



## **SUPPORTING DOCUMENTS**

### **2.2.1**

#### **ADVANCED AND SLOW LEARNERS**



**Advanced and Slow Learners**  
**Session 2021-22**  
**Economics Honours and Pass Course**

The slow and advanced learners are identified on the basis of their performance in class tests, assignments, discussions, department activities, etc. and the following strategies are adopted.

**Advanced Learners**

- The advanced learners are given extra assignments on different topics.
- They are encouraged to study books other than textbooks to enrich their knowledge.
- They are motivated to participate in online and offline inter and intra college extra-curricular activities.
- They are encouraged to become a Team Leader and help other students in preparing their assignments and presentations.
- Group discussion sessions are held on recent economic issues of the country.
- They are asked to plan and co-ordinate online and offline departmental activities.
- Students are encouraged to get the university ranks by special guidance.
- They are motivated to use E-resources for reference work and preparing presentations.
- Advanced learners are encouraged to participate and present papers in seminars and workshops.
- They are also given the opportunity to represent in National and State level intercollegiate competitions.
- They are encouraged to contest elections for various posts.
- They are awarded with medals, trophies and merit certificates and other recognitions.





**Daily Attendance Register of St. Bede's College for the month of \_\_\_\_\_ year \_\_\_\_\_**

Class B.A. ADVANCED LEARNERS Subject Economics Paper \_\_\_\_\_

Serial Number	Name of Student	Registration No.	Registration No.	Previous Attendance	DATES												No. of lectures	Attendance
					Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12		
<b>B.A.I</b>																		
1	Aashika Rastogi				P	P	P	P	P	P	P	P	P	P	P	P		
2	Yashasvi Manojpal				P	P	P	P	P	P	P	P	P	P	P	P		
3	Tejshri Negi				P	P	P	P	P	P	P	P	P	P	P	P		
4	Aashika Rastogi				P	P	P	P	P	P	P	P	P	P	P	P		
<b>B.A.II</b>																		
1	Aashika Rastogi				P	P	P	P	P	P	P	P	P	P	P	P		
2	Aarshat Kishore				P	P	P	P	P	P	P	P	P	P	P	P		
3	Aarshat Kishore				P	P	P	P	P	P	P	P	P	P	P	P		
4	Aarshat Kishore				P	P	P	P	P	P	P	P	P	P	P	P		
<b>B.A.III</b>																		
1	Aarshat Kishore				P	P	P	P	P	P	P	P	P	P	P	P		
2	Aarshat Kishore				P	P	P	P	P	P	P	P	P	P	P	P		
3	Aarshat Kishore				P	P	P	P	P	P	P	P	P	P	P	P		
4	Aarshat Kishore				P	P	P	P	P	P	P	P	P	P	P	P		

Dated: \_\_\_\_\_ Lecturer's Signature \_\_\_\_\_ Dated: \_\_\_\_\_ Received By: \_\_\_\_\_

Teacher's Name \_\_\_\_\_  
Principal's Signature \_\_\_\_\_  
Clerk's Signature \_\_\_\_\_

**Daily Attendance Register of St. Bede's College for the month of \_\_\_\_\_ year 2021-22**

Class B.A. Subject Economics Paper \_\_\_\_\_

Serial Number	Name of Student	Registration No.	Registration No.	Previous Attendance	DATES												No. of lectures	Attendance
					Oct 1	Oct 2	Oct 3	Oct 4	Oct 5	Oct 6	Oct 7	Oct 8	Oct 9	Oct 10	Oct 11	Oct 12		
<b>B.A.II</b>																		
1	Abhinavdip Gupta				P	P	P	P	P	P	P	P	P	P	P	P		
2	Shree				P	P	P	P	P	P	P	P	P	P	P	P		
3	Ranjana				P	P	P	P	P	P	P	P	P	P	P	P		
<b>B.A.III</b>																		
1	Pratiksha Ray				P	P	P	P	P	P	P	P	P	P	P	P		
2	Ashika Sharma				P	P	P	P	P	P	P	P	P	P	P	P		
3	Manika Pal				P	P	P	P	P	P	P	P	P	P	P	P		
4	Shreya Tripathi				P	P	P	P	P	P	P	P	P	P	P	P		

Dated: \_\_\_\_\_ Lecturer's Signature \_\_\_\_\_ Dated: \_\_\_\_\_ Received By: \_\_\_\_\_

Teacher's Name \_\_\_\_\_  
Principal's Signature \_\_\_\_\_  
Clerk's Signature \_\_\_\_\_

Swati Kapil  
Department of Economics



## Advanced Learners

calendar-2021-22.pdf 18 / 18 81%

14

15

16

17

18

3 Tuesday - Parshu Ram Jayanti / Id-UI-Fitr

16 Monday - Budh Purnima

22 Sunday - International Day of Biological Diversity-Botany Department

IQAC meetings with staff, meetings with academic monitors, head of departments, club and society incharges at regular intervals as and when required

Designed and Compiled By:  
Shree  
B.A. Economics ( Hons ) 2nd Year

## Assignments submitted

Abhinandini  
B.A II

Date \_\_\_\_\_  
Page \_\_\_\_\_

Q. Explain the problem of Double counting?

Ans. The problem of double counting is the problem of estimating the value of goods and services more than once.

- Estimating national income with Product method might lead to the problem of double counting.
- This is because while using estimating NS by using final output method, the value of only final goods and services takes into consideration.
- for example - A farmer produce one tonne of wheat and sells it for ₹ 400 to a flour mill. As far as the farmer is concerned, the sale of wheat is a final sale and he get ₹ 400 for it. The purchase of wheat by a flour mill is an intermediate. It converts wheat into flour and sell it for ₹ 600 to a baker. The flour mill treats the flour as an final product, but the baker use it as an intermediate good and manufactures bread. The baker sell the bread to the shopkeeper for ₹ 800. for the baker the bread is a final good but for the shopkeeper it is an intermediate good. The shopkeeper sells the entire stock of bread to a final consumer for ₹ 900. Value of output of a farmer, flour mill, baker and shopkeeper will be as under:-



Pranshita Raj  
A. III Honours

### Assignment

#### Role of Population in Economic Development

**10/10** Well explained  
A growing population leads to an increase in the total output. The sheer arithmetical increase in population does work as well as incentives for production that impact upon output and productivity quite favourably. As human population grows, human demands for resources like land, trees and energy also grow. Population growth has relatively easy and inexpensive solutions and human population impacts every environmental challenge - it is an essential element to achieve sustainability.

#### WHAT IS POPULATION ?

→ The Total number of people living in a particular area in a particular time is known as the population. The population is one of the important factors which help to balance the environment, the population should in a balance with the means and resources.

#### WHAT IS DEVELOPMENT ?

In the economic study of the public sector, economic and social development is the process by which the economic well being and quality of life of a nation, region, local community, or an individual are improved according to targeted goals and objectives.

**Praneeta Kamal**

**10/10** Very well written

Table 3.1 → Three stages of production

UNITS OF LAND (L)	UNITS OF LABOUR (K)	AVERAGE PRODUCT (AP)	TOTAL PRODUCT (TP)	MARGINAL PRODUCT (MP)	DESCRIPTION OF THESE STAGES
1	1	1	1	1	Stage 1 (I)
1	2	1.5	3	2	MP increases; TP increases
1	3	3	9	6	MP increases and then begins to fall
1	4	3	12	3	Stage 2 (II)
1	5	2.8	14	2	MP decreases; TP increases
1	6	2.5	15	1	MP decreases till it becomes completely zero
1	7	2.1	15	0	Stage ends when MP = 0 and TP is at its maximum
1	8	1.7	14	-1	Stage 3 (III)
					MP is decreasing MP becomes negative TP begins to fall

1st February 2011

## Law of Variable Proportion

The law of variable proportions is that law which predicts the consequences of varying the proportions in which the fixed and variable factors of production are used. The law of variable proportions states that, "as the proportion of factors is changed, the total production at first increases more than proportionally, then equ-proportionally and finally less than proportionally." The classical economists derived the law of diminishing returns or diminishing marginal returns or law of diminishing marginal product.

