sai Santosh Kumar Raavi >

Geethanjali College Engineerin... >

Others in the meeting (144)

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Science Club - 2020-21

National Science Day Celebrations-2/6/2021

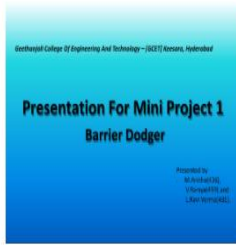
Prizes	Project Codes	Title	Team Members	Branch
Working Models				
1	W08	Tome-The Library App	Ananya Chepuri (20R11A0469), Shrikeraa Beraar(20R11A0552), Rishi Deshmukh (20R11A0128)	ECE-B
2	W09	Reducing the Queue Time at Billing Counter	Yelleti Geethanjali-20R11A04C0, Arupali Akash-20R11A6909, Tata Tanishq-20R11A6954	ECE-B
3	W07	Arduino Based Robotic Arm	P. Sathvik 20R11A6943, Hari Sarada 20R11A05K9, G.Ashrith 20R11A05J4.	CSE-D, CSE-IOT
Appreciation Certificates	W02	Line Following Bot	Sanketha Reddy Lakkadi 20R11A6648, G.Harshitha 20R11A6618	CSE-AIML
	W13	PIR MOTION SENSOR (LED)	B. DEEPANA (20R11A1208), P. HARSHITH (20R11A1247), G.SHIVANI (20R11A1254)	IT
	W16	Water Alarm for Water Tank	T.Nikitha, M.Kusuma, T.Vaishnavi	IT
Demo Models				
1	D13	Fire Fighting Vehicle	J MANISH,20R11A0482, K BADRINATH,20R11A0484, P VENKATA BHANODAI,20R11A0499	ECE-B
2	D04	Vacuum Cleaner	G Phalguni 20r11a0576	CSE-B
3	D05	Rescue Robot using Arduino	M.Vansh 20R11A05L7, K.Supraja 20R11A0426	CSE-D
Poster Presentations				
1	P14	Virtual Reality and Augmented Reality	M.Kavya Sri 20R11A6235, Ruchitha 20R11A6254, Rakshanda 20R11A6243, Prerana 20R11A6240, Sai Lahari 20R11A6247	CSE-CS
2	P42	Asteroid, Asteroid and it's Influence on Earth	SONAKSHI, Samhitha Yeluri	CSE-AIML
3	P41	TIME DILATION	Jeevan	CSE-AIML
Appreciation Certificates	P10	Project Dodo	Yuktha.S, 20R11A05G7, Rithika.P, 20R11A05F4	CSE-C
	P01	Augmented Reality	Richa, 20R11A0544	CSE-A
	P22	Malyala Chaithanya Lahari	M. Chaithanya Lahari, 20R11A6729	CSE-DS
	P09	BLUE BRAIN TECHNOLOGY	KOSGI AAKANKSHA REDDY, 20R11A0592, K. ROHITHA, 20R11A0588	CSE-B

Demo Model
M.Vansh

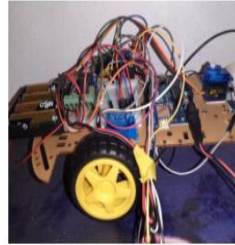
Demo Model
VA TANMAI



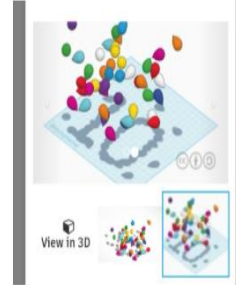
D11
Artificial Intelligence
Demo Model
A. Akanksha



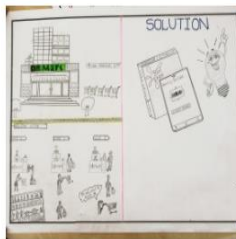
D12
Barrier Dodger
Demo Model
L. Anitha



D13
Fire Fighting Vehicle
Demo Model
J Manish



D14
GEOMETRICITY
Demo Model
Shravya Reddy A



W09
Reducing the queue time at billing counter
Working Model
Yelleti Geethanjali



W10
Device to check for harmful chemicals in
vegetables and fruits
Working Model
Yallampalli Shalini



W11
Robotic car
Working Model
P vinod kumar



W12
Hydraulic lifting
Working Model
Shivani S

