



GOVERNMENT DEGREE COLLEGE (MEN)

ACCREDITED BY NAAC WITH B++ (CGPA 2.90)

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Department of Physics

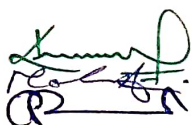
Brainstorming Session

Date and Time	23.02.2023 , 12:50 pm to 1:20 pm
Class	I B.Sc (MPCS & MPE)
No.of students participated	41
Name of the Activity	Brainstorming Session
Title	Does air Form a Shadow?
Objective	The objective of a brainstorming session focused on the topic of "Does Air Form a Shadow?" could be to explore, discuss, and generate ideas and hypotheses related to this question. It promotes Critical Thinking,Engage Curiosity,Highlight Scientific Method,and Promote Further Study.
Teacher Activity in this session	1. Asking Questions during this session like below a. What is Shadow? b. Why did a shadow form? c. What are the prime causes to form Shadow? d. Which property of light is used to form a shadow of air ? 2. Encourage students to share their thoughts and ideas without filtering them.


23/02/23




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	3. Encourage Divergent Thinking Prompt students to think outside the box and consider unconventional solutions or perspectives. Encourage them to push the boundaries of their creativity. 4. Emphasise Learning: Remind participants that the goal of the session is not necessarily to arrive at a definitive answer but to promote curiosity, critical thinking, and a deeper understanding of scientific principles.
Student Activity in this Session	1. Group Sharing : Students in the groups can discuss and refine their hypotheses based on the input from their peers. 2. Debate and Discussion: Organise a debate where students can argue for or against the idea that air forms a shadow. Assign some students to argue in favour of the hypothesis and others against it. This encourages critical thinking and helps students consider different perspectives. 3. Record Ideas: As ideas are generated, write them down on a whitepaper . Ensure that all ideas are captured without judgement or evaluation at this stage.
Documental evidences	https://drive.google.com/file/d/1_HernO9Blq_pYUKCZ9f1_tEdbRybYwnj/view?usp=drive_link
Name of the Lecturers who planned & conducted the activity	Sri.M.V.Satyanarayana Sri R.Ravi kumar Sri B.Mohana Rao Dr.GVS Jayapala Rao 

23/02/2023

- " Brain storming session " -

Is air forms shadow.

Ans: air doesn't form shadow because it is not a object.

1) what is shadow?

when sufficient light incident on object and shadow will be form on behind the object it is known as shadow.

2) why shadow formed?

Ans: one force light is placed on a particular places that light wave incident on a some object present in a place the shadow is formed.

Q) what are causes to form shadows?

① there is a necessary of sunlight (or) light
* shadow is not formed some places.

* the light falls on the object it forms shadow

* the light incident on the particular object faces the light shadow form on behind the object

K. Dhorma Rao	2222 0000 50022	II MPCJ	K. Dhorma Rao
D. Neela Krishna	2222 0010 5004		D. Neela Krishna
R. Rama Krishna	2222 0010 5021		R. Rama Krishna
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K. Chandrasekhar	2222 0010 5024		K. Chandra Sekhar.
S. Vamsi Krishna	2222 0105 0048		S. Vamsi Krishna.
P. Tulasi Rao	2222 0010 5028		P. Tulasi Rao
A. Vijay Kumar	2222 0010 5001		A. Vijay Kumar
S. Chandrakala	2222 0010 50043		S. Chandrakala.
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S. Himanth Kumar	2222 0010 50044		S. Hine
M. Prasad	2222 0010 50028		M. Prasad
K.			



→ Topic :- Is air forms shadow?

A:- No, Because air is unable to see. Air has no shape, size. So, it does not form shadow.

2) what is shadow?

A:- when sunlight falls on a object, a image formed in the black colour is called shadow.

* A dark area (or) shape produced by a body coming b/w rays of light & a surface.

3) why shadow is formed?

A:- when object (or) material is placed in light, to form shadow.

* Reflection is the cause of shadow.

4) what are the causes of shadow?

A:- * Mainly, sunlight is the cause to form shadow.

* Because if light shines on to object, and object blocks the light.

* There should be source of light and screen.

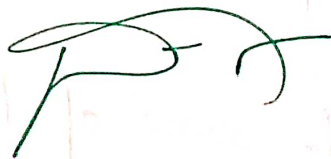
* object must be placed in path of light.

Names :-

MPCS

P. Sreeja	- 2222001050041	P. Sreeja
G. Mounika	- 2222001050016	G. Mounika
N. Sravani	- 2222001050036	N. Sravani
S. Chandrakala	- 2222001050043	S. Chandrakala
K. Dhanalaxmi	- 2222001050020	K. Dhanalaxmi
P. Thansi	- 2222001050040	P. Thansi
G. Likhitha	- 2222001050013	G. Likhitha
M. Kusumanjali	- 2222001050030	M. Kusumanjali
T. Madhu Mohan	- 2222001052047	T. Madhu Mohan
S. Vilson Babu	2222001052043	S. Vilson Babu
P. Ravi	2222001052035	P. Ravi





Brainstorming Session

Topic:- Is air forms shadow?

1. What is shadow?

A. Any object or material placed between any light. it forms black colour shape behind the object.

2. Why shadow forms?

A. When a light ray travels the object and forms the shadow.

3. What are the causes of forms shadow?

A. presence of (or) absence of light, and shape of the object. and size.

Conclusion:-

We know clearly what is shadow, and how it is forms shadow, and causes of shadow. So, we strongly believes and truth is air doesn't forms any shadow. Because the air doesn't have a shape, so air doesn't forms any shadow.

Signature:-

1. K. Hari prasad - 2222001050024. K. Hari prasad.
2. M. Satish - 2222001050029 M. Satish
3. Ch. Chandrasekhar - 2222001050006. Ch. Chandrasekhar
4. N. Sekhar - 2222001050035. N. Sekhar
5. D. Damodhar - 2222001050009 D. Damodhar
6. G. Lekhana - 2222001050014. G. Lekhana
7. J. Timoji - 2222001050019 J. Timoji
8. P. Somesh. (Mpe) - 2222001050008. P. Somesh.
9. L. Ramesh [M.P.C] - 2222001052025 L. Ramesh
10. M. Guaneswarasao [MPC] - 2222001052030 M. Guaneswarasao





Photo Gallery :




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