#### ASSUMPTIONS OF LAW OF VARIABLE PROPORTIONS

- One of factors is variable while all others are fixed factors.
- All units of variable factor are homogeneous.
- There is no change in technique of production.
- Factors of production can be used in different proportions.

eg:- two hectares of land with 1 labourer or two hectares of land with n labourers etc.



## Peer Teaching





## Book Review/Article Review







**Daily Attendance Register of St. Bede's College for the month of \_\_\_\_\_ year**

Class BA Slow Learners Remedial Classes

Subject Economics Paper \_\_\_\_\_

Serial Number	Name of Student	Registration No.	Registration No.	Previous Attendance	DATES												No. of Lectures	Attendance
					Dec 8	Dec 9	Dec 10	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19		
<p>Dr. Anurag Jain, Teacher            Assistant Prof. &amp; Head            Department of Economics            Address - 21-22-23            Dindori</p>																		

**Daily Attendance Register of St. Bede's College for the month of \_\_\_\_\_ year**

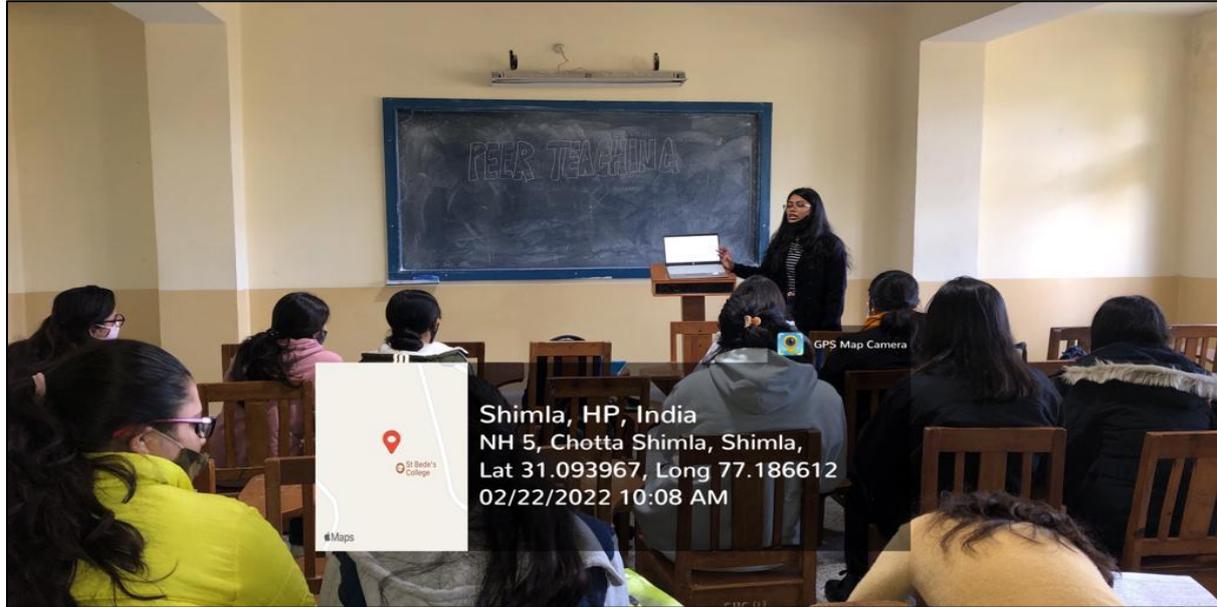
Class BA Slow Learners Remedial Classes

Subject Economics Paper \_\_\_\_\_

Serial Number	Name of Student	Registration No.	Registration No.	Previous Attendance	DATES												No. of Lectures	Attendance
					Dec 8	Dec 9	Dec 10	Dec 11	Dec 12	Dec 13	Dec 14	Dec 15	Dec 16	Dec 17	Dec 18	Dec 19		
<p>Dr. Anurag Jain, Teacher            Assistant Prof. &amp; Head            Department of Economics            Address - 21-22-23            Dindori</p>																		



## Peer Teaching





## Remedial Classes







## Department of Biotechnology Advanced Learners and Slow Learners Session 2021-2022

Advanced and slow learners were identified on the basis of the overall performance of the students in class as well as on the basis of their scorings in the mid-term minor tests.

### Activities for advanced learners

The advanced learners were encouraged to participate in peer teaching activities where they interacted with the average and slow learners of their respective classes and helped them overcome their academic problems. This not only helps the advanced learners or peer teachers in sharpening their skills and boosting confidence but also leads to higher academic achievements.

For their all-round development, the advanced learners were encouraged to participate in extra-curricular activities.

Ms. Archana Mullick was selected to give a power point presentation on 'Advancements of Biotechnology in 75 years of Indian Independence' to celebrate Azadi ka Amrit Mahotsav.

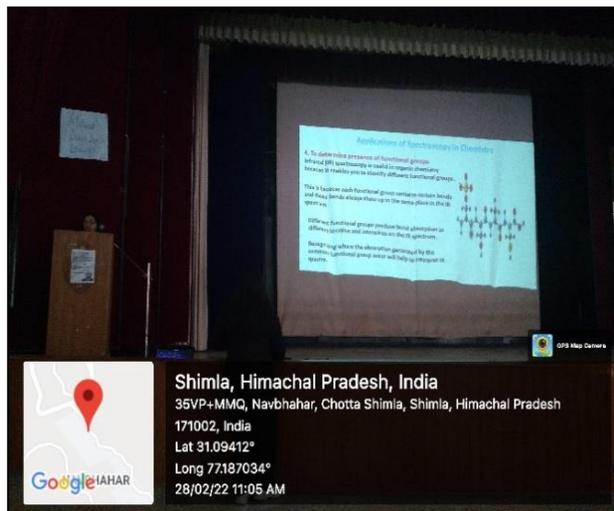
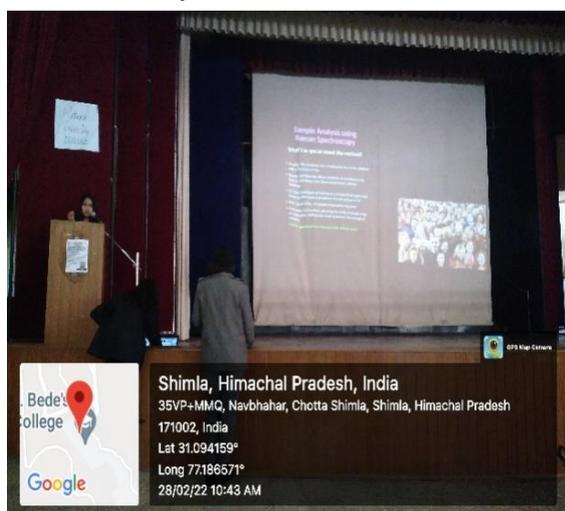




Ms. Archana Mullick represented the college in a live show held on Doordarshan Shimla along with Dr. Sapna Sharma of the Department of Physics. The segment celebrated 'International Day of Women and Girls in Science'



Ms. Archana Mullick, Ms. Sanjana Gupta and Ms. Ritika Chauhan participated in the power point presentation competition held on National Science Day i.e., 28<sup>th</sup> February, 2022. The topic for the presentation was 'Applications of Raman's Spectroscopy in Life Science, Physics and Chemistry'.





Ms. Sanjana Gupta participated in a debate competition held in the department of biotechnology under the Azadi ka Amrit Mahotsav program to celebrate 75 years of Indian Independence.



Ms. Osheen Pirta and Ms. Sanskriti Sauhta were made Class Representatives for their respective classes which enhances self-worth and boosts confidence.

## Slow Learners

### Activities for slow learners

The slow learners were provided remedial classes to help them to understand the subjects.





