HEIS Government College Bilaspur

NAAC Accredited Grade 'B' Institute

Estd.1952

Prospectus
2025-26

▶▶ **BCA & PGDCA**
▶▶ **BSc Biotech**
▶▶ **BBA**
▶▶ **BTTM**

College website:www.gcbilaspur.in
e-mail:principalgpgcbilaspur@gmail.com
Phone:01978-222417, Fax:222417

From Director's Desk

Message from the Principal
"**The purpose of education is to make good human beings with skill and expertise.**"

A.P.J. Abdul Kalam

Dear Students,

Education is the key to unlocking your true potential and shaping a successful future. Higher education is not just about acquiring a degree—it is about developing a mind-set of continuous learning, critical thinking, and innovation. Its gives me immense pleasure to welcome all who are seeking admission in the current academic session (2026-27) at Govt. College Bilaspur. It is a premier and prestigious institution where quality education is being imparted to thousands of students in science, humanities and commerce streams along with vocational courses at UG and PG level. As you embark on your journey of higher education, we take pride in offering specialized courses under the aegis of HEIS that equip students with the skills and knowledge needed to thrive in today's competitive world.

Our **Bachelor of Computer Applications (BCA) and PGDCA** programs are designed for aspiring IT professionals, providing a strong foundation in software development, networking, and emerging technologies. The **Bachelor of Business Administration (BBA)** program nurtures future business leaders with a comprehensive understanding of management principles and entrepreneurship. Our **Bachelor of Science in Biotechnology (BSc Biotechnology)** offers hands-on learning in the exciting field of biological sciences, fostering research and innovation. The **BBA in Tourism and Travel Management (BTTM)** program prepares students for dynamic careers in the thriving tourism and hospitality industry.

At Govt. College Bilaspur, we are dedicated to providing a stimulating learning environment with experienced faculty, modern infrastructure, and industry collaborations that enhance practical exposure. Our goal is to shape well-rounded professionals who can contribute meaningfully to their fields and society at large.

As the Principal of the college I shall endeavour to the best of my capacity to turn the dreams of the students into reality and strengthen their future with high academic standards and discipline. I welcome you all to this institution and look forward to being part of your journey toward success!

Dr. P. S. Kutwal
Chairperson, HEIS
Govt. College Bilaspur

Member Secretary's Desk

It is my privilege to extend warm greetings to all students, parents, and stakeholders as we launch the Prospectus for the Academic Session 2026-27 for our self-financing courses under the aegis of the Higher Education Society (HEIS) at Government College Bilaspur.

Education is the greatest investment a student can make for their future, and at HEIS we are deeply committed to nurturing young minds to meet the challenges of a rapidly evolving world with confidence, competence, and character. Our self-financing programmes are designed not only to impart quality academic knowledge but also to foster skills, innovation, and employability that are essential in today's competitive environment.

Under the HEIS framework, we offer a range of self-financing professional programmes such as Bachelor of Computer Applications (BCA), Post Graduate Diploma in Computer Applications (PGDCA), Bachelor of Business Administration (BBA), B.Sc. (Hon's) Biotechnology and Bachelor of Tourism and Travel Management (BTTM). These courses are designed with a strong blend of theoretical foundations, practical exposure, industry-aligned curriculum, and skill-based learning to enhance employability and entrepreneurial capabilities among our students.

We encourage all learners to approach their education with dedication, passion, and integrity. Hard work, perseverance, and a lifelong love of learning are the keys to success not only in academics but in every walk of life. Remember that opportunities come to those who are prepared; strive to excel, embrace challenges, and never stop developing your potential.

I extend my best wishes to all students for a successful, enriching, and inspiring academic year

Prof. Ranjeet Singh
Member Secretary, HEIS
Govt. College Bilaspur, H.P.

Department of Computer Applications

From the Co-coordinator's Desk BCA & PGDCA

In an era driven by technology, computer applications have become the backbone of every industry. Our BCA and PGDCA programs at Government College Bilaspur aim to empower students with technical expertise, problem-solving abilities, and a forward-thinking approach to innovation.

We believe in learning beyond textbooks, integrating hands-on training, industry exposure, and real-world projects to shape competent IT professionals. Our dedicated faculty and well-structured curriculum ensure that students are not only academically proficient but also industry-ready.

As the Coordinator of BCA/PGDCA, I am committed to fostering a learning environment where students can explore, innovate, and transform their passion for technology into a successful career. I invite you to be a part of this journey and step confidently into the world of opportunities that the IT sector offers.

Best Regards,

Prof. Ashwani Chandel
BCA/PGDCA Coordinator
Government College Bilaspur

MESSAGE

Departmentg of Management Studies

From the Co-ordinator's Desk, BBA

"The goal of business is not just to make a profit, but to make a difference with integrity and innovation." – Ratan Tata

Dear Prospective Students,

It is with great pleasure that I extend a warm welcome to you on behalf of the Bachelor of Business Administration (BBA) program at Govt. College Bilaspur. Our BBA program is meticulously designed to equip students with the knowledge, skills, and competencies required to excel in today's fast-paced and dynamic business environment. The Department of management studies was set up under the aegis of Higher Education Institute Society (HEIS) in the year 2010 with a vision to attain academic and professional excellence in the field of Business Management. BBA is a three year degree course which integrates knowledge with professional skills from the industry and management fields.

At Govt. College Bilaspur, we take pride in offering a comprehensive and industry-relevant curriculum that integrates theoretical foundations with practical applications. Our program is structured to foster critical thinking, strategic decision-making, and leadership abilities, ensuring that graduates are well-prepared to navigate the complexities of the global business landscape. A distinguishing feature of our BBA program is our commitment to experiential learning. We believe that education extends beyond textbooks and lectures, which is why we emphasize hands-on experiences, industry visits, and exposure to real-world business challenges.

