

1.2 Curriculum Planning and Implementation

Being a government institution, Atal Bihari Vajpayee Government College, Takipur follows the curriculum, rules, and regulations framed by its affiliating universities—Himachal Pradesh University, Shimla and Sardar Patel University, Mandi for effective curriculum delivery. In undergraduate classes, Himachal Pradesh University introduced the UGC Choice Based Credit System (CBCS) from the academic session 2016–17, replacing the earlier RUSA CBCS framework with the objective of improving the quality of education and enhancing the employability of students.

Under the CBCS system, undergraduate students are provided with considerable flexibility to choose courses according to their interests and career goals. The curriculum is structured into different categories of courses, which include:

- **Discipline Specific Courses (DSC)**
- **Ability Enhancement Compulsory Courses (AECC)**
- **Skill Enhancement Courses (SEC)**
- **Generic Elective Courses (GE)**

This flexible curriculum structure allows students to develop subject-specific knowledge along with essential skills, interdisciplinary understanding, and competency-based learning.

Under Graduate (Pass Course) : Three-Year CBCS Programme			
Basic Structure: Distribution of Courses			
1	Ability-Enhancement Compulsory Course (AECC)	2 Papers of 4 Credit Hrs. each (Total Credit Hrs. 4×2)	8
2	Skill-Enhancement Elective Course (SEC)	4 Papers of 4 Credit Hrs. each (Total Credit Hrs. 4×4)	16
3	Core Course	12 Papers of 6 Credit Hrs. each (Total Credit Hrs. 12×6) (5 Lectures and 1 Tutorial)	72
4	Discipline Specific Elective (DSC)	4 Papers of 6 Credit Hrs. each (Total Credit Hrs. 3×6) (5 Lectures and 1 Tutorial)	24
5	Generic Elective (GE)	2 Papers of 6 Credit Hrs. each (Total Credit Hrs. 3×6) (5 Lectures and 1 Tutorial)	12
	Total Credits		132

(i) Teaching Schedule

The college academic calendar is being framed as per Himachal Pradesh University Academic Calendar. Thus the time table committee of the college prepares a weekly time table and teaching schedule of the college with the final approval of the college principal.

Academic calendar of current session time-tables of different sessions.**“Online admission schedule for academic session 2024-25”**

Online Admission Schedule with respect to Govt. Degree College Takipur for 1st, 2nd & 3rd year of B.A/B.Sc/B.Com, under CBCS Annual System for the session 2024-25 is as follows:

Sr. No.	Particulars	Period	Days
Admission/Regular Study Schedule			
1.	Online submission of admission form for the session 2024-25	03-06-2024 to 15-07-2024	43 days
	Pre admission counselling of students	03-06-2024 to 15-06-2024	
	Display of 1 st merit List (UG 1 st year students)	16-07-2024 upto 1: 00 PM	
	Fee to be deposited	16-07-2024 to 19-07-2024	03 days
	Display of 2 nd Merit list	20-07-2024 upto 11: 00 AM	
	Fee to be deposited	20-07-2024 upto 05: 00 PM	01 day
	Orientation of 1 st year students	22-7-2024	01 day
	Admission of UG 2 nd and 3 rd year students on roll on basis	06-06-2024 to 15-07-2024	41 days
	Fee to be deposited (UG 2 nd and 3 rd year students on Roll on basis)	06-06-2024 to 19-07-2024	44 days
	Post admission counselling	20-07-2024 & 22-07-2024	02 days
	Regular Teaching	23-07-2024 to 28-10-2024	79 days
		04-11-2024 to 31-12-2024	48 days
		05-02-2025 to 29-03-2025	45 days
		Remedial classes beyond normal teaching hours (at least 54 hours)	09 days
		Total teaching days	181 days
Vacation schedule			
2.	Summer Vacation	18-06-2024 to 12-07-2024	25 days
	Diwali Break	29-10-2024 to 02-11-2024	05 days
	Winter vacation	01.01.2025 to 04-02-2025	35 days
		Total Vacation days	65 days
Examination/Evaluation Schedule			
3.	Examination	01-04-2025 to 14-05-2025	44 days
	Evaluation of Answer scripts	10-04-2025 to 17-05-2025	38 days
	Results of all UG classes	Upto 30-06-2025	

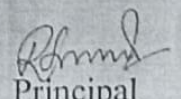
Note: Results of all undergraduate classes of academic year 2024-25 should be declared on or before 31st July 2025 positively. Results of re-evaluation should be declared upto 07 Sept. 2025. Supplementary exam for academic year 2023-24 may be conducted in Sept. 2024 and results of the same be declared by Oct. 2024.

Academic Calendar of College ABV GDC, Takipur**Days to be celebrated during 2024-25**

Sr. No.	Dated	Occasion	Organizer
01	15 Aug, 2024	National Independence Day	College
02	5 th Sep, 2024	Teachers Day	College
03	14 th Sep, 2024	Hindi Diwas	Deptt. Of Hindi
04	24 th Sep, 2024	NSS Day	NSS Unit
05	27 th Sep, 2024	World Tourism Day	Deptt. Of History
06	1 st Oct, 2024	Health and Hygiene	Prof. Aman Walia
07	2 nd Oct, 2024	Gandhi Jayanti	Deptt. Of Political Science
08	16 th Oct, 2024	World Food Day	Deptt. Of Zoology
		Nutrition & Health	
09	9 th Nov, 2024	Legal Service Day	Deptt. Of Political Science
10	19 th Nov, 2024	National Integration Day	NSS Unit
11	26 th Nov, 2024	Constitution Day	Deptt. Of Political Science
12	1 st Dec, 2024	World Aids Day	Red Ribbon Club
13	2 nd Dec, 2024	National Pollution Day	Deptt. Of Botany
14	10 th Dec, 2024	Human Rights Day	Deptt. Of Political Science
15	22 nd Dec, 2024	Ramanujan Birthday	Deptt. Of Mathematics
16	25 th Jan, 2025	Himachal Day	Deptt. Of Political Science
		Voters Awareness Day	
17	28 th Feb, 2025	Science Day	Deptt. Of Science

General Quiz Competition

Sr. No.	Dated	Occasion	Organizer
01	1 st Oct, 2024	On Gandhi Jayanti	Deptt. Of Political Science & History
02	21 st Oct, 2024	On National Movement	Deptt. Of Political Science & History
03	10 th Feb, 2025	On Himachal Day	Deptt. Of Political Science & History
04	28 th Feb, 2025	On Science Day	Deptt. Of Science


Principal

Principal
 Atal Bihari Vajpayee
 Govt. Degree College, Takipur
 Dist. Kangra (H.P.)
 D.D.O. Code - 280

Time Table of B.Sc. 1st, 2nd and 3rd Year for the Academic session 2024-2025 (Effective from 23.07.2024)