Remedial Classes 2021-2022

**Daily Attendance Register of St. Bede's College for the month of** \_\_\_\_\_ **year 2021-2022**

CLASS: \_\_\_\_\_  
SUB: \_\_\_\_\_  
MONTH: \_\_\_\_\_  
YEAR: \_\_\_\_\_

Sl. No.	Name of Student	Registration No.	Register No.	Present	DATES												No. of Absence
					14	15	16	17	18	19	20	21	22	23	24	25	
B.Sc. (Hons) Biotech II <sup>nd</sup> yr																	
1	Megha Singh Chauhan			P	P	A	P	P	P	A	P	P	P	P	P		
2	Rishika Chauhan			A	P	P	P	P	P	P	P	P	P	P	P		
3	Shruti Arora			P	A	P	P	P	P	P	P	P	P	P	P		
4	Payal Dhillon			P	P	P	P	P	P	P	P	P	P	P	P		
B.Sc. (Hons) Biotech II <sup>nd</sup> yr																	
1	Deepa Sharma			A	P	P	P	P	P	P	P	P	P	P	P		
2	Shreya Sharma			A	P	P	P	P	P	P	P	P	P	P	P		
3	Supriya			P	P	P	P	P	P	P	P	P	P	P	P		
4	Arshita Sharma			P	A	P	P	P	P	P	P	P	P	P	P		
5	Kanchana			P	A	P	P	P	P	P	P	P	P	P	P		
6	Pranika Sharma			P	P	P	P	P	P	P	P	P	P	P	P		

Lecturer's Signature: \_\_\_\_\_  
Lecturer Name: \_\_\_\_\_

Dated: \_\_\_\_\_  
Received By: \_\_\_\_\_

Principal's Signature: \_\_\_\_\_  
Clerk's Signature: \_\_\_\_\_

Remedial Classes

**Daily Attendance Register of St. Bede's College for the month of Oct - March year 2021-22**

CLASS: \_\_\_\_\_  
SUB: \_\_\_\_\_  
MONTH: \_\_\_\_\_  
YEAR: \_\_\_\_\_

Sl. No.	Name of Student	Registration No.	Register No.	Present	DATES												No. of Absence
					1	2	3	4	5	6	7	8	9	10	11	12	
1 <sup>st</sup> yr Botany																	
1	Shruti																
2	Arshita																
3	Arshita																
4	Arshita																
2 <sup>nd</sup> yr Botany																	
1	Arshita																
2	Arshita																
3 <sup>rd</sup> yr Botany																	
1	Arshita																
2	Arshita																

Lecturer's Signature: \_\_\_\_\_  
Lecturer Name: \_\_\_\_\_

Dated: \_\_\_\_\_  
Received By: \_\_\_\_\_

Principal's Signature: \_\_\_\_\_  
Clerk's Signature: \_\_\_\_\_



Improvement exams are conducted so that they have a chance to score better marks.



They are given topics from the syllabus and motivated to explain them in front of the entire class.

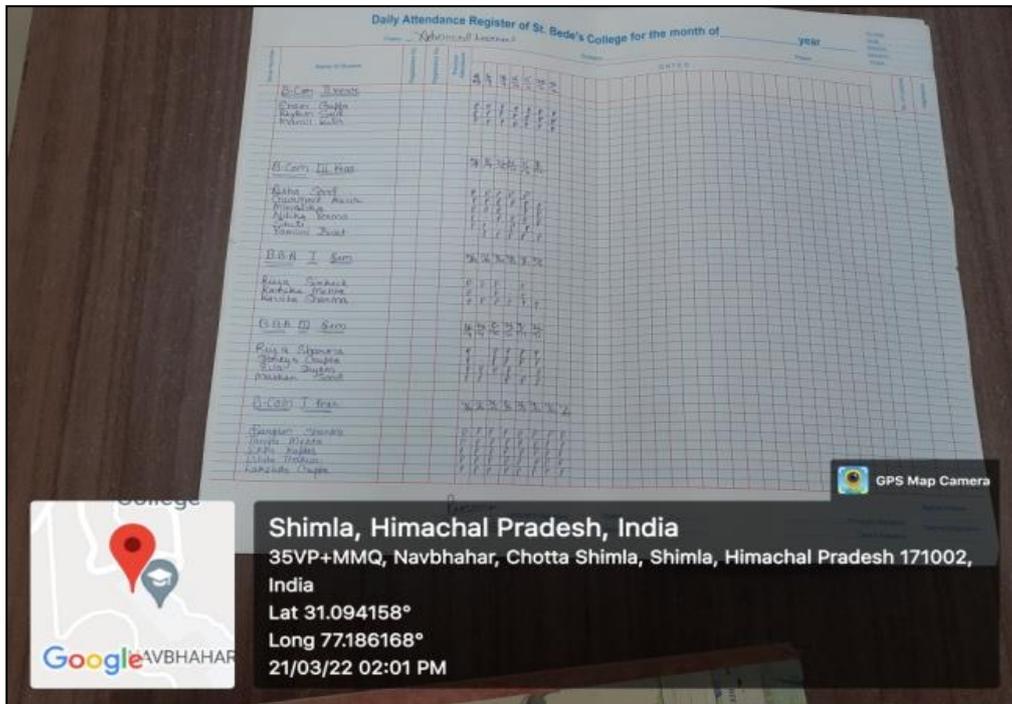




Their peers with better learning abilities are asked to help them in clearing their doubts which help them through cooperative learning.