In addition to academic excellence, we strive to create a learning environment that nurtures personal and professional growth. Our faculty members are not only accomplished academicians but also experienced professionals who bring a wealth of industry knowledge to the classroom. As the Coordinator of the BBA program, I encourage you to take full advantage of the opportunities that our college provides. Whether your goal is to pursue a corporate career, launch your own entrepreneurial venture, or continue your studies at the postgraduate level, our program will serve as a strong foundation for your future endeavours.

Dr. Bhumender Jaswal
Coordinator, BBA
Govt. College Bilaspur (H.P)

Department of Tourism and Travel Management

MESSEGE

From the Co-coordinator's Desk, BTTM

Course Objective: This Course was started in this institution in the Year 2012. This course has been specially designed to impart professional education in the global tourism sector. The possibility in travel and tourism industry is endless, for this reasons we have selected a range of job roles within each sector to assist. This course provides vocation in different segments in tourism and travel operations and helps to get jobs at various entry level jobs in tourism sector of not only in India and at global tourism scenario. Tourism is the only industry that is in boom to provide job opportunities to the skilled human resource. All the governments with in the states around India is working to develop tourism infrastructure and services and also giving away out to students for employment by designing a course curriculum specially designed to produce skilled human resource that works to develop tourism infrastructure and to render their services in tourism industry.

Career Path in the Travel Industry: The travel and tourism industry has a variety of sectors that include retail travel, wholesale, travel visitor information, tour operators, cruising, transportation, events and services. Students after completing the course study will have various opportunities in different department of tourism sector in India and at global levels. Management).

Learning for the Students: Management Techniques, Leadership Development Camp (LDC) and Event Management Training Programs (EMT). On the Job Training (OJT) Department of Tourism Studies organizes World Tourism Week in the month of September Every Year. After completion of Degree Course students will be skilled and trained to actively get entry level jobs in the field of Tourism and Hospitality.

I wish all the new aspirants a bright and prosperous future in this course.

Prof. Premjeet
Coordinator BTTM

Department of Biotechnology

From the Co-ordinator's Desk, BSc. Biotechnology

Biotechnology as a prominent and promising stream of Science has emerged to aid humanity in multifarious ways.

It has created unprecedented opportunities by manipulating the biological systems for the benefit of mankind.

However, Biotechnology in the last two decades has gained much popularity in the study of Applied Sciences. With the aim of imparting quality education in Biotechnology, GC Bilaspur started this course in 2010 and is running the same successfully for the last twelve years with a total strength of 30 students in each year..

In order to cater to the academic needs of the students, the department of Biotechnology has enriched itself with a galaxy of well quailed and experienced teachers, who are devoted not only to ensure the academic excellence of their students but also work hard to keep the students well informed about the recent developments in the world of Biotechnology so that their students can make name and fame in the field of medicine, pharmaceutical, food industry, agriculture, research, environment, immunology, and genetics. The college is committed to the all-round development of itsstudents and is, thus providing the best facilities, in the form of well-equipped laboratories, a well-stocked library with INFLIBNET and a peaceful ambience to it students.

I hope that the aspirations of the students, their quest for knowledge, their keen interest in the subject and their urge for a progressive life find their perfect destination in the Department of Biotechnology. I also feel that with the global growth of the scientific world our students can undoubtedly dream of their resplendent future.

Dr. Sanjeev Kumar
Coordinator
B.Sc (Hons.) Biotechnology

MESSEGE

Table of Content

➤ THE INSTITUTION :

Established in 1952, Govt. Post-Graduate College Bilaspur takes pride in being notified as one of the five best colleges amongst more than hundred colleges affiliated to HPU and designated as the 'Star College in Life Sciences' by UGC. Nestled in the imposing Bandla hills on the left bank of the world famous Gobind Sagar Lake, college campus presents ideal surroundings for scholarly pursuits. Over the years the college has established a glorious record of academic excellence and has made remarkable achievements in various fields such as sports, cultural & extracurricular activities.

The College has state of art infrastructure in terms of well-equipped labs in Physics, Chemistry, Botany, Zoology, Biotechnology, Computer Science, Geography and Music departments. A well-stocked automated library with INFLIBNET facility, Computer lab, Carrer counseling lab and language lab also adds to it. The college also provides the facility of hostels to students and residential quarters for its teaching and non-teaching straff members. The college has various clubs such as Environment Club, Energy Club, Cultural activities Club and subject related Societies to educate and engage students in meaningful activities round the year. Regular activities such as Sports, NCC, NSS and Rovers & Rangers enhance the vibrance of the institution and contribute to the overall integrated development of the students.

Apart from the Undergraduate and Postgraduate courses in Arts, Science, Commerce and Vocational streams, the Computer Science Department of the college is offering degree in Bachelor of Computer Application (BCA) and Post Graduate Diploma in Computer Application (PGDCA) under the self-financing scheme. The college has also started new degree courses under the self-financing schemes namely B.Sc. Biotechnology, BBA, BTTM which have received an overwhelming response.

The institution has received a grant of rupees 1 crore in the previous session under UTKRUSHT MAHAVIDYALAY YOJANA for the augmentation of infrastructure and development of better facilities. The grant has been utilized for providing state of art infrastructure and best learning experience to the students to develop global competencies. Keeping in view the increasing role of soft skills in today's scenario a language lab for the department of English, Hindi and Sanskrit has been established to equip students with necessary communication skills. To make education more employable career counseling lab has also been established to make students aware of emerging trends and helping them to make informed career choices. Automation of library and complete office digitalization has also been undertaken to match the pace of paperless technology. A fully equipped first aid room has also been established to provide first aid to the students in the campus.

HIGHER EDUCATION INSTITUTE SOCIETY (HEIS)

The courses under self-financing scheme are regulated through the Higher education institute society.