Class	10.00 am - 10.50 am	10.50 am - 11.40 am	11.40 am - 12.30 pm	12.30 pm - 01.20 pm	01.20 pm - 2.10 pm	2.10 pm - 3.50 pm
BSC I	CHEM101/CHEM 102 (1-6) (Dr. Sunil Kumar) Room-Chem Lab	PHYS 101/PHYS102 (1-6) (Prof.Suresh Kumar) Room- Phy Lab saturday ICT lab 203	MATH101/MATH102 (1-6) (Dr. PritiBala) LH-2 (Smart Class)	ENGLISH (AECC) (1-3) (Ms. Aman Walia)	BOTA101/ BOTA 102 (Prof Sahil) Room-Botany Lab Friday ICT lab 203 Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	1-2 CHEM Practical (CHEM Lab) 3-4 PHY Practical (Physics Lab) 3-4 ZOO Practical (Zoo Lab) 5-6 BOTA Practical (Botany Lab)
BSC II	MATH 201/MATH 202 (1-6) (Dr. Priti Bala) LH-2 (Smart Class)	CHEM 201/ CHEM 202 (1-4) (Dr. Sunil Kumar) Room-Chem Lab Saturday LH-2 (Smart Class) CHEM 203/ 204 (Chem Lab) (5-6)		PHYS201/PHYS202 (1-6) (Prof.Suresh Kumar) Room-Physics Lab PHYS 203/205 (Physics Lab) (5-6)	MATH 307/ 309 MATH 310 (4-6) LH-2 (Smart Class) PHYS203/PHYS205 (1-3) (Physics Lab) Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	3-4 CHEM Practical (CHEM Lab) 5-6 PHY Practical (Physics Lab) 5-6 ZOO Practical (Zoo Lab) 1-2 BOTA Practical (Botany Lab)
BSC III	BOTA201/BOTA202 (Prof Sahil) (1-4) Friday ICT lab 203 Room-Botany Lab BOTA 203 BOTA 204 (5-6)	BOTA301/ BOTA 302 (Prof Sahil) (1-4) Room-Botany Lab Friday ICT lab 203 BOTA 203 BOTA 204 (5-6) MATH (1-4) Dr. Priti Bala LH-2 (Smart Class) MATH (5-6) Dr. Priti Bala Room No. 302	PHYS 301/PHYS 304 (1-6) Prof. Suresh Kumar Room No. 205 Thursday ICT lab 203	CHEM301/CHEM 305 (1-4) (Dr. Sunil Kumar) Room-Chemistry Lab Saturday LH-2 (Smart Class) CHEM 307/308 (Chem Lab) (5-6)	MATH (1-3) Dr. Priti Bala LH-2 (Smart Class) ZOO301(A)/ZOO302 (1-4) (Prof Medha) Room-Zoology Lab Thursday ICT lab 203 ZOO303/304 (3-4) PHYS 307/310 Prof. Suresh Kumar(4-6) (Physics lab) Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	1-2 PHY Practical (Physics Lab) 1-2 ZOO Practical (Zoology Lab) 5-6 CHEM Practical (CHEM Lab) 3-4 BOTA Practical (Botany Lab)

Convener Time Table
(Dr. Vijay Kumar) (For clash/query intimate to the convener)

Principal

GDC Takipur (Kangra)
Atal Bihari Vajpayee
Govt. Degree College, Takipur
Distt. Kangra (H.P.) - 176036

Time Table of B.Com 1st, 2nd and 3rd Year for the Academic session 2024-2025 (Effective from 23.07.2024)

Time & Class	10.00-10.50	10.50-11.40	11.40-12.30	12.30-1.20	1.20-2.10	2.10- 3.00	3.00 - 3.50
B.Com 1 st Year	Financial Accounting (1-3) R. N.03 Dr. Bhagwan Dass Bus.org. & Mgt & EVS (4-6) R.N 03 Dr Bhagwan Dass	Bus. Math & statistics (1-3) R.N 03 Tuesday LH-2 (Smart Class) Business Law & EVS (4-6) R.N 03		Eng(AECC) B.A/B.Com/B.Sc (1-2) R.N 301 (Hall) Prof. Aman Walia English (Core)Compulsory B.A/B.Com (3-4) R.N301 (Hall) Prof. Aman Walia Tuesday MPH (Smart class)	Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	Hindi(Core) B.A/B.Com (1-2) R.N 107 Dr Ashwani Sharma	
B.Com 2 nd Year		Income Tax (1-3) R. N 0111 Dr Bhagwan Dass Cost accounting (4-6) R.N 111 Dr Bhagwan Dass Monday LH-2 (Smart Class)	English(Core) Compulsory (4-6) B.A/B.Com R.N0 301 (Hall) Prof. Aman Walia Tuesday MPH (Smart class)	Corporate accounting (1-3) R.No. 111 E. Commerce (4-6) R.N0111	Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	Computer Application (1-3) R.No.111 (ICT lab 203) Company Law (4-6) R.N0111 Dr Bhagwan Dass	Hindi(Core) B.A/B.Com (1-3)R.No. :111 Dr Ashwani Sharma
B.Com 3 rd Year	Mgt. accounting (1-3) R.N.111 Entrepreneurship (4-6) R.N02	Economy of HP (1-3)R.N02 Indian economy (4-6) R.N 107		Fundamental of Insvt. (1-3) R. N 03 Dr Bhagwan Dass Personal selling and salesmanship (4-6) R.N 03 Dr. Bhagwan .Dass Monday LH-2 (Smart Class)	Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	Fundamental of finc. Mgt (4-6) R.N03 Corporate Governance & Auditing (1-3) R.N03 Dr Bhagwan Dass Monday LH-2 (Smart Class)	

Convener Time Table
(Dr. Vijay Kumar)
(For clash/query intimate to the convener)

Principal
Atal Vihari Vajpayee Govt. Degree College Takipur (Kangra)

Principal
Atal Bihari Vajpayee
Govt. Degree College, Takipur
Distt. Kangra (H.P.) - 176036

Time Table of B.A. 1st, 2nd and 3rd Year for the Academic session 2024-2025 (Effective from 23.07.2024)