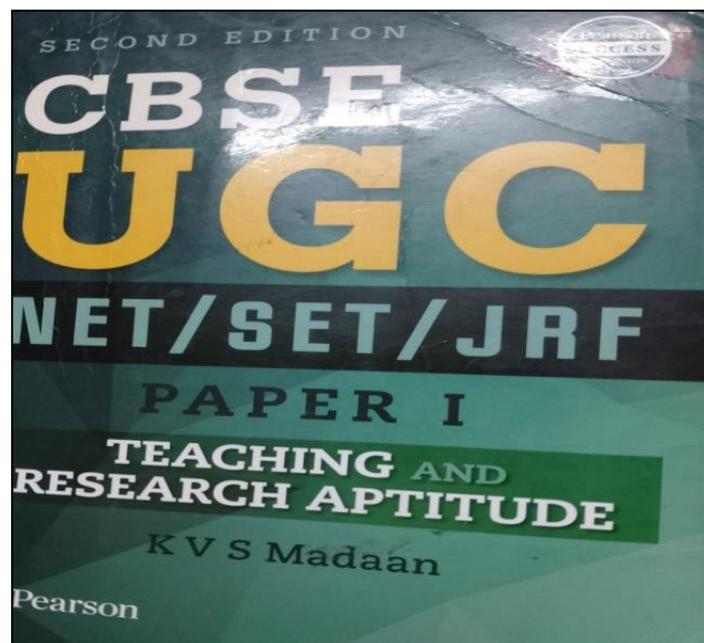


## Peer Teaching





## Competitive Books for Advanced learners

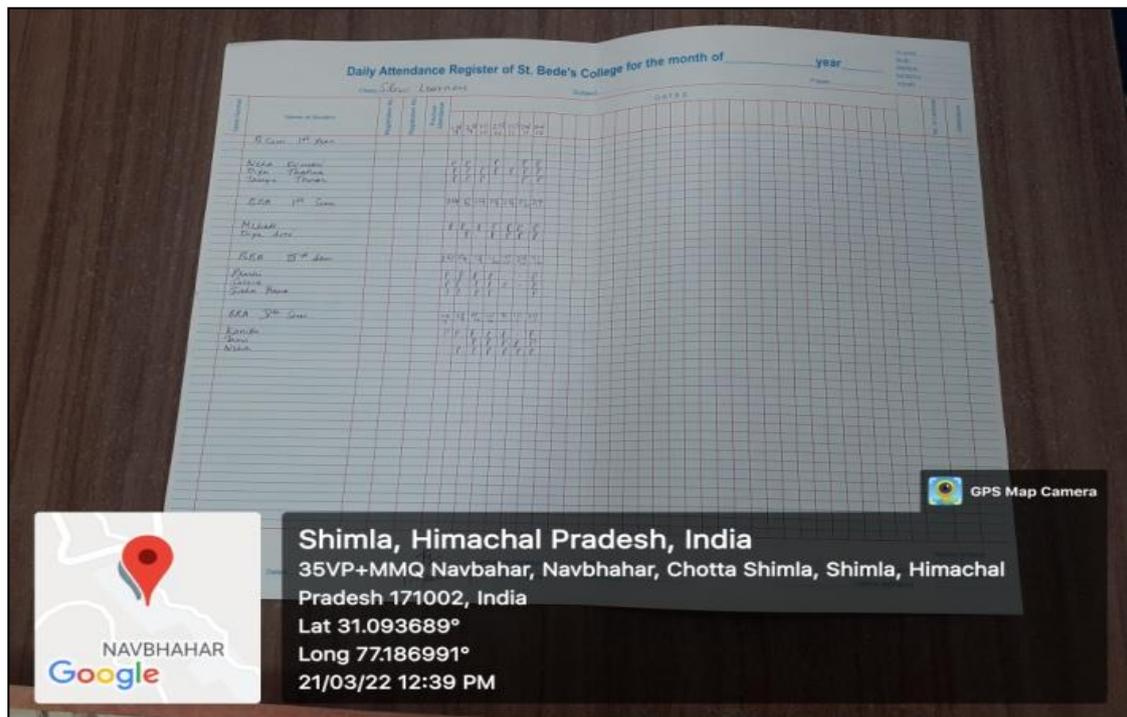




## Slow Learners

- The slow learners are identified by their performance in class tests, their ability to interact in the classes, participation in the classroom seminars, practical etc.
- The problem areas of the slow learner (family, friends or personal condition) are identified through personal counselling.
- Classes are conducted for the slow learners once in a week and whenever the need arises for extra attention.
- The slow learners are provided with supporting materials, lecture material, previous year's question papers, etc.
- They are encouraged for self-reading and to come to the department in extra time for understanding the keywords.

## Remedial Classes attendance sheet for slow Learners







Open with Google Docs

Month of year 2021-22

Class: B.Com. Paper: BBA

Subject: SLOW LEARNERS

Sl. No.	Name of Student	Registration No.	Previous Attendance	DATES												No. of Lectures	Attendance
				01	02	03	04	05	06	07	08	09	10	11	12		
<b>B.Com. - III<sup>rd</sup> Year</b>																	
1	Anchal Anand			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
2	Lakshita Kapoor			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
3	Ranjana Sharma			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
4	Swita Tomar			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
<b>B.Com. - II<sup>nd</sup> Year</b>																	
5	Ravleen			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
6	Shashika Verma			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
7	Yash Manta			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
<b>B.Com. - I<sup>st</sup> Year</b>																	
8	Chya Mahajan			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
9	Meha Kumari			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
10	Shabana Qureshi			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
11	Tanya Tomar			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
<b>B.B.A. - III<sup>rd</sup> Sem</b>																	
12	Payal Verma			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
13	Isha Rana			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
14	Deachi			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
15	Selvia			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
<b>B.B.A. - I<sup>st</sup> Sem</b>																	
16	Mehak			P	P	P	P	P	P	P	P	P	P	P	P	12	100%
17	Divya Sani			P	P	P	P	P	P	P	P	P	P	P	P	12	100%

Dated: \_\_\_\_\_ Lecturer's Signature: *Dr. Shashi K...* Dated: \_\_\_\_\_

Principal's Signature: \_\_\_\_\_ Teacher's Name: *Dr. Shashi K...*

Clerk's Signature: \_\_\_\_\_ Teacher's Signature: \_\_\_\_\_

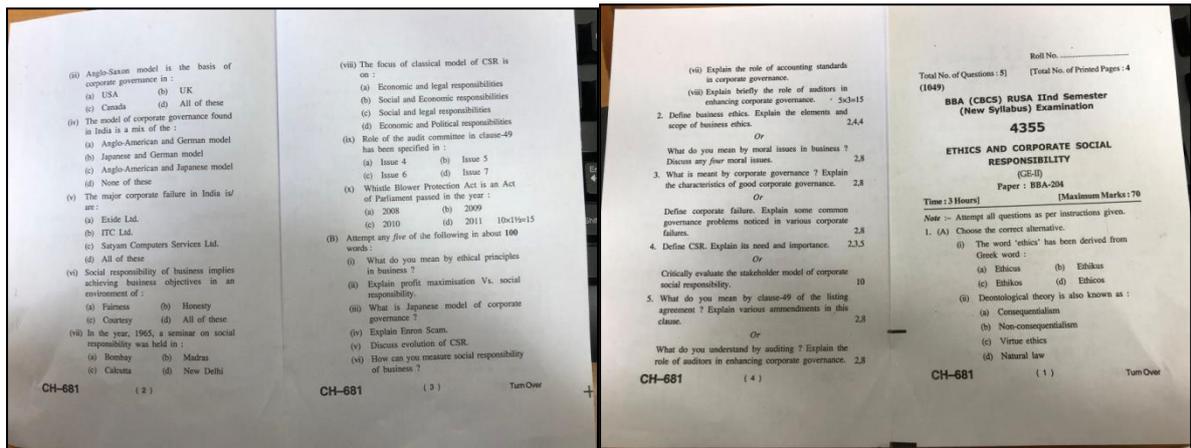
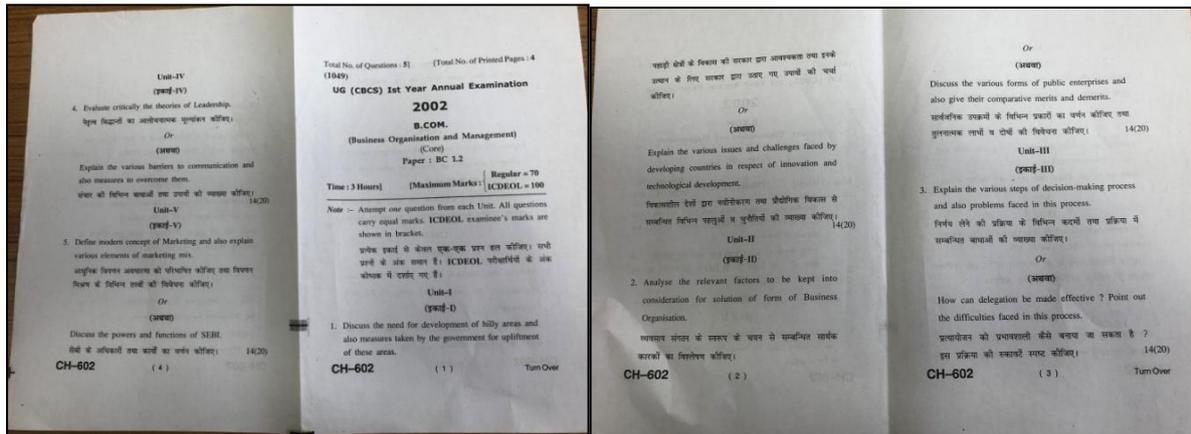
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### Individual Academic Counselling





## Previous year question papers for slow learners





## History Department Advanced Learners and Slow Learners (2021 -2022)

### Advanced Learners

Advanced learners are identified through tests, seminars, debates and assignments. Department responds to special education/ lecturing needs of such students by taking the following steps.