Name of the Society: Higher Education Institute Society of Govt. P.G. College Bilaspur HP (Regd. under Himachal Pradesh Cooperative Society Act 2006 (XXV of 2006) on dated Nov. 27, 2008.)

Head Office of the Society: Govt. P.G. College Bilaspur, Tehsil Sadar, Distt. Bilaspur (HP)

VISION:

1) Achieving excellence in education by maintaining high standards in teaching, shaping talents of students, building their character and imbibing in them a sense of civic and social responsibility.

2) Empowering students to become able, responsible citizens by imparting quality education and inculcating sound ethical values.

3) Providing best infrastructure comparable to international standards.

MISSION:

-To create perfect learning environment.

-To provide necessary infrastructure (auditorium, a new science block, a new block for B. Voc., New block for Library).

-To provide clean and pollution free environment under 'Swachh Bharat Abhiyan'.

-To provide academic facilities to the teachers.

-To encourage students to participate in extracurricular activities.

-To provide Skill Based Education.

-To improve communication skills of the students for personality enhancement.

-To focus on bringing the students at par with the students of metropolitan cities.

-To reach out to society through NCC, NSS, Rover and Rangers for implementation of govt. policies like Swachh Bharat Abhiyan.

- GC Bilaspur is committed to adopt to new changes and reforms in order to impart more conceptual and practical education to the students. Education sector is experiencing a paradigm shift with New Education Policy being rolled out throughout India.

NEP 2020, envisages transformation in higher education introducing multi-disciplinary approach, multiple entry and exit points and setting up Academic Bank of Credit for materializing the idea of a universal holistic education. It is being implemented in the courses under self-finance scheme in the current academic session 2023-24 in phased manner.

MANAGEMENT COMMITTEE / GOVERNING COUNCIL		
S. NO.	DESIGNATION	REMARKS
1	Chairperson	Principal of the College
2	Member	Vice-Principal of the college
3.	Member	HOD, Commerce faculty
4.	Member	HOD, Science faculty
5	Member	PTA President
6	Member	OSA President
7	Member Secretary	Appointed by the Principal
8	Director's Nominee	Principal Govt. College Ghumarwin
9	Nominated Member	Any eminent educationist

		Administrative Profile		
SR. NO.	NAME	DESIGNATION	DEPARTMENT	CONTACT
1.	DR. P. S. KUTWAL	PRICIPAL/DIRECTOR	HEIS	0197822417
2.	DR. RANJEET SINGH	MEMBER SECRETARY	HEIS	8219739228
3.	PROF. PREMJEET	COORDINATOR	BTTM	9418476082
4.	DR. SANJEEV KUMAR	COORDINATOR	BSC BIOTECH	9418045021
5.	DR. BHUMENDER JASWAL	COORDINATOR	BBA	9816391828
6.	PROF. ASHWANI CHANDEL	COORDINATOR	BCA & PGDCA	7018048703

SR. NO.	NAME	PHOTO	ASSIGNMENT	CONTACT NO.
	FACULTY PROFILE			
	DEPARTMENT OF BCA&PGDCA			
1.	**Dr. Teg Singh HOD Faculty Computer Applications** Ph.D MCA, MSc-IT		**Teaching**	**94188-08900**
2.	**Dr. Sonika Faculty Mathematics** PhD. MA B.Ed. PGDCA		**Teaching**	**70183-20802**
3.	**Dr. Sanju Bala Faculty Commerce** PhD. M.Com, B.Ed, PGDCA, PGDESD		**Teaching**	**9418091731**
4.	**Dr. Kanchan Faculty Computer Applications** PhD MCA B.Ed.		**Teaching**	**98168-10584**

5.	**Prof. Monika Faculty Computer Applications** Pursuing PhD MCA		**Teaching**	**7018277747**
6.	**Prof. Ankit Chandle Faculty Computer Applications** UGC-NET M. Tech (CS)		**Teaching**	**78075-01050**
7.	**Prof. Poonam Thakur Faculty Computer Applications** UGC-NET M. Tech (CS)		**Teaching**	**70184-63924**
	DEPARTMENT OF BBA			
8.	**Prof. Rajeev Kumar HOD** UGC –NET, MBA, M.Com M.Phil		**Teaching**	**70180-17793**
9.	**Prof. Richa Faculty Management** UGC-NET MBA, MA (Public Administration)		**Teaching**	**94596-79211**
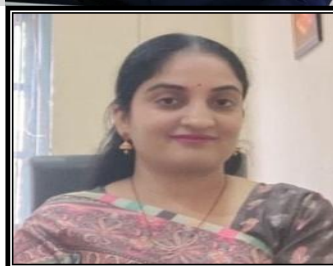
10.	**Prof. Shivani** **Faculty** **Management** UGC-NET MCOM		**Teaching**	

11.	**Prof. Sanjay Kumar** **HOD** UGC-NET SLET MTM PGDCA Bed.		**Teaching**	94186-10003
12.	**Dr. Puneet Singh** **Faculty** **Tourism** **Management** UGC-NET MTA		**Teaching**	98163-77155

13.	**Prof. Rohini Kanta** **HOD** M.Sc., B.Ed., M.Phil. (Biotechnology) Persuing Ph.D.		**Teaching**	70184-30785
14.	**Dr. Sonika Kumari** **Faculty** **Chemistry** M.Sc., M.Ed.,Ph.D.		**Teaching**	97367-41127
15.	**Dr. Manoj Kumar** **Faculty** **Biotechnology** MSc Bio-Technology, Ph. D CSIR-JRF&NET ARS-NET		**Teaching**	88949-94770