	10.00-10.50	10.50-11.40	11.40-12.30	12.30-1.20	1.20-2.10	2.10-3.00	3.00-3.50
B.A. 1 st Year	Hindi DSC1&DSC11&EVS (1-3) R.N.112 Dr. Ashwani Sharma	History DSC1&DSC11&EVS (1-6) R.N.203 Prof. Lekh Raj	Pol.Sc DSC1&DSC11&EVS (1-6) R.N.112 Prof. Vijay Kumar Wednesday MPH (Smart class)	Eng(AECC) B.A/B Com/B.Sc (1-2) R.N.03 Prof. Aman Walla	Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	Hindi(Core) B.A/B Com (1-2)R.N.03 Dr. Ashwani Sharma Economics DSC1&DSC11&EVS (4-6) R.N.112	Economics DSC1&DSC11&EVS (1-3) R.N.112 Music DSC1&DSC11&EVS (1-6) Music Room
A. 2 nd Year	History DSC1&DSC11 (1-6) R.N.203 Prof. Lekh Raj Tuesday MPH (Smart class)	Pol.Sc DSC1&DSC11 (1-6) R.N.112 Prof. Vijay Kumar Tuesday MPH (Smart class)	English(Core) Compulsory (4-6)R.N.302 Prof. Aman Walla Economics DSC1&DSC11 (1-3) R.N.203 Music DSC1&DSC11 (1-3) Music Room	Music DSC1 & DSC11 (4-6) Music Room Hindi (Core) B.A/B Com (1-3)R.N.302 Hindi Sec-I & II (3-4) R.N.302 Hindi DSC1 & DSC11 (5-6) R.N.107 Dr. Ashwani Sharma	Pol.Sc Sec-I & II (4-6) R.N.112 Prof. Vijay Kumar Economics Sec-I & II (1-3) R.N.203 Music Sec-I & II (1-2) Music Practical (3-4) Music Room Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	English DSC1 & DSC11 (4-6)R.N.302 Prof. Aman Walla English Sec-I & II (1-3) R.N.302 History Sec-I & II (1-2) R.N.203 Prof. Lekh Raj	Economics DSC1 & DSC11 (4-6) R.N.203
A. 3 rd Year	Hindi Sec-I & II & G.E (4-6) R.N.112 Dr. Ashwani Sharma Monday MPH (Smart class)	Music DSC1 & DSC11 (1-6) Music Room	English DSC1 & DSC11 (1-3) R.N.107 Prof. Aman Walla Hindi DSC1 & DSC11 (1-6) R.N.304 Dr. Ashwani Sharma	History DSC1 & DSC11 (1-6) R.N.203 Prof. Lekh Raj Monday MPH (Smart class)	Micro-Economics (1-3) R.N.107 Indian economy Sec & G.E (4-6) R.N.107 Pol.S Sec-I & II & G.E (1-3) R.N.304 Prof. Vijay Kumar Music Practical (5-6) Mentor/mentee Session (2 nd Saturday of every month) Capacity building of student (last Saturday of every month)	English Sec I&II (5-6) R.N.304 Prof. Aman Walla History Sec-I & II (5-6) & G.E (3-4) R.N.203 Prof. Lekh Raj	Pol.Sc DSC1 & DSC11 (1-6) R.N.107 Prof. Vijay Kumar Monday MPH (Smart class)

Convener Time-Table

(Dr. Vijay Kumar)
(For clash/query intimate to the convener)Principal
Atal Vihari Vajpayee Govt. Degree College Takipur (Kangra)

1.2 (ii) Learning Outcomes

B.A (Bachelor of Arts)

Sr. No.	Name of Paper	Subject outcome
1	English	- Writing Skills: To develop students' ability to write clear, coherent, and well-structured essays. - Critical Thinking: To enhance critical thinking skills through analysis of texts and the formulation of arguments. - Research Proficiency: To introduce students to research methodologies and the effective use of sources. - Reading Comprehension: To improve reading skills by engaging with a variety of texts, fostering deeper understanding and interpretation. - Foster Communication Skills: To cultivate effective oral and written communication, enabling students to express their ideas confidently - Improve Language Proficiency: Strengthen reading, writing, listening, and speaking skills. - Enhance Academic Writing: Teach students how to structure essays and research papers effectively.
2	Hindi	- प्रयोजनमूलक हिन्दी <FUNCTIONAL HINDI> से तात्पर्य हिन्दी के उस स्वरूप से है जो विज्ञान, तकनीकी, विधि, संचार एवं अन्यान्य गतिविधियों में प्रयुक्त होती है। इसे कामकाजी हिन्दी भी कहा जाता है। किस भाषा का प्रयोग किसी विशेष प्रयोजन के लिए किया जाता है। उसे प्रयोजनमूलक हिन्दी भाषा कहा जाता है। - छात्रों में साहित्य समझने, उसका आस्वादन करने तथा मूल्यांकन करने की दृष्टि को बढ़ाना।
3	Pol. Science	- Students learned about Indian and western political thought. - Provide the knowledge to the student about government structure in India and

		its functioning under different conditions. • Makes students to understand the political communication and its forms. • Benefits students to understand the process of liberalization, e-Governance, the civil society and the new emerging movements in India.
4	Economics	• Economics is mainly divided into two branches i.e. micro economics and macroeconomics. • By studying economics at graduation level, student can develop the ability to understand and explain the terms, concept and theories of economics.
5	History	• Studying history helps the students to understand the world around us and develop a deeper appreciation for current affairs. • Students learned about importance of Indian culture and its rich diversity. • Students learned about architecture development. • Understanding the causes and consequences of the various historical battles. • Understanding the main characteristics of modern and contemporary history
6	Music Instrumental	• Students can identify, read, write, and work with the elements of music, such as rhythm, melody, harmony, and structure. • Students can understand a variety of musical literature from different eras, genres, and cultural sources. • Students can perform a variety of musical styles that suit their needs, interests, and degree path.

B.Sc (Bachelor of Science NM & Med)

1	Physics	• Makes students able to demonstrate a conceptual understanding of fundamental physics principles. • Makes students able to solve problems using scientific reasoning, quantitative methods, and acquired knowledge and skills. • Makes students able to design and troubleshoot experiments, acquire data, analyze data, and interpret experimental results. • Makes students able to conduct research-work/project successfully.
2	Chemistry	• Students should be able to understand the fundamentals of chemistry, including theories in analytical, inorganic, organic, and physical chemistry. • Makes students able to use critical thinking and analytical reasoning to solve chemistry problems. • Students should be able to perform experiments, and analyze the results. • College students should understand how to handle chemicals and equipments safely, and be aware of environmental issues.
3	Botany	• Students can learn about the structure, chemistry, and functions of cells and organelles. • Students can able to understand the diversity of lower cryptogams, such as algae, fungi, bacteria, and viruses. • Students can learn about plant ecology and taxonomy, the characteristics of plant communities, and the structure and functions of ecosystems. • Students can learn about plant interactions with microbes and insects.
4	Zoology	• Students learn the fundamentals of zoology and interaction of living organisms. • Students learn about the anatomy of various animals, taxonomy, breeding, and biodiversity.

		- Students learn about environmental conservation processes, pollution control, and the protection of endangered species. - Students learn about genetics and its importance in human life.
5	Mathematics	- It makes the students to solve problems in a variety of contexts and at different levels while applying mathematical concepts. - Students should be able to apply logical deduction to prove mathematical equations and able to draw conclusions based on mathematical information. - Students should be able to use technological tools like computer algebra systems and computer programming languages. - Students should be able to recognize and appreciate the connections between theory and applications.

