



**CRITERION 3**

**St. Bede's College Shimla**  
(UGC-NAAC "A+" Grade Re-Accredited)

**3.2.2 NUMBER OF WORKSHOPS/SEMINARS CONDUCTED ON  
RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY  
RIGHTS (IPR) AND ENTREPRENEURSHIP DURING THE YEAR**



St. Bede's College Shimla

## ONE DAY WEBINAR ON PHYSICS IN DAILY LIFE AND BEYOND: ART OF GUESSTIMATION



St. Bede's College  
Shimla- 171002  
(UGC-NAAC "A+" Grade Re-Accredited)  
College with Potential for Excellence  
Phone: 0177-2842304, Fax:- 0177-2842498  
[www.stbedescollege.in](http://www.stbedescollege.in), E-mail:- [bedescollege@gmail.com](mailto:bedescollege@gmail.com)

### WEBINAR ON "GUESSTIMATION: ART OF PROBLEM-SOLVING IN PHYSICS ON THE FLY"

On October 19, 2020, the department of Physics organized a one-day webinar for the students to facilitate inclusive learning opportunities during the period of Covid-19 pandemic, where the teaching mode had been changed to online.

**Objective:** The main aims of the program were to:

- Learn the concept of guesstimation.
- Gain an understanding of the principles behind guesstimation and how it can be used as a problem-solving tool in various contexts.
- To provide participants with practical techniques and strategies to develop their guesstimation skills.
- To explore real-world scenarios where guesstimation can be applied effectively.

The speaker for the session was Prof. P.K. Ahluwalia, former Prof. in the department of physics, Himachal Pradesh University. He enlightened the students about Fermi problems and tricks to solve them by taking into consideration the underestimated and overestimated values.

**Outcomes:** Learners were able to

- Learn what guesstimation is and how it can be used as a problem-solving tool in various contexts, such as estimating quantities, making quick calculations, and making informed decisions.
- Learned techniques for making accurate and reasonable guesses based on limited information, using mental math, visualization.

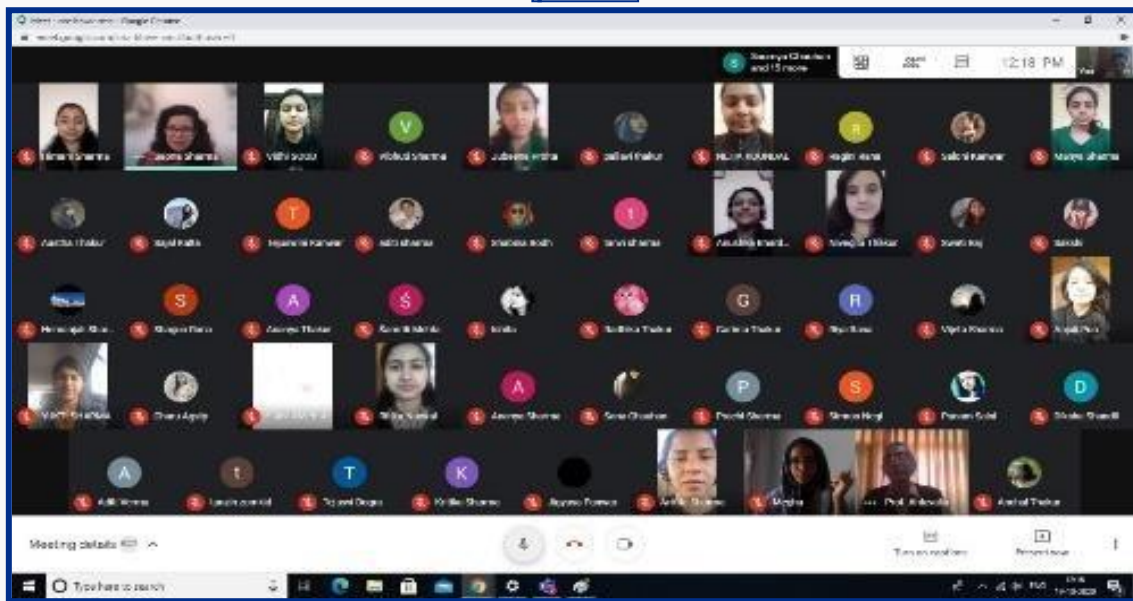
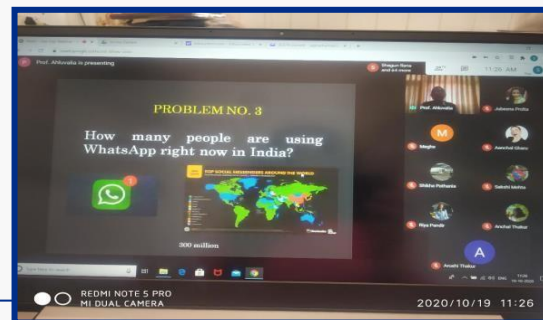
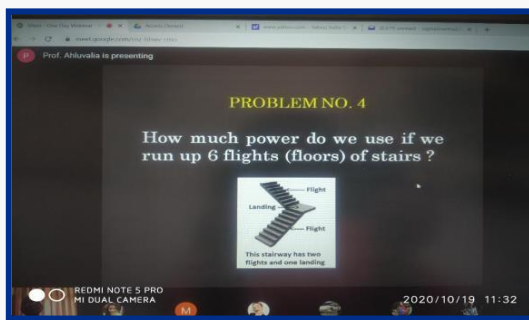
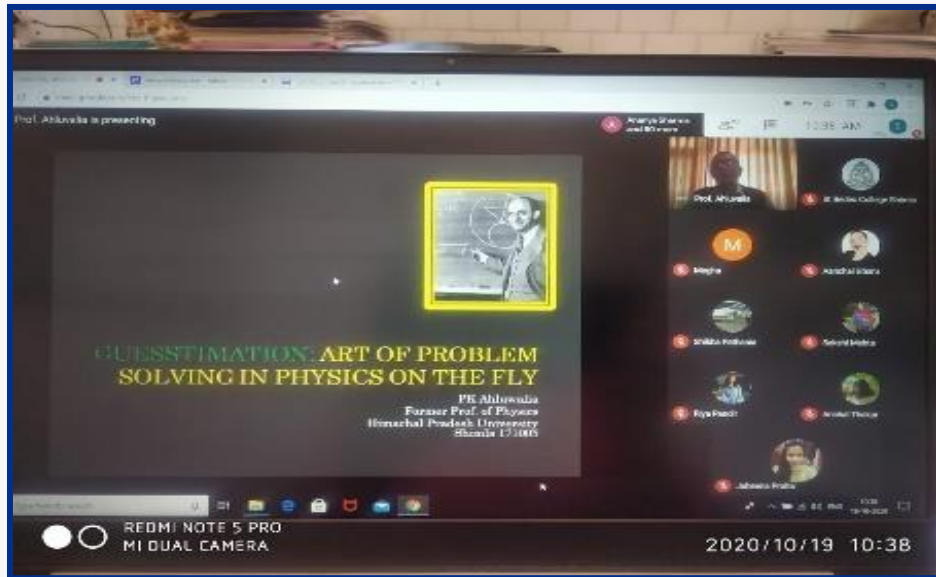
St. Bede's College  
Physics Department