Sr. No.	Name	Designation	Department	Charge/Assignment	Contact No.
		NON-TEACHING STAFF –HEIS			
1.	Mr. Praveen Soni	Sr. Clrk-cum-Computer Operator	BCA&PGDCA		9857853981
2.	Mrs. Kamlesh	Librarian	HEIS		9418561238
3.	Mrs. Jamna Devi	Office Assistant	BSc Biotech		7018119942
4.	Mrs. Poonam	Office Assistant	BBA		9418212952
5.	Mrs. Reena Chandel	Office Assistant	BCA & PGDCA		9857755568
6.	Mrs. Kanika Thakur	Office Assistant	BTTM		7018557085
7.	Mrs. Deepika Sharma	University DA	HEIS		9817226829
8.	Mrs. Geeta Devi	Sweeper	HEIS		9318606523
9.	Mr. Anil Kumar	Peon	BCA & PGDCA		7876038018
10.	Mr. Raman Kumar	Lab Boy	BCA & PGDCA		9805871942
11.	Mr. Shiv Pratap	Chowkidaar	HEIS		9857249539
12.	Mr. Parveen Kumar	Mali	HEIS		7807652685
13.	Mr. Rakesh Kumar	Security Guard	HEIS		9418673238
14.	Mr. Madan Kumar	Chowkidaar	HEIS		8894600992
15.	Mr. Deep Raj	Security Guard	HEIS		8894180288
16.	Mrs. Sushama	Peon	BBA		8988087265
17.	Mr. Sanket	MTS	BSc Biotech		9857436009
18.	Mrs. Kamla Devi	Security Guard	HEIS		7018135526

Departments Established under HEIS: The HEIS is running various departments in the specialized filed areas of knowledge to provide skills and professional atmosphere in the college in the fields of Computer Application, Management, Travel and Tourism Management and Biotechnology by running UG and PG Courses.

DEPARTMENTS	ESTABLISHMENT YEAR	COURSES	DURATION OF THE COURSE	ALLIED AND ELECTIVES
	DEPARTMENTS & COURSES			
DEPARTMENT OF COMPUTER APPLICATION	2006	BCA	3 Years (06 Semester)	**Allied** Computer Fundamental, Business Practices and Management, C Programming, IT&WPD, Computer Organisation

				Object Oriented Programming with C++, Internet Technology and Web Page Designing, Programming in Visual Basic, Operating System, Management Information System, Computer oriented Statistical Method, Numerical Methods, Multimedia Technology, Computer Networks. **Elective** Project Report
	2006	**PGDCA**	**1 Year (02 Semester)**	**Allied** PC Software, Operating System, Computer Organisation and Architecture, Data & File structure System Analysis and Design. **Elective** • Project Report
DEPARTMENT OF MANAGEMENT STUDIES	**2010**	**BBA**	**3 Years (06 Semester)**	**Allied** Statistics, Fundamental Management, Business Accounting, Business Environment, Indian Economy, Principal of Marketing, Human Recourse Management, Financial Management,

				Business Research, Quantitative Techniques for Management, Business Policies and strategies. Retail Management, HRD, Investment Banking and Financial Services. **Elective** Project Report
DEPARTMENT OF BIOTECHNOLOGY	2010	B. Sc. Biotechnology (Hons)	3 Years (Annually)	**Allied** Biochemistry & Metabolism, Cell Biology, Genetics, Molecular Biology, Immunology, Bioinformatics, Biotechnology and human welfare, General Microbiology, Animal, Plant & Food Biotechnology, Biochemical Engineering, Plant & Microbial Physiology, , Recombinant of DNA Technology, Biostatistics, Ecology and Environment Management, Animal & Plant Diversity. **Elective:** Enzymology, Bioinformatics, Industrial Fermentations, Genomics and Proteomics

DEPARTMENT OF TOURISM AND TRAVEL MANAGEMENT	2012	BTTM (BBA in Tourism and Travel Management)	3 Years (06 Semester)	Allied: Basics of Tourism, Communication Skills, Tourism Marketing and Promotion, Travel Agency and Tour Operation, Tourism Geography and Map Work, Outbound Tourism, Tourism Impacts, Global Tourism, Tourism and Environmental Studies, Basics of Management, Tourism Resources of India, Introduction to Statistics, Basics of Research, Ticketing and Transportation, Frontier Formalities, Financial Management, Itinerary Preparation and Costing, Organization Behaviour, Government and Tourism **Elective** - Leadership Development Report - Event Management Training Report - Research Report On the Job Training Report

COURSES FEES STRUCTURE PER SEMESTER/ANNUAL			
SR. NO.	COURSE	SUBSIDIZED	NON-SUBSIDIZED
1.	BCA	6000/-	12500/-
	PGDCA	7000/-	12500
2.	BBA	4500/-	9000/-
3.	B. SC BIOTECHNOLOGY	----------	22000-1st Instalment 18000- 2nd Instalment
4.	BTTM	5000/-	10000/-

FEES REFUND CRITERION		
Sr. No.	Percentage of Refund of Aggregate fees	Point of time when notice of withdrawal of admission is served to
1	100%	Within 15 days from the date of deposit fees
2	90%	Within 16 -30 from the date of deposit fees
3	80%	Within 31-45 from the date of deposit fees
4	60%	Within 46-55 from the date of deposit fees
5	40%	Within 56- 65 from the date of deposit fees
6	20%	Within 66-70 from the date of deposit fees
7	0%	More than 70 days

*(Note: Refund of fees will be made on the basis of filling of that particular seat which is to be vacated/ left by the concerned candidate)

OTHER FUNDS ANS CHARGES IN FEE STRUCTURE

➢ The Course fee is subject to change as per HPU and H.P. Govt. Directions. The fee once deposited cannot be refunded.

➢ Rs. 600/- (Six Hundred Only) will be charged towards PTA fund in addition to course fee.