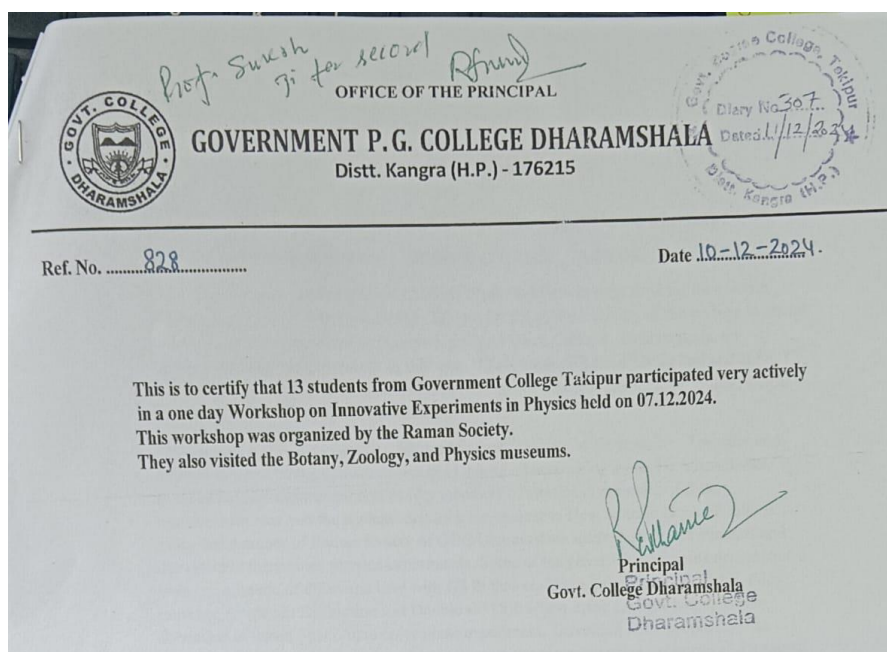
B.Com (Bachelor of Commerce)

1	Commerce	- It enables the students to know basic concept of accounting and procedures - It enables the students about Liberalization, Privatization and Globalization in modern business world. - Enabling students to develop understanding about income-tax and e-filing procedures. - To make students aware of various business and company laws relating to the business and companies. - Helps students to understand the importance of e-commerce or online business.
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1.2 (iii) Curriculum Enrichment Practices

The curriculum enrichment is an absolutely vital and a dynamic process in any educational system. The enrichment of curriculum includes various projects, surveys and educational tours etc. which makes the students to extend their knowledge beyond their main course of studies. It also helps the students to provide opportunities for broadening of their student-life experiences in widespread future education.

Here are the following curriculum enrichment activities were organized and conducted by faculty & students of ABV GC Takipur.

(a) Educational visit at Govt PG College Dharamshala

Report

One Educational Tour to Govt. College Dharamshala on 07.12.2024.

ATAL BIHARI VAJPAYEE GOVT. DEGREE COLLEGE, TAKIPUR, DISTRICT KANGRA

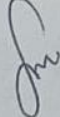
A one day educational tour to Govt. College Dharamshala was organised for the science students of A.B.V.Govt degree college Takipur by the science society of the college to attend one day workshop organised by Raman Society of Govt. College Dharamshala on innovative Physics Experiments in this tour, 13 students of B.Sc. 1st, B.Sc 2nd and B.Sc. 3rd year (MEDICAL and Non-Medical streams) along with one Faculty member Suresh kumar Assistant professor in Physics participated.

The students and faculty member departed from the college at 10.00am by Traveller and reached at Govt. college Dharamshala at 11.15am. after reaching there, Dr. Vikram vats, Head of Physics department and faculty members of physics department of GDC Dharamshala received the students and took the student to New Science block of college. After that member of Raman society of GDC Dharamshala made 4 groups of students and demonstrate the various physics experiments. Some of the physics experiments demonstrated were experiment. of effort and load with 1/8 th factors, Magnetic coupled oscillator, Eddy currents, Single slit Diffraction and Double slit Diffraction using LASER beam, Vortex formation in water, Space-time co-ordinate experiment, Travelling microscope, Lorentz transformation using magnet, Angular momentum conservation using cycle wheel, Formation of Progressive wave using scale, Fourth state Plasma, Prism experiment using spectrometer etc. The students showed keen interest in these innovative experiments and participated actively.

After 2pm all the students visited Botany, Zoology and Physics museums and their respective laboratories. At last, all the students visited library of GDC Dharamshala. At the end students were taken back to the college at 4.00pm from where they dispersed to their home.

SURESH KUMAR

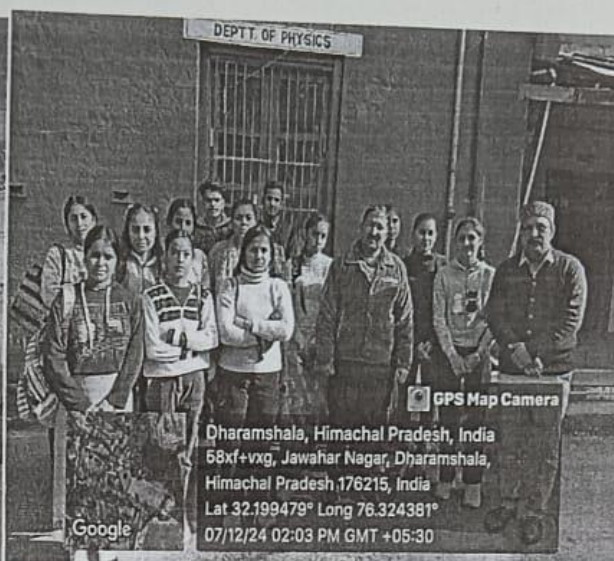
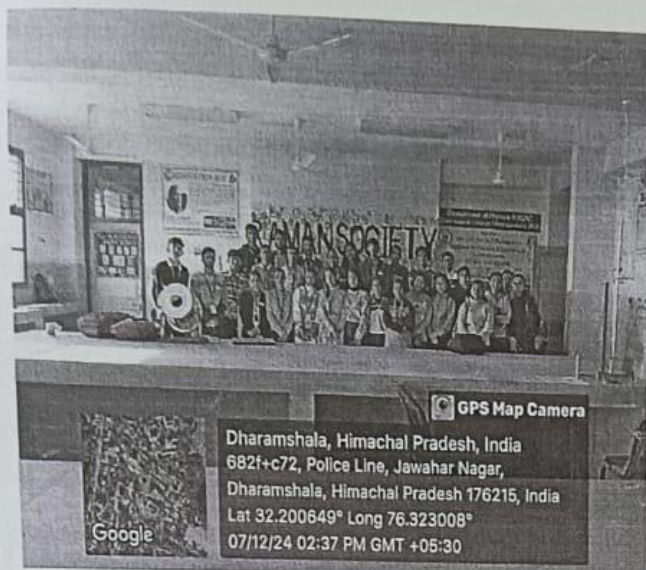
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PRINCIPAL