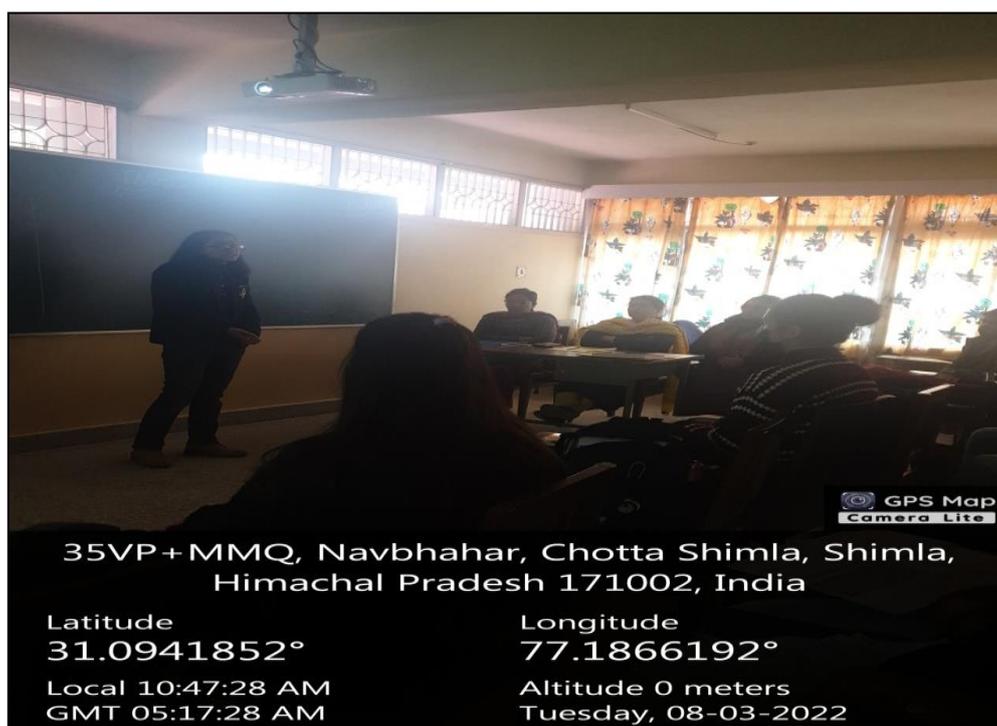
- In order to help the advanced learners to improve their aptitude and other talents, they are encouraged to take part in various inter and intra college competitions.
- The advanced learners are motivated to take care of the slow learners by organizing them into a small study group, and are engaged in Peer Teaching
- They are encouraged to study the advanced books to enrich their knowledge
- Guidance is given for NET / SLET and competitive exams to the advanced learners.
- Books and journals and reading material is given by the teachers.
- They are given Project Work and are encouraged to use the library.
- Assignments on more Challenging Topics are given.

### Class Presentation





## Participation of the Advanced Learners in Inter - Departmental Activities





**Advanced Learner-Anchal Verma became the Vice-President of the Heritage Club  
“MIRAASA”**

Daily Attendance Register of St. Bede's College for the month of _____ year 2021-22				CLASS: <u>B.A.I, II, III</u>															
Class: <u>B.A.I / II / III</u>				SUB: <u>HISTORY</u>															
Subject: <u>Advanced Learners Attendance</u>				PAPER: _____															
				MONTH: _____															
				YEAR: <u>2021-22</u>															
Serial Number	Name of Student	Registration No	Previous Attendance	DATES												No. of Lectures	Attendance		
				16	17	18	19	20	21	22	23	24	25	26	27			28	29
<b>B.A. III</b>				16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	Nicho Shakur	191096	P P P P P P P															7	7
2.	Adelhi Pandey	191082	P P P P P P -															7	6
3.	Hanchal Verma	191066	P P P P P P P															7	7
4.	Rohima Dulla	191077	P P - P P P P															7	6
<b>B.A. II</b>				16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	Ahjali Verma	201019	P P P P P P P															7	7
2.	Pragati Shakur	201183	P P P P P P P															7	7
3.	Devanshi Yadav	201030	P P P P P - P															7	6
<b>B.A. I</b>				16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1.	Shruti		P P P P P - P P															9	8
2.	Palk Sharma		P P P P P P - P															9	8
3.	Shrionjali		P P P - P P P P P															9	8
4.	Difiti Aard		P P P P P P P P															9	9

Teacher's Name: Ms. Pooja Chak  
Principal's Signature: [Signature]  
Dated: \_\_\_\_\_



## Slow Learners

Slow learners are identified on the basis of their response in the class and performance in the test. Thereafter following efforts are made to help the slow learners in my class:

- Slow learners are regularly inspired to fix goals for life and sometimes memory tips are given to them.
- They are encouraged for self-reading and to come to the department in extra time for understanding the keywords.
- They are provided with handwritten notes for the easy understanding
- They are encouraged to prepare power point presentations.
- They are constantly mentored by the faculty members of the department.
- They are provided additional learning opportunities through online sources.

Daily Attendance Register of St. Bede's College for the month of <u>                    </u> year <u>2021-22</u>										CLASS <u>B.A.II/II/III</u>								
										SUB <u>HISTORY</u>								
										PAPER <u>                    </u>								
										MONTH <u>                    </u>								
										YEAR <u>2021-2022</u>								
										Class <u>B.A.II/II/III</u>								
										Subject <u>Remedial Classes for Slow learners</u>								
										Paper <u>History</u>								
Serial Number	Name of Student	Registration No	Registration No	Previous Attendance	DATES												No. of Lectures	Attendance
					18	19	20	21	22	23	24	25	26	27	28	29		
B.A.II																		
1.	Khuski Gyrover	191009			P	P	P	P	-	-	P	P	P				9	6
2.	Sneha Chaurasia	191079			P	P	P	P	-	-	P	P	P				9	8
3.	Priyanka Durgdung	191083			P	P	P	P	-	-	P	P	P				9	8
4.	Preeti	19104			P	P	-	P	-	-	P	P	P				9	6
B.A.II																		
					14	15	16	17	18	19	20	21	22	23	24	25		
1.	Ritika Thakur	201048			P	P	-	P	P	-	P	P	P	P			10	8
2.	Divyanshu Chauhan	201129			P	-	P	P	P	P	P	-	-	P			10	7
3.	Ashani Chauhan	201192			P	P	P	P	P	P	P	P	P	-			10	9
4.	Vanshika Kumari	201145			P	P	-	P	P	P	-	P	P	P			10	8
B.A.I																		
					21	22	23	24	25	26	27	28	29	30	31			
1.	Aggna				P	P	P	P	P	P	P	-	-	P			10	8
2.	Divya				-	-	P	P	P	-	P	P	P	P			10	7
3.	Mehak Verma				P	P	P	P	-	-	P	P	P	P			10	8
4.	Harshita				P	-	-	-	P	-	P	P	P	P			10	6

Dated 28.03.2022

                      
Lecturer's Signature  
Lecturer Name

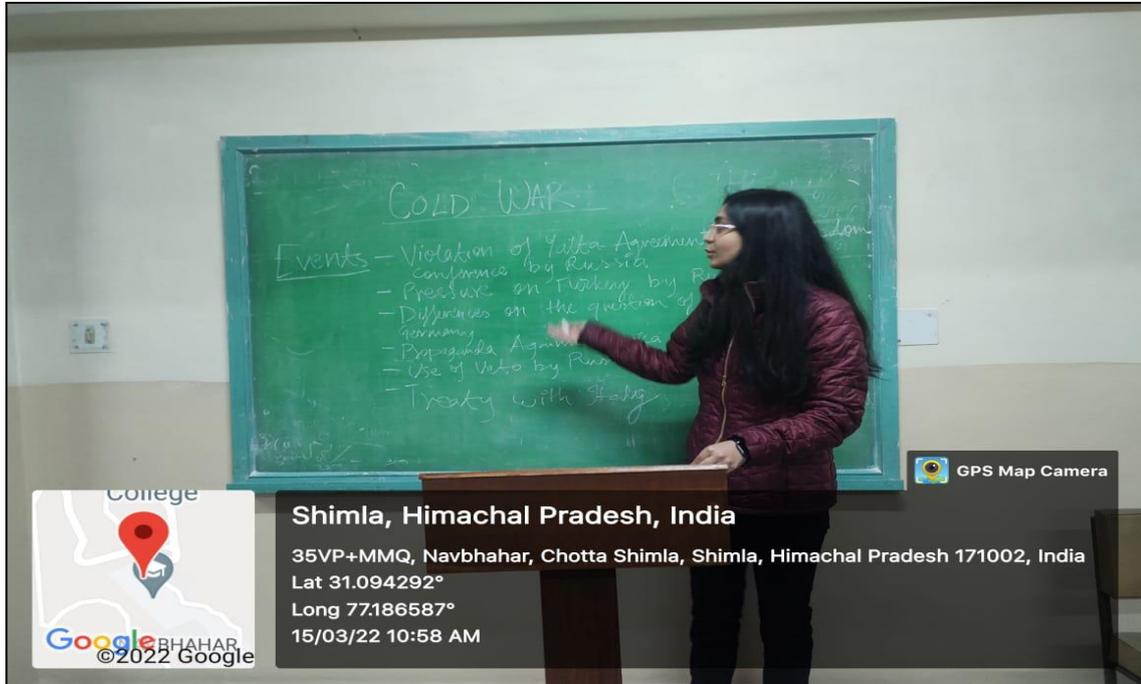
Dated                       
Received By                     