➢ All the students will have to deposit Rs. l000/-(Rs. One Thousand Only) as Library Security (Refundable)

➢ University development fund Subsidized Rs. 250/- Non- Subsidized Rs/500/- IRDP/BPL Rs. 100/- & Youth Red Cross membership fee Rs. 40will be charged extra.

➢ Management has decided that amount of 1000/- will be collected from the students for conducting industrial visits and educational tours.

FINE:

SR. NO.	FINE LIST	AMOUNT IN (RS.)
1.	Absence for one period	**5.00**
2.	Absence for full day	**20.00**
3.	Absence from unit test (per paper)	**10.00**
4.	Absence from House Examination	**100.00**
5.	Late return of library book	**1.00 per day**

RESERVATION ROSTER FOR ADMISSION as per HPU

➤ **RESERVATION :**

➤ Admission shall be subject to the following conditions: A. 15% and 7.5% seats shall be reserved for SC and ST candidates respectively, who have passed their qualifying examination from H P Board of School Education or any other school located within the territorial jurisdiction of Himachal Pradesh from any other Board like CBSE or ICSE etc. B. The remaining 77.5% seats shall be filled as under:

➤ 25% of seats for admission shall be open for all the candidates irrespective of the institution from where they have passed their qualifying examination

➤ 75% of seats shall be filled out of the candidates who have passed their qualifying examination from H P Board of School Education or any other school located within the territorial jurisdiction of Himachal Pradesh from any other Board like CBSE or ICSE etc. Subject to the following reservations:

➤ 5% of the seats shall be reserved for outstanding sportsmen/Women.

➤ 5% of seats shall be reserved for outstanding cultural activists.

➤ 5% of seats shall be reserved for physically handicapped candidates.

➤ Provided that the minimum eligibility for admission to the course in the case of SC/ST will be 5% lower than the eligibility condition for other students.

➤ The rules of H P University shall be applicable in the case of above reservations in the college.

Note: There are 10% additional seats reserved for the <u>Economically Weaker Session Category</u> for the admission to BBA and BCA for the academic session 2026-27. If these seats remain vacant than these seats neither be filled with other category nor will carry forward.

120 POINT ROSTER FOR ADMISSION AND RESERVATION				
1 PWD	26 SC	51	76	101 PWD
2	27 ST	52 SC	77	102
3	28	53 ST	78 SC	103
4	29	54	79 SP	104
5	30	55	80 ST	105
6	31	56	81 CUL	106 SC
7 SC	32	57	82 PWD	107 ST
8	33 SC	58	83	108
9	34	59 SC	84	109
10	35	60 SP	85 SC	110
11	36	61 CUL	86	111
12 SC	37	62 (PWD)	87	112
13 ST	38 CUL	63	88	113 SC
14	39 SC	64	89	114
15	40 SP	65 SC	90	115
16	41 ST	66	91 SC	116
17	42 PWD	67 ST	92	117 SP
18 SC	43	68	93 ST	118 CUL
19 SP	44	69	94	119 SC
20 CUL	45	70	95	120 ST
21 PWD	46 SC	71	96	
22	47	72 SC	97 SC	
23	48	73	98 CUL	
24	49	74	99 SP	
25	50	75	100	
(PWD -5%) 3 6	**(CUL-5%) 6**	**(SP-5%) 18**	(SC-15%)	**(SP-7.5%) 9**

ADMISSION ROSTER (120) (SUBSIDIZED SEATS) 2026-27

Sr. No.	Course Name	Total No. of Seats + 10% EWS	Starting of Roster for 2025-26 (Subsidized)	Gen	SC	ST	PWD	CUL	EWS	SP	SGC	Total
1.	BCA (96-05)	60	37	18	04	02	02	02	06	02	01	37
2.	BBA (31-60)	60	37	19	05	02	01	01	06	01	01	37
3.	BTTM (81-100)	40	25	12	03	01	01	02	04	01	01	25
4.	BSc Biotech (91-120)	30	34 (Non-Subsidized)	17	05	03	01	02	03	02	01	34
5.	PGDCA (101-120)	40	25	12	03	02	01	01	04	01	01	25

Abbreviations: Gen- General, SC-Scheduled Caste, ST-Scheduled Tribe, PWD- Person with Disability, CUL-Cultural, EWS- Economic Weaker Section, SP-Sports Person, SGC- Single Girl Child

	UNIFORM CODE							
Sr. No.	Course	Shirt	Trouser	Sweater	Blazer	Tie	Shoes	Socks
1.	BCA	White	Black	Blue	Blue	Steel Grey	Grey	Black
2.	BBA	White	Black	Grey	Black	Blue with white dot	Black	Blue
3.	BTTM	White/Lab Coat	Black	Grey	Black	Maroon	Black	Black
4.	BSc Biotech	White	Black	Grey	Black	Black	Black	Black
5.	PGDCA	White	Black	Blue	Blue	Steel Grey	Grey	Black

ADMISSION ELIGIBILITY TO BCA,BBA,BTTM&BSC BIOTECHNOLOGY

SR. NO.	COURSE	AGE ELIGIBILITY	PASS PERCENTAGE
1.	BCA	Maximum age limit for admission to BCA course is 21 years for general category, 24 years for SC/ST category and 23 years for girl candidates, as on the 1st July of the year concerned. The Vice- Chancellor may permit age relaxation up to maximum of three months.	Candidates who have passed 10+2 examination from H.P.Board/CBSE/ICSE or any other Board considered equivalent to 10+2, by the Himachal Pradesh University, Shimla-5, with 40% marks (35% marks for SC/ST category), shall be eligible.
2.	BBA	Maximum age limit for admission in BBA 1st Semester is 22 years for General Category candidates, 24 years for SC / ST Candidates and 24 years for girls' candidates as on first July of the concerned year. The Vice-Chancellor of H.P.University may permit the age relaxation up to maximum of three months. If any candidate wants to seek the benefit of relaxation in age he /	Candidates who have passed 10+2 examination from HP Board / CBSE/ICSE or any other examinations considered equivalent to 10+2, by HPU with 50% marks (45 % marks for SC/ST Categories) shall be eligible as per HP University rule. 75% seats will be reserved for the candidates who have passed their 10+2 examination from HP Board. The remaining 25% seats will be filled on all India basis and other reservation rules of HP University.