ABV GOVT. DEGREE COLLEGE TAKIPUR

KANGRA



Report on Educational Visit to CSIR IHBT Palampur**Date: 30th August 2024****Institution:** Government Degree College Takipur, Kangra**Purpose of Visit:** Educational excursion for science students**Participants:**

- Students: 12
- Faculty Members: 2

Venue: CSIR Institute of Himalayan Bioresource Technology (IHBT), Palampur

Introduction

Government Degree College Takipur, Kangra, organized two educational visits on 30th August 2024 for 12 science students and 2 faculty members to CSIR IHBT Palampur, followed by a Tea Garden and Bamboo House tour in Palampur. These excursions provided hands-on exposure to advanced research, sustainable agriculture, and eco-friendly construction, bridging classroom theory with practical applications in botany and environmental sciences.

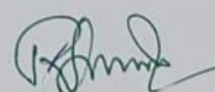
Objective: To expose students to cutting-edge scientific research in plant biotechnology, soilless cultivation, model organisms, and drug discovery techniques for enhanced practical knowledge.

1. Plant Tissue Culture Lab:

- Introduction to micropropagation of endangered Himalayan plant species using sterile tissue explants.
- Demonstrations of callus induction, shoot multiplication, rooting, and hardening processes in controlled environments.
- Emphasis on conservation role: preserving genetic diversity of rare flora threatened by habitat loss.

2. Aeroponics and Hydroponics Labs:

- **Aeroponics:** Plants grown with roots suspended in air, misted with nutrient solutions; observed potato and herb trials showing 98% less water use.
- **Hydroponics:** Nutrient-film technique and deep-water culture systems for vegetables; highlighted faster growth cycles and soil-free scalability.
- Benefits discussed: Higher yields (up to 30-50%), pest resistance, and suitability for hilly terrains like Himachal Pradesh.





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(c) Visit to tea garden

Report on Educational Visit to Tea Garden and Bamboo House, Palampur

Date: 30th August 2024

Institution: Government Degree College Takipur, Kangra

Purpose of Visit: Educational excursion for science students

Participants:

- Students: 12
- Faculty Members: 2

Venue: Tea Garden and Bamboo House, Palampur

Objective: To understand tea cultivation economics and bamboo's sustainable building potential as renewable resources in rural development.

1. Tea Garden Tour:

- ❖ Cultivation cycle: Seedling nursery, field planting at 1.2m spacing, regular pruning, selective plucking of two leaves and bud.
- ❖ Processing stages: Withering (moisture reduction), rolling (cell rupture for oxidation), fermentation (flavor development), drying (80-85°C for black tea fixation).
- ❖ Economic aspects: Yield (1500-2000 kg/ha), pest management (organic vs. chemical), climate adaptation with hybrid varieties for Palampur's subtropical climate.

2. Bamboo House:

- ❖ Construction demo: Bamboo culms for load-bearing walls, bamboo mat panels for roofing, treated poles for flooring and seismic resistance.
- ❖ Sustainability advantages: Grows 1m/day, harvests in 3-5 years (vs. timber's 20+ years), 30-50% lower embodied carbon than concrete/steel.
- ❖ Applications: Cost-effective rural housing (₹5-7 lakh/unit), earthquake-resistant joins, natural insulation for energy savings.



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(d) Survey by Political Department

हिमाचल प्रदेश ग्रामीण आर्थिक सर्वेक्षण

Paper Code: POLS 204 (for Self-Study) 2024-2025

Village Name: Choti BehiWard No.: 4 GahlianBlock: Kangra

District: Kangra, H.P.

1. आपका नाम (वैकल्पिक): Joginder Singh2. आयु: ☐ 18-30 वर्ष ☐ 31-45 वर्ष ☒ 46-60 वर्ष ☐ 60 वर्ष से अधिक3. लिंग: ☒ पुरुष ☒ महिला ☐ अन्य4. वैवाहिक स्थिति: ☐ अविवाहित ☒ विवाहित ☐ विधवा/विधुर ☐ तलाकशुदा5. परिवार के कुल सदस्यों की संख्या: 46. परिवार में कमाने वालों की संख्या: 17. परिवार के सदस्यों की शिक्षा स्तर (सबसे आम): ☐ अशिक्षित ☐ प्राथमिक (कक्षा 5 तक) ☐ माध्यमिक (कक्षा 10 तक) ☒ उच्च माध्यमिक (कक्षा 12 तक) ☐ स्नातक या अधिक8. परिवार में सबसे अधिक शिक्षित सदस्य की योग्यता: ☐ अशिक्षित ☐ प्राथमिक ☐ माध्यमिक ☐ उच्च माध्यमिक ☒ स्नातक या अधिक9. मुख्य व्यवसाय: ☐ खेती/बागवानी ☐ मजदूरी ☐ पशुपालन ☐ सरकारी नौकरी ☒ निजी नौकरी/व्यापार ☐ बेरोजगार ☐ अन्य: _____10. मासिक पारिवारिक आय (रुपये में): ☐ 5,000 से कम ☐ 5,001-10,000 ☒ 10,001-20,000 ☐ 20,001-30,000 ☐ 30,001 से अधिक11. घर का प्रकार: ☐ पक्का (ईंट/सीमेंट) ☐ कच्चा (लकड़ी/पत्थर) ☒ मिश्रित ☐ किराए का घर 12. स्वामित्व: ☐ पूर्ण स्वामित्व ☐ आंशिक स्वामित्व ☐ किराए पर ☐13. सरकारी आवासघर में कमरों की संख्या: 4 14. बिजली की उपलब्धता: ☒ नियमित (24 घंटे) ☐ अनियमित ☐ नहीं15. शौचालय सुविधा: ☒ घर में व्यक्तिगत ☐ सामुदायिक ☐ खुले में16. पेयजल स्रोत: ☐ नल/पाइप (घर में) ☒ हैंडपंप/कुआं ☐ नदी/झरना ☐ अन्य: _____

17. कृषि भूमि का क्षेत्रफल करनाल

10- (0 यदि नहीं)

18. मुख्य फसलें/उत्पाद: गेहूँ

19. पशुधन (गाय/भैंस की संख्या): 0 पशुधन (भेड़/बकरी की संख्या): 0 पशुधन (अन्य): 0 20. स्वास्थ्य सेवाओं की दूरी: ☐ 5 किमी के अंदर ☒ 5-10 किमी ☐ 10 किमी से अधिक ☒ कोई नहीं