                      
Principal's Signature  
Clerk's Signature

Teacher's Name                       
Teacher



## Peer Teaching for Slow Learners





## Mentoring Slow Learners

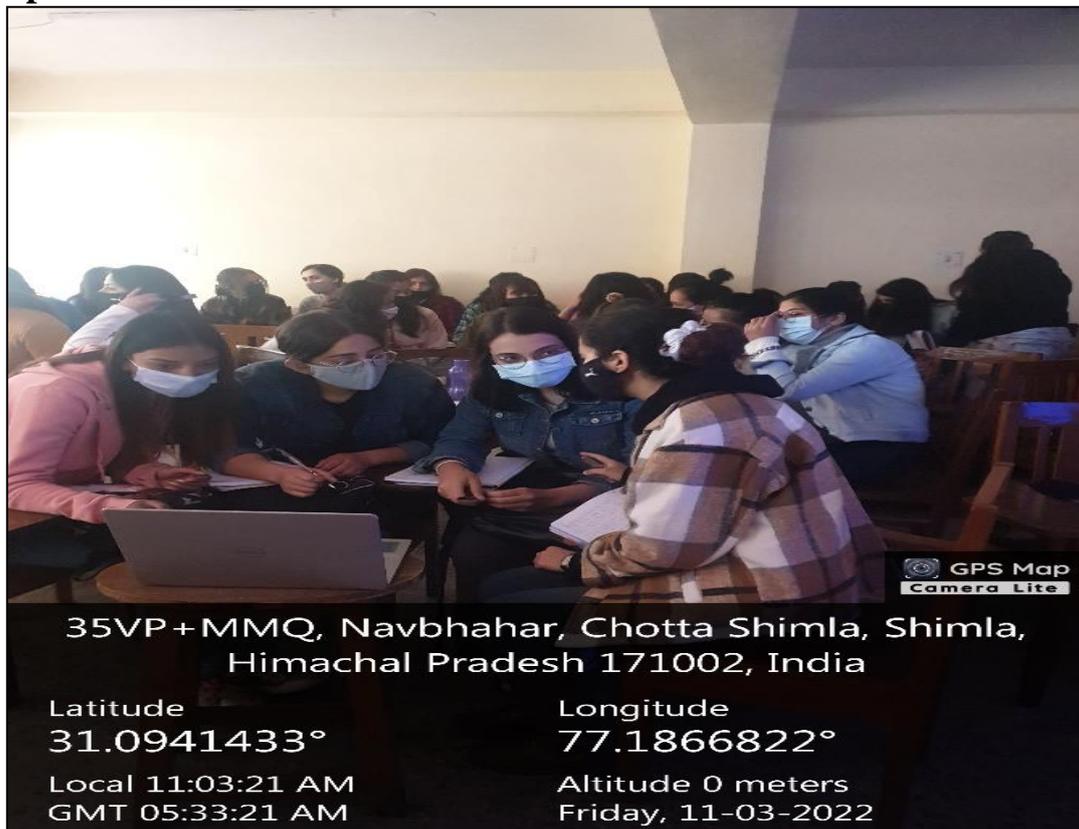




## Personal Councelling of Slow Learners

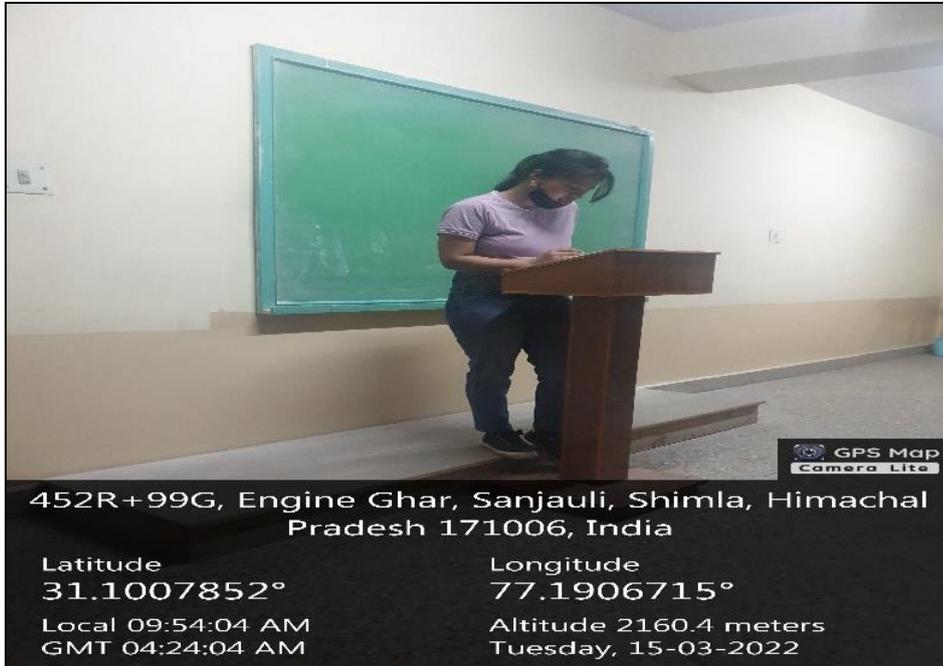


## Group Discussion





## Class Presentation





**Department of Zoology**  
**Slow and Advanced Learners**  
**2021-2022**

Guidelines for identifying Advanced Learners (bright students):

Advanced Learners (bright students) are those students who are ahead on the learning curve and require advanced technical know-how.

- Advanced learners are identified based on the performance in Examination of previous semester and internal examinations.

Following Special activities are conducted for Advanced Learners:

- i) Guiding for career planning.
- ii) Discussion or seminar on the advanced topic
- iii) Guiding the students for Competitive Examinations.
- iv) Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc

- i) Discussion on advanced topic

Name of Activity	Discussion on latest Topic
Date	21/09/2021, 12/10/2021, 8/02/2022, 3/03/22
Venue	Zoology Lab
Organized by	Department of Zoology
Name of Faculty	Dr. Shweta Thakur
Participated by	Students of B.Sc. II year
Content	Introduction to Medical Diagnostics and its importance
Objective	To familiarize the students regarding various dimensions of medical lab technology and career opportunities available in these fields. To develop practical understanding among the students associated with medical lab through classroom discussion/participation and projects.
Assessment/Activities	To prepare a presentation on different medical diagnostic methods
Outcome of Activity	Meaning and importance of knowledge of Laboratory base works and other key dimensions of laboratory management in hospitals.



Name of Activity	Discussion on latest Topic
Date	1/10/2021, 26/11/2021, 9/02/2022, 3/03/2022
Venue	Zoology Lab
Organized by	Department of Zoology
Name of Faculty	Dr. Jyotika Brari
Participated by	Students of B.Sc. I year
Content	Sensory Receptors
Objective	To Describe specialised sensory organs. To Illustrate the structure and function of photoreceptors, chemoreceptors, statoreceptors.
Assessment/Activities	To study the various types of sense organs of vertebrates via different models and preparing assignment on sensory organs.
Outcome of Activity	Learning structure and function of sensory receptors and their functions.