		she should produce permission of the vice chancellor of the affiliating university before the display of final merit list of selected candidates.	
3.	**BTTM**	The maximum age limit for admission in (BBA in TOURISM AND TRAVEL MANAGEMENT) Semester is 22 years for general category male candidates, 24 years for girl candidates and 24 years for SC/ST candidates as on 1st July of the concerned year. However the Vice- Chancellor may permit the age relaxation up to the maximum limit of three months. If any candidate wants to seek the benefit of age relaxation he / she should produce permission of the vice chancellor of Himachal Pradesh University Shimla before the display of	Candidates who have passed 10+2 (in any stream) examination from HP Board of School Education Dharamshala /CBSE /ICSE or any other examination considered equivalent to10+2 by H.P.U Shimla, with 50% marks (45% marks for SC/ST Categories) shall be eligible to take admission in BTTM (BBA in TOURISM AND TRAVEL MANAGEMENT) As per H.P. University rules, 75% seats will be filled out of the candidates who have passed their 10+2 examination from the schools situated in Himachal Pradesh irrespective of the board. Remaining 25% seats will be filled on all India bases

		final list of selected candidates.	and other reservation rules of H.P. University.
4.	**BSC-BIOTECH**	The candidate who has appeared in the qualifying examination but whose result has so far not been declared can also apply but his/her eligibility for the entrance test will be purely provisional subject to the condition that he/she has to produce a passing certifcate scoring at least the minimum percentage of marks as prescribed for the qualifying examination on the day and the specified time of counseling. The candidate shall not be more than 22 years of age as on 01st July of the year of admission. Date of birth as recorded in the Matriculation, Secondary Education Board/ University Corticated Only will be considered as	• The candidate should have passed 10+2 (class XII) Examination or its equivalent from a recognized Board/ University with any of the three subjects out of Physics, Chemistry and Biology or any other science subject with 50% or equivalent grade (for SC/ ST candidates marks of eligibility will be 45% or equivalent grade). • In case of candidates who are studying in University/Board/College/Schools in any of the foreign countries the eligibility/Qualifying marks will be the same as recognized/equivalent to 10+2 by the University or the association of the Indian University with 50% marks of equivalent grade (for SC/ ST candidates, eligibility will be 45% marks or equivalent grade).

		authentic.	
5.	**PGDCA**	Candidates seeking admission in PGDCA programme should not be more than 26 years of age as on 1st July of the year concerned, whereas relaxation in upper age limit will be of 3 years to the SC/ST Candidates.	Any Graduate from the Recognized University or its equivalent with at least 50% marks (45% marks in case of SC/ST candidates).

FACILITIES FOR STUDENTS:

- Library, Wi-Fi Campus
- Hostel (Boys & Girls)
- Career Guidance , Counseling and Placement Cell
- Sports (Indoor & Outdoor)
- Canteen
- NSS (Two Units)
- Rovers And Rangers
- NCC(Navel wing girls and boys)(Infantry wing boys and girls)
- Well- equipped computer lab for BCA,BBA & PGDCA and BSc Biotechnology

ASSOCIATIONS FOR THE WELFARE OF THE STUDENTS:

- PTA (Parents Teacher Association)
- OSA (Old Students Association)
- CSCA(College Students Central Association)

ACTIVITIES BEING ORGANIZED FOR THE STUDENTS:

- Personality Development Programmes
- Campus Placement
- Educational Tours
- Industrial Visits
- Rozgar Mela
-

SCHOLARSHIPS

• CENTRAL SPONSORED SCHEMES

a) Post metric scholarship for SC, ST and OBC students

b) Central sector university and college scheme for the meritorious Students of general category.

c) Dr. Ambedkar post matric scholarship for economically backward class students.

• STATE SPONSORED

a) Kalpana Chawla chartravriti Yojna

Course Outline and Scheme of Examination of BCA

The course is a full time course under CBCS System spread over six semesters. Detailed course outline for BCA programme as prescribed by Himachal Pradesh University is given below:

BCA 1st SEMESTER

Paper Code	Paper Title	Credit	University Examination	Internal Assessment	Max. Marks	Exam. Duration Hours
BCA 0101	Mathematics-I	4	70	30	100	3
BCA 0102	Applied English	4	70	30	100	3
BCA 0103	Computer Fundamentals	4	70	30	100	3
BCA 0104	C Programming	4	70	30	100	3
BCA 0105	Office Automation Tools	4	70	30	100	3
BCA 0104(P)	C Programming Lab -1	3	35	15	50	3
BCA 0105(P)	Office Automation Tools Lab -II	3	35	15	50	3
	BCA-1st Sem (ENVS2AECC02) Environment Science	--	--	--	100	--
	Total	26			**600**	

BCA 2nd SEMESTER

Paper Code	Paper Title	Credit	University Examination	Internal Assessment	Max. Marks	Exam. Duration Hours
BCA 02101	Mathematics –II	4	70	30	100	3
BCA 0202	Communicative English	4	70	30	100	3
BCA 0203	Digital Electronics	4	70	30	100	3
BCA 0204	Data Structure	4	70	30	100	3
BCA 0205	Data Base Management system	4	70	30	100	3
BCA 0204(P)	Data Structure Lab-III	3	35	15	50	3
BCA 0205(P)	Data Base Management system Lab-IV	3	35	15	50	3
	Total	26			**600**	

NOTE: The outline of the course will be finally intimated after the approval of syllabus and duration of course as per HPU norms.