21. परिवार में बीपीएल/एपीएल राशन कार्ड: ☒ हाँ, बीपीएल ☐ हाँ, एपीएल ☐ नहीं बैंक खाता (जन धन/सेविंग): ☐

22. हाँ, कितने सदस्यों के: 3 ☐ नहीं

23. ऋण की स्थिति: ☒ कोई ऋण नहीं ☐ बैंक से ☐ सहकारी साख से ☐ साहूकार से; राशि: ₹ _____

24. सड़क संपर्क: ☒ पक्की सड़क (कार जा सकती) ☐ कच्ची सड़क ☐ केवल पैदल

25. परिवहन साधन: ☐ मोटरसाइकिल ☐ कार/जीप ☒ केवल पैदल/रिक्शा ☐ कोई नहीं

26. मोबाइल फोन: ☒ स्मार्टफोन (कितने): 1 ☐ सामान्य फोन ☐ कोई नहीं

27. इंटरनेट/डिजिटल सेवाओं का उपयोग: ☐ हाँ, नियमित ☒ कभी-कभी ☐ नहीं

28. सरकारी योजनाओं का लाभ: ☐ पीएम आवास योजना ☐ उज्ज्वला गैस ☒ आयुष्मान भारत ☐ अन्य: _____ ☐ कोई नहीं

29. वार्षिक खर्चे (अनुमानित, रुपये में): भोजन: 5-6000 शिक्षा: 10,000 चिकित्सा: 15000 अन्य: _____

30. अपनी सामाजिक-आर्थिक स्थिति को आप कैसे आंकते हैं? ☐ बहुत खराब ☐ खराब ☒ औसत ☐ अच्छी ☐ बहुत अच्छी।

धन्यवाद! आपका सहयोग हिमाचल के ग्रामीण विकास के लिए महत्वपूर्ण है।

Antim Bala
B.A 2nd Year
2321029

हिमाचल प्रदेश ग्रामीण आर्थिक सर्वेक्षण रिपोर्ट पेपर कोड: POLS 204 (स्व-अध्ययन) 2024-2025

जिला: कांगड़ा, हिमाचल प्रदेश

नमूना आकार: लगभग 40 परिवारों (डेटा अनुमानित प्रतिशत/संख्या पर आधारित) यह रिपोर्ट कांगड़ा जिले के ग्रामीण क्षेत्रों के आर्थिक-सामाजिक सर्वेक्षण पर आधारित है। सर्वेक्षण विभिन्न जनसांख्यिकीय, आर्थिक, बुनियादी ढांचा और सरकारी योजनाओं से संबंधित डेटा एकत्र करता है। डेटा औसत, प्रतिशत और संख्याओं पर आधारित है, जो ग्रामीण विकास की स्थिति को दर्शाता है। जनसांख्यिकीय विशेषताएं सर्वेक्षित परिवारों में औसत परिवार आकार 4 सदस्य है, जिसमें प्रति परिवार औसतन 2 कमाने वाले सदस्य हैं। वैवाहिक स्थिति: विवाहित (46), अविवाहित, विधवा/विधुर (04), तलाकशुदा। शिक्षा स्तर (सबसे आम): उच्च माध्यमिक (कक्षा 12 तक, 80), स्नातक या अधिक (12), माध्यमिक (60), प्राथमिक (28)। सबसे अधिक शिक्षित सदस्य: 12। ये आंकड़े दर्शाते हैं कि परिवार छोटे हैं और शिक्षा स्तर मध्यम से अच्छा है। आर्थिक स्थिति परिवारों की मासिक आय मुख्यतः निम्न-मध्यम श्रेणी में है। मुख्य व्यवसाय: खेती/बागवानी (120/160), पशुपालन (125), मजदूरी (80), सरकारी नौकरी (10), निजी नौकरी/व्यापार (40), बेरोजगार (50)। मासिक आय: 5,001-10,000 (15/40), 10,001-20,000 (12/40), 20,001-30,000 (6/40), 30,001+ (7/40)।

कृषि: औसत भूमि 10 करनाल प्रति परिवार; मुख्य फसलें - धान, गेहूं, कुछ नकदी फसलें भी।

पशुधन: गाय/भैंस, भेड़/बकरी, घोड़े (औसत 5 पशु)।

ऋण स्थिति :सहकारी साख से (30%), बैंक से 5% साहूकार से कोई ऋण नहीं। वार्षिक खर्च: भोजन (10%), शिक्षा (5%), चिकित्सा (8%), अन्य (16%)। ग्रामीण अर्थव्यवस्था मुख्यतः कृषि और पशुपालन पर निर्भर है, आय सीमित है। आवास और बुनियादी सुविधाएं आवास की स्थिति मिश्रित है, लेकिन बुनियादी सुविधाएं अच्छी हैं। स्वच्छ भारत और जल जीवन मिशन जैसी योजनाओं का प्रभाव

दिखता है। स्वास्थ्य, वित्तीय और डिजिटल पहुंच स्वास्थ्य: सेवाएं 5 किमी के अंदर (100%)। राशन कार्ड: बीपीएल (30%), एपीएल (70%)। बैंक खाता: सभी परिवार प्रमुखों के पास; 75% सदस्यों के। मोबाइल/इंटरनेट: स्मार्टफोन (90%), सामान्य (10%); इंटरनेट उपयोग - नियमित (70%), कभी-कभी (30%)। वित्तीय समावेशन मजबूत है, डिजिटल अपनापन उच्च। सरकारी योजनाओं का लाभ और आत्म-मूल्यांकन लाभ: पीएम आवास (4/40), उज्ज्वला गैस (30/40)।

आत्म-मूल्यांकन: औसत (80%), अच्छी (10%), खराब (5%), बहुत अच्छी (5%)। योजनाओं का लाभ सीमित लेकिन सकारात्मक प्रभाव। निष्कर्ष और सुझाव: कांगड़ा के इस ग्रामीण क्षेत्र में बुनियादी सुविधाएं (विजली, पानी, शौचालय) उत्कृष्ट हैं, लेकिन आय और रोजगार विविधीकरण की आवश्यकता है। कृषि पर अत्यधिक निर्भरता, बेरोजगारी (80%) और निम्न आय चुनौतियां हैं। सुझाव: कौशल प्रशिक्षण, ऋण सुविधा विस्तार, डिजिटल शिक्षा। यह डेटा हिमाचल के ग्रामीण विकास नीति निर्माण के लिए उपयोगी है। क्या

Compiled by

[Signature] 10/10/2024

Associate Prof. Vijay Kumar

Political Science

ASV GDC Takipur

1.2 (iv) Internal Assessment Mechanism

Being a govt. institution, Atal Bihari Vajpayee Govt. College Takipur adopts internal assessment mechanism framed by the universities (Himachal Pradesh University Shimla and Sardar Patel University Mandi). Every student of the college have to full-fill the criteria of internal assessment mechanism to appear in the end-term examinations. This internal assessment consists of 30 marks based upon attendance, assignments, class tests and marks secured in mid-term examination.