Officiating Principal  
St. Bede's College  
Shimla  
*Bathania*

*Report of the Webinar*



# St. Bede's College Shimla



*One Day Webinar on Physics in Daily Life and Beyond: Art of Guesstimation on October 19, 2020*



# St. Bede's College Shimla



One Day Webinar

on

## Physics in Daily Life & Beyond: Art of Guesstimation

by



Prof. P. K. Ahluwalia (Retd.)  
Department of Physics  
Himachal Pradesh University  
Shimla

19<sup>th</sup> October, 2020; 10.30 AM Onwards

Join with



<https://meet.google.com/cnz-bhvw-cmo>

Organized by:

Department of Physics

St. Bede's College Shimla

(NAAC Re-Accredited 'A+' College)

### Brochure

#### PHYSICS

One Day Webinar 'Guesstimation: Art of Problem Solving in Physics on the Fly'  
October 19, 2020

S.No	Name	Class	Signature
1.	AASHI RATHAUR	B.Sc.I	Aa
2.	AKSHITA THAKUR	B.Sc.I	Akshita
3.	ANANYA SHARMA	B.Sc.I	Ananya
4.	ANANYA THAKUR	B.Sc.I	Ananya
5.	ARUSHI RAGHUWANSHI	B.Sc.I	Arushi
6.	AYUSHI PANWAR	B.Sc.I	Ayushi
7.	DEEPANALI THAKUR	B.Sc.I	Deepanali
8.	HIMANSHU	B.Sc.I	Himanshu
9.	ISHA THAKUR	B.Sc.I	Isha
10.	JAHANVI THAKUR	B.Sc.I	Jahanvi
11.	JANVI	B.Sc.I	Janvi
12.	KRITIKA SHARMA	B.Sc.I	Kritika
13.	MANISHA THAKUR	B.Sc.I	Manisha
14.	MANNAT PUHARIA	B.Sc.I	Mannat
15.	MANYA SHARMA	B.Sc.I	Manya
16.	MEGHA	B.Sc.I	Megha
17.	MUDITA SHARMA	B.Sc.I	Mudita
18.	NAVJHA RANA	B.Sc.I	Navjha
19.	NAVYA THAKUR	B.Sc.I	Navya
20.	NEHA	B.Sc.I	NeHa
21.	NVEDITA THAKUR	B.Sc.I	Nvedita
22.	PARUL SHARMA	B.Sc.I	Parul
23.	PRATIKSHA SHARWAN	B.Sc.I	Pratiksha
24.	PRIANSHU	B.Sc.I	PrianShu
25.	RAJNI DEVI	B.Sc.I	Rajni
26.	SAKSHI	B.Sc.I	Sakshi
27.	SANA CHAUHAN	B.Sc.I	Sana
28.	SHARVI	B.Sc.I	Sharvi
29.	SHEETAL VERMA	B.Sc.I	Sheetal
30.	SIMRAN NEGI	B.Sc.I	Simran
31.	TEJASVI DOGRA	B.Sc.I	Tejasvi
32.	UVIKA SINGH	B.Sc.I	Uvika
33.	AANCHAL	B.Sc.II	Aanchal
34.	AARTI THAKUR	B.Sc.II	Aarti
35.	ANCHAL CHADWAL	B.Sc.II	Anchor
36.	ANCHAL THAKUR	B.Sc.II	Anchor
37.	ANJALI	B.Sc.II	Anjali
38.	AVANTIKA	B.Sc.II	Avanti
39.	AVANTIKA NEGI	B.Sc.II	Avanti
40.	BABEETA THAKUR	B.Sc.II	Babeeta
41.	CHAVI TEWARI	B.Sc.II	Chavi
42.	DIVYA RANI	B.Sc.II	Divya
43.	GARIMA KUMARI	B.Sc.II	Garima
44.	HEMANJALI SHARMA	B.Sc.II	Hemanjali
45.	JUREENA PRIGTA	B.Sc.II	Jureena
46.	MEENAL CHAUHAN	B.Sc.II	Meenal

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47.	NIDHI SHARMA	B.Sc.II	Nidhi
48.	NITIKA SHARMA	B.Sc.II	Nitika
49.	RAGINI	B.Sc.II	Ragini
50.	SAJAL KALTA	B.Sc.II	Sajal
51.	SAKSHI MEHTA	B.Sc.II	Sakshi
52.	SALMYA CHAUHAN	B.Sc.II	Salmya
53.	SHABANA	B.Sc.II	Shabana
55.	SHIVAKSHI SHARMA	B.Sc.II	Shivakshi
56.	SIMRAN	B.Sc.II	Simran
57.	TANVI	B.Sc.II	Tanvi
58.	TENZIN	B.Sc.II	Tenzin
59.	YIBHITI SHARMA	B.Sc.II	Yibhiti
60.	YOGITA	B.Sc.II	Yogita
61.	SWATIRAJ	B.Sc.II	Swatiraj
62.	ADITI SHARMA	B.Sc.II	Aditi
63.	DIKSHA SHANDIL	B.Sc.II	Diksha
64.	ISHITA	B.Sc.II	IsHita
65.	JHALAK VERMA	B.Sc.II	Jhalak
66.	JGYASA PANWAR	B.Sc.II	Jgyasa
67.	MISHKA ATTRI	B.Sc.II	Mishka
68.	PALVI THAKUR	B.Sc.II	Palvi
69.	PRANITA JASWAL	B.Sc.II	Pranita
70.	RADHIKA VERMA	B.Sc.II	Radhika
71.	SAKSHI KASHYAP	B.Sc.II	Sakshi
72.	SALONI KANWAR	B.Sc.II	Saloni
73.	SAMRITI MEHTA	B.Sc.II	Samriti
74.	SHIKHA RANI	B.Sc.II	Shikha
75.	SHIKHA SHARMA	B.Sc.II	Shikha
76.	YUKTI SHARMA	B.Sc.II	Yukti
77.	AASTHA THAKUR	B.Sc.II	Aastha
78.	TANVI SHARMA	B.Sc.II	Tanvi
79.	ANJALI PUN	B.Sc.II	Anjali
80.	ANJALI	B.Sc.II	Anjali
81.	HIMANI	B.Sc.II	Himani
82.	HINDA	B.Sc.II	Hinda
83.	ISHITA	B.Sc.II	IsHita
84.	KRITIKA BAKSHI	B.Sc.II	Kritika
85.	PRACHI SHARMA	B.Sc.II	Prachi
86.	NEHA KAUNDAL	B.Sc.II	NeHa
87.	PUNAM SAINI	B.Sc.II	Punam
88.	TEJASWANI KANWAR	B.Sc.II	Tejaswani
89.	VIJETA	B.Sc.II	Vijeta
90.	YASHA DOGRA	B.Sc.II	Yasha

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Principal  
St. Bede's College  
Shimla - 2

### Attendance Sheets