## Attendance Sheet

List of Advanced Learners

**Daily Attendance Register of St. Bede's College for the month of \_\_\_\_\_ year 2021-22**

Class: B.Sc. II<sup>nd</sup> year Subject: Zoology Paper: \_\_\_\_\_

Serial Number	Name of Student	Registration No.	Registration No.	Previous Attendance	DATES								
					04	08	20	23	27	15			
1.	Chinmay Sharma				P	P	P	A	P	P	P		
2.	Suha Thakur				P	P	A	P	P	P			
3.	Tarushi				P	P	P	P	P	P			
4.	Deepali				P	P	A	P	P	P			

List of Advanced Learners

**Daily Attendance Register of St. Bede's College for the month of \_\_\_\_\_ year 2021-22**

Class: B.Sc. I<sup>st</sup> year Subject: Zoology Paper: \_\_\_\_\_

Serial Number	Name of Student	Registration No.	Registration No.	Previous Attendance	DATES								
					1	9	26	30	1	3	9		
1.	Khushboo Sharma				P	P	P	P	P	P	P		
2.	Swati Verma				P	P	P	P	P	P	P		
3.	Semruti				P	P	A	P	P	P	P		
4.	Shreya Sharma				P	P	A	P	P	P	P		

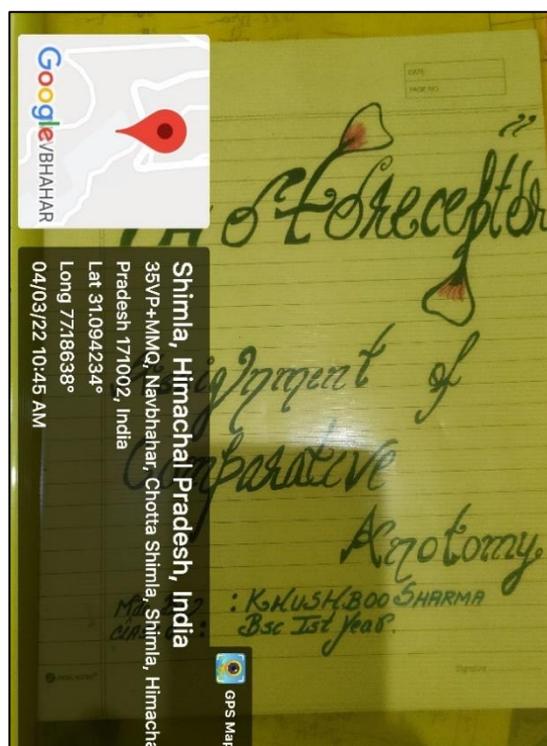
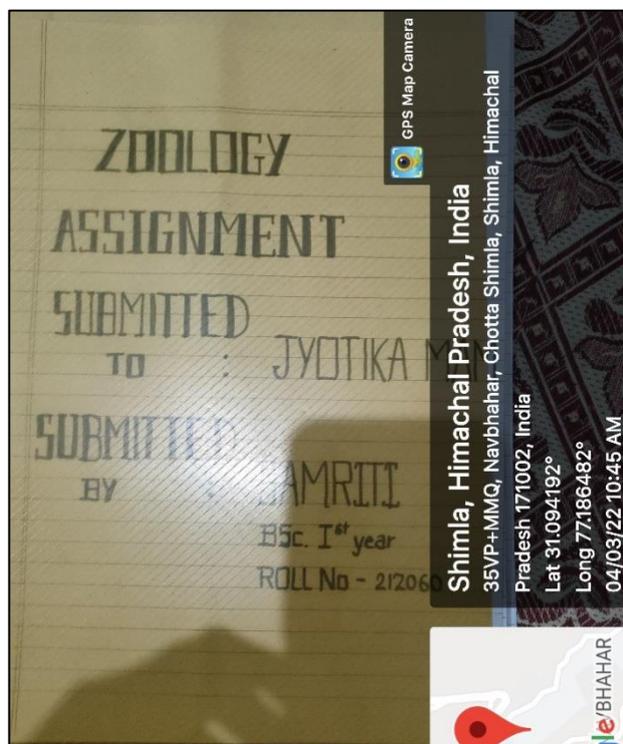


## Presentation by students





## Assignments submitted by students



## Guidance for Competitive Examinations

Name of Activity	Discussion on competitive exams in the classroom
Date	18/02/2022, 04/03/2022,
Venue	Classroom
Organized by	Department of Zoology
Name of Faculty	Dr. Shweta Thakur, Dr. Jyotika Brari
Participated by	Students of B.Sc. III year
Content	Discussion on question bank on competitive Zoology
Objective	To motivate the students to prepare for high level competitive exams. To make students aware of competitive examination and prior preparation along with academic syllabus. To make students focus on syllabus of competitive examination and learn how to prepare the questions.



## Department of Computer Science

### ADVANCED and SLOW LEARNERS (2021-22)

#### Advanced Learners

- The advanced learners are identified for the year and various assignments were given to enhance their capabilities.
- Question banks were given to the students to explore more options in their subject and for future competitive exams.
- Additional work as well as study material is given to the students to get better understanding.
- The advanced learners are given responsibility to guide their juniors in making projects and compiling files.
- Advanced learners are provided with extra books and study materials to add to their working skills.

#### Attendance Register for Advanced Learners

**St. Bede's College**



Shimla

**Students Attendance Register**

Name of Assoc/Asstt. Prof..... *Advanced learners* .....

Department..... *Computer Science* .....

Class..... *BCA, B.Sc./B.A.* ..... Semester..... *1* .....

Subject (Major/Minor)..... Session..... *2021-22* .....

*Advanced learners* Department of *Computer Science*  
Subject..... Faculty..... *Advanced* ..... Class..... *I, II, III* .....

Section..... Semester..... Session..... *2021-22* .....

S. No.	Regd. No.	Name	Univ. Roll No.	Parent	Phone No. Student
1		<i>BCA 1st year</i>			
2					
3		<i>Pragya Singh</i>		<i>98490488</i>	<i>98490488</i>
4		<i>Moharaj Singh</i>		<i>98490488</i>	<i>98490488</i>
5		<i>Ashika Sharma</i>		<i>98490488</i>	<i>98490488</i>
6		<i>Nikita Sharma</i>		<i>98490488</i>	<i>98490488</i>
7					
8		<i>BA/BSc 1st year</i>			
9					
10		<i>Pallavi</i>			
11		<i>Mansi</i>			
12		<i>Vishal</i>			
13		<i>Shreya</i>			
14		<i>BCA 2nd year</i>			
15					
16		<i>Prityanka</i>			
17		<i>Ashika</i>			
18					
19					
20					
21		<i>BA/BSc 2nd year</i>			
22		<i>Deepanjali</i>			
23		<i>Navya</i>			
24					
25		<i>BCA 3rd year</i>			
26		<i>Geetanjali</i>			
27		<i>Aashika</i>			
28		<i>Roshni</i>			





## Assignments

The screenshot shows the 'Edit assignment' page in a learning management system. The page has a dark blue header with a search bar and user profile. On the left is a navigation sidebar with icons for Activity, Chat, Teams, Assignments, Calendar, Calls, and Files. The main content area is titled 'Edit assignment' and includes the following sections:

- Title (required):** 'visual basic' with an 'Add category' link.
- Instructions:** 'visual basic file submission (.pdf format)' with 'Attach', '+ New', and 'Apps' options.
- Points:** 'No points' with an 'Add rubric' link.
- Assign to:** 'Don't assign to students added to this class in the future.'
- Date due:** 'Sun. Jun 20, 2021' with a calendar icon.
- Time due:** '11:59 PM' with a clock icon.
- Settings:** Includes checkboxes for 'Assignment has not been added to calendars.' and 'Post assignment notifications to this channel: General'.

Buttons for 'Cancel', 'Delete', and 'Update' are located in the top right corner. The Windows taskbar at the bottom shows the system tray with weather (17°C Haze), time (13:49), and date (19-03-2022).