The College has adopted the given mechanism for assessment of the students enrolled

B.A (Bachelor of Arts)

Sr. No.	Name of Paper	Quizzes	Class tests	Presentation	Assignment	Mid- term test	Project Work
1	English	Yes	Yes	Yes	Yes	Yes	NA
2	Hindi	Yes	Yes	Yes	Yes	Yes	NA
3	Pol. Science	Yes	Yes	Yes	Yes	Yes	NA
4	Economics	Yes	Yes	Yes	Yes	Yes	NA
5	History	Yes	Yes	Yes	Yes	Yes	NA
6	Music	Yes	Yes	Yes	Yes	Yes	NA

B.Sc. (Bachelor of Science)

Sr. No.	Name of Paper	Quizzes	Class tests	Presentation	Assignment	Mid- term test	Project Work
1	Physics	Yes	Yes	Yes	Yes	Yes	Yes
2	Chemistry	Yes	Yes	Yes	Yes	Yes	Yes
3	Biology	Yes	Yes	Yes	Yes	Yes	Yes
4	Zoology	Yes	Yes	Yes	Yes	Yes	Yes
5	Mathematics	Yes	Yes	Yes	Yes	Yes	Yes

B.Com. (Bachelor of Commerce)

Sr. no.	Name of Paper	Quizzes	Class test	Presentation	Discussion	Assignment	Project Work
1	B.Com I	Yes	Yes	Yes	Yes	Yes	Yes
2	B.Com II	Yes	Yes	Yes	Yes	Yes	Yes
3	B.Com III	Yes	Yes	Yes	Yes	Yes	Yes

Assessment through activities

Class Test taken and evaluated on the same date

संविधान दिवस (2024) के उपलक्ष में लिखित प्रश्नोत्तरी प्रतियोगिता

कक्षा BA 3rd year

रोल नंबर 2290243

दिनांक: 25.11.2024

18/50
Palak

1. संविधान सभा का निर्माण किस योजना के अंतर्गत किया गया था? कैबिनेट मिशन ✓
2. संविधान सभा की पहली बैठक कब हुई थी? 9 Dec 1946 ✓
3. संविधान सभा में कुल कितने स्थान निर्धारित किए गए थे? 14 X
4. संविधान सभा के स्थाई अध्यक्ष कौन थे? डा. राजेन्द्र प्रसाद
5. संविधान सभा की अंतिम बैठक कब हुई थी? 26 नवंबर 1949
6. संविधान के निर्माण पर कुल कितना खर्च हुआ था? _____
7. संविधान का जनक किसे माना जाता है? डा. भीमराव अम्बेडकर
8. किसने कहा था कि भारत का संविधान उधार का थैला है? _____
9. प्रथम लोकसभा के चुनाव किस वर्ष हुए थे? 1952
10. स्वतंत्र भारत के पहले वोटर कौन है? _____
11. संविधान के किस भाग को मैग्नार्कार्टा कहा जाता है? _____
12. क्या मौलिक अधिकार असीमित है? नहीं
13. संसद का कौन सा सदन ज्यादा शक्तिशाली है? लोकसभा
14. राष्ट्रपति पद का चुनाव लड़ने की न्यूनतम आयु क्या है? 25 वर्ष
15. महाभियोग का प्रस्ताव संसद के किस सदन में प्रारंभ होता है? _____
16. किस मौलिक अधिकार को किसी भी परिस्थिति में समाप्त नहीं किया जा सकता? स्वतंत्रता का अधिकार
17. मौलिक अधिकारों को स्थगित करने का अधिकार किस संस्था के पास है? _____
18. संविधान सभा का चुनाव व्यस्क मताधिकार के आधार पर हुआ था, सही या गलत? सही ✓
19. भारतीय संविधान की सर्वाधिक विवादास्पद धारा कौन सी है? _____
20. धन बिल राज्यसभा कितने दिन तक रोक सकती है? _____
21. क्या लोकसभा में राष्ट्रपति अब एंग्लो इंडियन मनोनीत कर सकता है? _____
22. राज्यसभा में कितने निर्वाचित सदस्य होते हैं? 25
23. राज्यसभा का कार्यकाल 6 वर्ष है, सही अथवा गलत? सही ✓
24. प्रधानमंत्री की नियुक्ति राष्ट्रपति अपनी इच्छा से कर सकता है? नहीं

मतदाता जागरूकता अभियान		Roll no - 20 Pol 30
प्रश्नोत्तरी		Class - B.A 2nd Year
Page	Name - Sumit a Devi	
0/28		
X	भारत में MP/MLA के चुनाव की व्यवस्था कौन करता है?	प्रधानमंत्री
X	कितने वर्ष मतदान की आयु रखे 18 वर्ष की	2016
X	हिमाचल से लोकसभा में कितने सांसद चुने जाते हैं?	15
X	चुनाव (केन्द्रीय) आयोग में कितने सदस्य हैं?	
X	केन्द्रीय चुनाव आयोग के अध्यक्ष का नाम लिखें।	
✓	स्वतंत्र भारत में प्रथम बार किस वर्ष चुनाव लिए गये थे?	1952
X	कांगड़ा जिले से कुल कितने MLA चुने जाते हैं?	
X	पंचायती राज संस्था में चुनाव लड़ने की न्यूनतम आयु क्या है?	
✓	राष्ट्रीय मतदान दिवस किस तिथि को मनाया जाता है?	25 जनवरी
✓	क्या राज्यसभा के सदस्यों को चुनाव जनता करती है?	नहीं
X	पंचायतों के चुनाव की पूरी व्यवस्था कौन करता है?	
X	हिमाचल से प्रथम मतदान कौन है?	
3. ✓	चुनाव (केन्द्रीय) आयोग के सदस्यों की नियुक्ति कौन करता है?	मुख्यमंत्री
4. ✓	विपक्षी दल को किस वर्ष मान्यता दी गई थी?	
X	हिमाचल की विधानसभा में कुल कितने MLA हैं?	
X	प्रधानमंत्री बनने के लिये न्यूनतम आयु क्या है?	35 वर्ष
✓	लोकसभा का चुनाव लड़ने के लिये अधिकतम आयु क्या है?	25 वर्ष
18. ✗	लोकसभा में सर्वाधिक स्थान किस राज् को दे दिये जाते हैं?	
19. ✓	भारत की पहली महिला प्रधानमंत्री कौन थीं?	श्री मीरा इंदिरा गांधी
20. ✓	भारत की पहली महिला राष्ट्रपति का नाम लिखें?	श्री माता प्रतिका सिन्हा
21. ✓	ग्राम सभा का सदस्य बनने की आयु क्या है?	18 वर्ष
22. ✓	नागरिक बह्द व्यक्ति है जिसे सभी राजनैतिक अधिकार होते हैं?	लक्ष्मी
23. X	सर्वाधिक मत समय तक कौन व्यक्ति प्रधान बन पाया?	
24. ✓	कौन ज्यादा इम्तिहानी होता है - प्रधानमंत्री या राष्ट्रपति?	प्रधानमंत्री
25. X	वर्ष 2022 में हम कितने वर्षों राष्ट्रीय मतदान दिवस मना रहे हैं?	
26. X	मतदान दिवस की शुरुआत करने में किस राजनैतिक पार्टी की भूमिका रही है?	
27. X	जनता की आवाज रिवर की आवाज होती है यह किसके शब्द हैं?	
28. X	पंचायती राज की स्थापना किस व्यक्ति ने की?	