BCA 3rd SEMESTER

Paper Code	Paper Title	Credit	University Examination	Internal Assessment	Max. Marks	Exam. Duration Hours
BCA 0301	Mathematics –III	4	70	30	100	3
BCA 0302	Business Practices and Management	4	70	30	100	3
BCA 0303	Computer Organization	4	70	30	100	3
BCA 0304	Object Oriented Programming with C++	4	70	30	100	3
BCA 0305	Desktop publishing & Designing	4	70	30	100	3
BCA 0304(P)	Object Oriented Programming with C++ Lab-V	3	35	15	50	3
BCA 0305(P)	Desktop publishing and Designing Lab-VI	3	35	15	50	3
	Total	26			**600**	

BCA 4th SEMESTER

Paper Code	Paper Title	Credit	University Examination	Internal Assessment	Max. Marks	Exam. Duration Hours
BCA-0401	Personnel Management	4	70	30	100	3
BCA-0402	Accounting	4	70	30	100	3
BCA-0403	System Analysis and Design	4	70	30	100	3
BCA-0404	Internet Technology & Web Page Design	4	70	30	100	3
BCA-0405	Programming in Visual Basic Internet Technology &	4	70	30	100	3
BCA0404(P)	Web Page Design Lab-VII	3	35	15	50	3
BCA-0405(P)	Programming in Visual Basic Lab-Ill	3	35	15	50	3
	Total	26			**600**	

BCA 5th SEMESTER

Paper Code	Paper Title	Credit	University Examination	Internal Assessment	Max. Marks	Exam. Duration Hours
BCA-0501	Operating System	4	70	30	100	3
BCA-0502	e-Commerce	4	70	30	100	3
BCA-0503	Management Information System	4	70	30	100	3
BCA-0504	ASP. net Technologies	4	70	30	100	3
BCA-0505	Computer oriented statistical methods	4	70	30	100	3
BCA0504(P)	ASP Net technologies Lab-IX	3	35	15	50	3
BCA-0505(P)	Computer oriented statistical Method lab-X	3	35	15	50	3
	Total	26			**600**	

BCA 6th SEMESTER

Paper Code	Paper Title	Credit	University Examination	Internal Assessment	Max. Marks	Exam. Duration Hours
BCA-0601	Computer Networks	4	70	30	100	3
BCA-0602	Numerical Methods	4	70	30	100	3
BCA-0603	Multimedia Technology	4	70	30	100	3
BCA-0604	Computer Graphics	4	70	30	100	3
BCA-0605	Software Engineering	4	70	30	100	3
BCA0604(P)	Computer Graphics Lab-XI	3	35	15	50	3
BCA-0605(P)	Major-Project	3	35	15	50	3
	Total	30			**600**	

Scheme of Examination for BCA

The pass percentage in each subject will be 40 %.

i) Theory Papers

For regular students each paper will be of 100 marks (70 marks for theory exam and 30 marks for internal assessment) and duration of each paper will be 3 hours.

In each theory paper, nine questions are to be set. Two questions are to be set from each unit and candidate is required to attempt at least one question from each unit.

Question number nine will be compulsory, which will be of short answer type with 5 to 10 parts, out of the entire syllabus. In all five questions are to be attempted.

ii) Practical Examination   Duration: 3 Hrs.

Practical exam will be of 50 marks (Int. -15 & Ext. 35).

Course Outline and Scheme of Examination of PGDCA

Outline of PGDCA Course (1 year) -Two Semester

Course Code	Paper	Max. Marks Theory	Internal Assessment	Exam. Duration Hours
SEMESTER-1				
DCS-101	Fundamentals of Programming using C	75	25	3
DCS-102	Office Automation Tools	75	25	3
DCS-103	Computer Organization	75	25	3
DCS-104	Elective - 1	75	25	3
DCS-105	Practical-I (C Language)	75	25	3
DCS-106	Practical-II (Office Automation Tools)	75	25	3
SEMESTER -II				
DCS-201	Data &file structure	75	25	3
DCS-202	Web Technology and Designing	75	25	3
DCS-203	Database Management system	75	25	3
DCS-204	Elective - 2	75	25	3
DCS-205	Practical-III (Web Technology and Designing)	75	25	3
DCS-206	Practical-IV (DBMS)	75	25	3

Elective-1

Course Code Paper	Course Code Paper
DCS-104 (i)	Operating System
DCS-104 (ii)	**Software Engineering**
DCS-104 (iii)	**Multimedia Technology**

Elective-2

Course Code Paper	Course Code Paper
DCS-204 (i)	Data Communication and Networks

DCS-204 (ii)	Object oriented programming using JAVA
DCS-204 (iii)	Artificial Intelligence

Scheme of Examination for PGDCA

Theory Papers

For regular students each paper will be of 100 marks (75 marks for theory exam and 25 marks for internal assessment) and duration of each paper will be 3 hours.

In each theory paper, nine questions are to be set. Four questions are to set from each part and candidate is required to attempt two questions from each part. Question number nine will be compulsory, which will be of short answer type with 5-10 parts, out of the entire syllabus. In all, five questions are to be attempted.

Practical Examination   Duration: 3 hours

Max. Marks: 100 (75 marks for practical and 25 marks for internal assessment)

Course Outline and Scheme of Examination of BBA

The course will be a full time course under CBCS System divided into six semester's implemented w.e.f. session 2024-2025. It has following objectives:-
i. To provide adequate understanding about management education.
ii. To prepare students to explore opportunities being created in management profession. iii. To train students in communication skills effectively.
    iv. To develop appropriate skills among students so as to make them competent for skill employment. To inculcate entrepreneurial skills.