The screenshot shows a code editor window titled 'visual file'. The editor has a menu bar (File, Home, Insert, Layout, References, Review, View, Help) and a toolbar with various editing tools. The main text area contains the following code:

```
Application 1: Application to display hello world using button.  
Design mode:  
  
Code:  
Public Class Form1  
Private Sub btn_Click(sender As Object, e As EventArgs) Handles btn.Click  
labelHelloWorld.Text = "Hello World"  
End Sub  
Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
```

On the right side, there is a 'Student Work' panel with a 'visual file.docx' document, a 'Feedback' section with an 'Enter feedback' input field, and a 'Return' button. The Windows taskbar at the bottom is identical to the first screenshot.



## Question Bank

slow learners 2021-22.pdf x slow learners 2021-22.pdf x DEPARTMENT OF COMPUTER S... x +

File | E:/DEPARTMENT%20DATA%202021-22/Department%20of%20Computer%20Science%20data%20session%202021-22/Department%20of%20Computer%20Science%20Qu... |

1 of 21

Page view | Read aloud | Add text | Draw | Highlight | Erase |

**COMPUTER SCIENCE**

**QUESTION BANK**

Type here to search | 20°C Haze | 10:42 06-04-2022

slow learners 2021-22.pdf x slow learners 2021-22.pdf x DEPARTMENT OF COMPUTER S... x +

File | E:/DEPARTMENT%20DATA%202021-22/Department%20of%20Computer%20Science%20data%20session%202021-22/Department%20of%20Computer%20Science%20Qu... |

3 of 21

Page view | Read aloud | Add text | Draw | Highlight | Erase |

**COMPUTER GRAPHICS**

- The phenomenon of having a continuous glow of a beam on the screen even after it is removed is called as  
A. fluorescence  
B. persistence  
C. phosphorescence  
D. incandescence  
**Option: C**
- Which statement about beam penetration method for producing color display is true ?  
A. It is used with raster scan monitors  
B. It is used with random scan monitors  
C. By using beam penetration method, a wide range of colors can be obtained  
D. It uses three beam penetration guns, one for each green, blue and red colors  
**Option: B**
- A line connecting the points (1,1) and (5,3) is to be drawn, using DDA algorithm. find the value of x and y increments  
A. X-increments = 1; y-increments =1  
B. X-increments = 0.5; y-increments =1  
C. X-increments = 1; y-increments =0.5  
D. None of above  
**Option: C**
- Which display is best suited for cad systems?  
A. A CRT with vector refresh monitor  
B. A CRT with raster scan monitor  
C. Plasma panel display  
D. Led display  
**Option: B**
- When the computer is not able to maintain operation and display, bright spots occur in the screen. This is called.

Type here to search | 20°C Haze | 10:43 06-04-2022





## Teaching sessions by Advanced Learners



## Slow Learners

- The slow learners are identified as per the class performance. They are provided with additional guidance and study material whenever required.
- They are provided with extra notes, previous year question papers and books for references.
- Extra classes are taken for the students so as to listen to their problems
- Advanced learners are asked to help the slow learners as and when required.



## ATTENDANCE REGISTER FOR SLOW LEARNERS

### St. Bede's College

**Shimla**

#### Students Attendance Register

Name of Assoc/Asstt. Prof. Slow learners

Department Computer Science (B.A/B.Sc)

Class \_\_\_\_\_ Semester \_\_\_\_\_

Subject (Major/Minor) \_\_\_\_\_ Session 2021-22

Department of Computer Science

Subject Slow learners Faculty Science Class B, II, III

Section \_\_\_\_\_ Semester \_\_\_\_\_ Session 2021-22

S.No.	Regd. No.	Name	Univ. Roll No.	Parent	Phone No.	Student
1		BCA-I <sup>st</sup>				
2		Riya				
3		Anshika				
4		Neha				
5		Muskan				
6						
7						
8		B.A/B.Sc-I				
9		Sneha				
10		Muskan				
11						
12						
13						
14		B.A/B.Sc-II <sup>nd</sup>				
15		Muskan				
16		Crishika				
17						
18						
19						
20						
21		BCA-II				
22		Nitima				
23						
24						
25						
26						
27						
28						

Nitima

Month	Sept	Oct	Nov	Year
1	P	P	P	P
2	P	P	P	P
3	P	P	P	P
4	P	P	P	P
5	P	P	P	P
6	P	P	P	P
7	P	P	P	P
8	P	P	P	P
9	P	P	P	P
10	P	P	P	P
11	P	P	P	P
12	P	P	P	P
13	P	P	P	P
14	P	P	P	P
15	P	P	P	P
16	P	P	P	P
17	P	P	P	P
18	P	P	P	P
19	P	P	P	P
20	P	P	P	P
21	P	P	P	P
22	P	P	P	P
23	P	P	P	P
24	P	P	P	P
25	P	P	P	P
26	P	P	P	P
27	P	P	P	P
28	P	P	P	P

**Formative Assessment (CCA)**

Formal Assessment Seminars, Quizzes, etc.	Minor Tests M-I	Minor Tests M-II	Total CCA (50)
(15)	(15)	(15)	(50)

Nitima

S. No.	Regd. No.	Name	Month	Sept	Oct	Nov	Year
1		BCA-I	1	P	P	P	P
2		Riya	2	P	P	P	P
3		Anshika	3	P	P	P	P
4		Neha	4	P	P	P	P
5		Muskan	5	P	P	P	P
6			6				
7			7				
8		B.A/B.Sc-I	8				
9		Sneha	9				
10		Muskan	10				
11			11				
12			12				
13			13				
14		B.A/B.Sc-II	14	P	P	P	P
15		Muskan	15	P	P	P	P
16		Crishika	16	P	P	P	P
17			17				
18			18				
19			19				
20			20				
21		BCA-II	21				
22		Nitima	22				
23			23				
24			24				
25			25				
26			26				
27			27				

Neha Wadhwa

Month	September	Year
1	P	2021
2	P	
3	P	
4	P	
5	P	
6	P	
7	P	
8	P	
9	P	
10	P	
11	P	
12	P	
13	P	
14	P	
15	P	
16	P	
17	P	
18	P	
19	P	
20	P	
21	P	
22	P	
23	P	
24	P	
25	P	
26	P	
27	P	
28	P	

**Formative Assessment (CCA)**

Formal Assessment Seminars, Quizzes, etc.	Minor Tests M-I	Minor Tests M-II	Total CCA (50)
(15)	(15)	(15)	(50)



## Previous Year Question Papers

Roll No. ....

Total No. of Questions : 9] [Total No. of Printed Pages : 3  
(1047)

**B.C.A. (CBCS) RUSA Vith Semester  
Examination**

**3770**

**COMPUTER GRAPHICS**  
Paper : BCA0604

**Time : 3 Hours] [Maximum Marks : 50**

*Note :- Answer any five questions, selecting any one question from each Unit. Q. No. 9 is compulsory. All questions carry equal marks.*

**Unit-I**

1. (a) Compare the functions performed by display processors in random scan and in vector scan systems.

(b) Explain the following terms :

(i) interlacing

(ii) light pen

**C-549 ( 1 ) Turn Over**

Roll No. ....

Total No. of Questions : 9] [Total No. of Printed Pages : 3  
(1047)

**B.C.A. (CBCS) RUSA Vith Semester  
Examination**

**3770**

**COMPUTER GRAPHICS**  
Paper : BCA0604

**Time : 3 Hours] [Maximum Marks : 50**

*Note :- Answer any five questions, selecting any one question from each Unit. Q. No. 9 is compulsory. All questions carry equal marks.*

**Unit-I**

1. (a) Compare the functions performed by display processors in random scan and in vector scan systems.

(b) Explain the following terms :

(i) interlacing

(ii) light pen

**C-549 ( 1 ) Turn Over**

## Assignments

The screenshot shows a Microsoft Word document titled 'DEPARTMENT OF COMPUTER SCIENCE Ms. Neha walia.docx'. The document content includes a title 'Assignment' and a drawing of a computer monitor. The drawing shows a screen with a grid and a cursor, and a keyboard below it. The word 'COMPUTER' is written in large letters at the bottom of the drawing. The document is on page 18 of 19, with 69 words. The system tray shows the date as 06-04-2022 and the time as 11:49.



## Extra classes by faculty