Roll No - 2421005 19/9/24
Muskan Bansola

Page No.			
Date			

Ques 1. Secular State?

Ans 1. The state that has no religion is define as a secular state. India is a secular state because there is no state religion in India. Where as Pakistan is a non secular state ~~because~~ they follow Islamic religion in their state.

Example - Secular state give equal opportunities and right to every and each people without any discrimination.

Non Secular state - They always discriminate with other religions and ~~also~~ they didn't give equal opportunities and rights to each people of the state.

Ques 2. Quo warrantos?

Ans 1. It means 'By the authority'. If a person has occupied an office without authority and an ~~offer~~ application by ~~contentent~~ to the office, the court may issue this writ against the person who is unlawfully occupying the office.

Ques 3. Difference between fundamental rights and Directive principle

- Directive principle have no protection of law
- Directive principle are concerned with the state
- ~~Directive principle have no limitation on it~~

16 Pages

Sr. No. 02002 Name of the Subject Teacher.....
(House Test)

Atal Bihari Vajpayee Govt. Degree College, Takipur

Class B.A 1st Year Course.....
Roll No. 2317004 Course Code Hind 206
Subject Hindi (अनुवाद विभाग) Date 19/12/24 Major/Minor Major

‘डबिंग’ का हिन्दी शब्द है ?
(क) ध्वन्यांतरण ।

‘ए.बी.ए.’ संक्षिप्तान्वय निम्न से किसने लिखा है ?
(ग) रिजर्व बैंक ऑफ इंडिया ।

‘अनुवाद’ शब्द मूलतः किस भाषा का शब्द है ?
(घ) संस्कृत ।

मंचतंत्र का उर्दू भाषा में अनुवाद किस अनुवादक ने किया ?
(ग) अब्दुल्ला इबन अल मौकम्मल ।

विश्व संस्कृति का विकास किसके बिना संभव नहीं है ?
(क) अनुवाद ।

Date: _____
Page No: _____

NAME - DIKSHA KUMARI

CLASS - B.A 1st YEAR

ROLL - NO - 20 POL 14

ASSIGNMENT - MADHYAKALIN

COURSE CODE - HINDI03 HINDI KAVITA

ASSIGNMENT FILE SUBMITTED BY - DIKSHA KUMARI

ASSIGNMENT FILE SUBMITTED TO - MR. ASHWANI SHARMA

Seen

.....

Seminars and quizzes

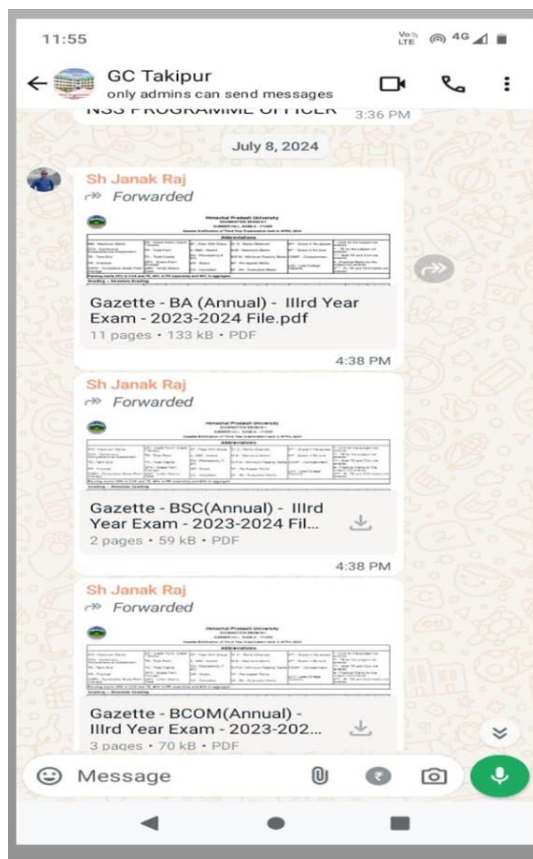
The teachers are encouraged to take up a number of activities like seminars, quizzes and power point presentations to make the delivery and assimilation of the course content both comprehensive and learner centric. Efforts are also made to ensure that class room teaching is integrated with practical.



1.2 (v) Prompt communication of assessment / results to students

As soon as the results are being declared by the HPU and SPU, immediately the results are shared among students through whatsapp groups.

Sample of Sharing of information regarding declaration of university result through Whatsapp groups.



11:59

Report Print Date : 7/8/2024 4:28:39 PM

Course : BA
Date of Result Declaration : 08-July-2024

Student Name	ENG GE 305		ENG GE 306		HIND305		HIND306		HST(A)305		HST(A)307	
	IA	TH PR	IA	TH PR	IA	TH PR	IA	TH PR	IA	TH PR	IA	TH PR
SUNEETA DEVI	49	C	49	C	60	A	-	F	55	B+	48	C
1202010056 POOJA 20-GCTP-58 - LCC	24	38 -	21	13 -	25	25 -	26	38 -	27	9 -	27	38 -
SURINDER KUMAR	62	A	-	F	50	B	64	A	-	F	65	A+
1202010094 SHIKHA 20-GCTP-94 - LCC	24	29 -	21	30 -	25	40 -	26	4 -	24	45 -	22	26 -
BALBIR SINGH	53	B	51	B	65	A+	-	F	69	A+	48	C
1202010102 SIMRAN 20-GCTP-103 - LCC	21	16 -	24	26 -	25	27 -	27	13 -	24	26 -	22	25 -
ARUN KUMAR	-	F	50	B	52	B	-	F	50	B	47	C
SUNITA RANI												

This gazette is notified as per the ordinance and result declaration rules adopted system on the basis of the awards entered and verified by the colleges and the

A R / D R (Exam-I)
H.P. University, Shimla-5.

Note: This gazette is also available on the Concerned Examination Branches, C