Semester-I						
Course Structure				Marks		
Course No.	Semester -1		Credits	CCA	ESE	Total
101	Environmental Science	AECC-1				
102	Fundamental of Management & organizational	Core Course	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)

	Behavior					
103	Statistics of Business Decisions	Core Course	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
104	Entrepreneurship Development	Generic Elective -I	6 (L4 +12)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)

Semester-II

Course Structure				Marks		
Course No.	Semester -1I		Credits	CCA	ESE	Total
201	(AECC)-II	Business Comunication (Language: English/ MIL)	Common with B.Com hon's			
202	Managerial Economics	Core Course	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
203	Business Accounting	Core Course	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
204	Ethics and Corporate social responsibility	Generic Elective -II	6 (L4 +12)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)

Semester-III

Course Structure				Marks		
Course No.	Semester -III		Credits	CCA	ESE	Total
301	Macroeconomics	Core Course	6 (L5 +T1)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
302	Principles of Marketing	Core Course	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
303	Management Accounting	Core Course	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
304	India's Diversity & Business	Generic Elective -III	6 (L4 +12) 13 (Mm)	30 (Max.) 32(Min)	70 (Max) 45(Min)	100 (Max)
305	Personality Development & Communication Skills	Skill Enhancement Coursed -1	6 (L4 +P2)	30 (Max.) 13 (Mm) 23(Min)	**Theory** 50(Max.) 9(Min.) **Internal**	**Practical** 20(Max.) 45(Min)	100 (Max)

Semester-IV

Course Structure				Marks		
Course No.	Semester -IV		Credits	CCA	ESE	Total
401	Business Research	Core	6 (L5 +11)	30 Max.)	70 (Max)	100

	Course			13 Mm)	32(Min)	(Max) 45(M in)
402	Human Resource Management	Core Course	6 (L5 +T1)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
403	Financial Management Course	Core	6 (L5 +11)	13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
404	Tax Planning	Generic Elective -IV	6 (L4 +T2)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(M in)

405	IT Tools in Business	Skill Enhancement Course-11	6 (L4 +P2) 13 (Mm)	30 (Max.)	**Theory** 50(Max.) 23(Min)	**Practical** 20(Max.) 9(Min.) **Internal**	100 (Max) 45(Min)

Semester-V

Course Structure				Marks		
Course No.	Semester -V		Credits	CCA	ESE	Total
501	Quantitative Techniques for Management	Core Course	6 (1-5 +T1)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
502	Legal Aspects of Business	Core Course	6 (1-5 +11)	30 (Max.) 13 (Mm	70 (Max) 32(Min)	100 (Max) 45(Min)
503	(DSE-I) Finance Investment Banking & Financial Services OR (DSE-II) Marketing Consumer Behaviour OR (DSC-III Human Resource) HRD: Systems & Strategies	DSE Note: Students can opt any one of the specialization in Vth Semester and the same will continue in the VIth the VIth Semester.	6 (1-5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)

504	(DSE-I Finance) Investment Analysis & Portfolio Management (DSE-11 Marketing) Retail Management (DSE-111 Human Resource) Training and Management Development	DSE	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)

Semester-VI

Course Structure				Marks		
Course No.	Semester -VI		Credits	CCA	ESE	Total
601	Business Policy & Strategy	Core Course	6 (1-5 +T1)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
602	Financial Institutions & Markets	Core Course	6 (1-5 +T1)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
603	(DSE-1 Finance) Project Appraisal & Analysis OR (DSE-11 Marketing) Distribution & Supply Chain Management OR (DSE-111 Human Resource) Performance & Compensation Management	DSE	6 (L5 +T1) 13 (Mm)	30 (Max.) 32(Min)	70 (Max) 45(Min)	100 (Max)
604	(DSE-1 Finance) Project Report OR (DSE-II Marketing) Project Report	DSE	6			100 (Max) 45(Min) (External

					Evaluation)
OR (DSE-Ill Human Resource) Project Report					

Continuous Comprehensive Assessment (CCA) Pattern:-

Distribution of marks for CCA in each course in each Semester and instructions for conducting Mid Term Test and Evaluation of Tutorial/Assignments/ Seminars/ quiz etc is as follows.

Distribution of marks for CCA in each course in each semester

Mid Term Test (MTT)	Class Test/Tutorials/Assignment /Seminar/Presentation	Attendance	Total
15	10	5	30

Scheme of Examination

A) University Examinations: The BBA degree course will be spread over in 6 semesters during three years. The final semester exam will be conducted as per the schedule of H.P.U.

B) Mid Term Test: MTT for the students of BBA will be conducted in each semester and unit exam will be conducted once in a semester and performance report of candidates in MTT and unit test will be communicated to the parents of the candidates and it can be accessed on the college website at www.gcbilaspur.in also.

The detailed course outline for BTTM (BBA in TOURISM AND TRAVEL MANAGEMENT) programs prescribed by Himachal Pradesh University under choice based credit system (CBCS), which is subject to change by board of studies approved by academic council and the executive council of the University is as follows:

Course Outline and Scheme of Examination of BTTM

Course Code	Title of Course	Total Marks			Credits
		Internal Assessment	Semester end exam	Total	
SEMESTER-I TOTAL CREDITS = 20					
BTTM-1-01	Basics of Tourism	40	60	100	4
BTTM-1-02	Basics of Management	40	60	100	5
BTTM-1-03	Communication Skills	40	60	100	4
BTTM-1-04	Tourism Resources of North and East India	40	60	100	5
ENVS2AECC02	BBA in Tourism & Travel Management (ENVS2AECC02) Environment Science	--	--	100	--
			Total	400	18

		SEMESTER-II TOTAL CREDITS = 24				
Course Code	Title of Course	Total Marks				Credits
		Internal Assessment	Semester end exam	Total		
BTTM-2-05	Introduction to Statistics	40	60	100		5
BTTM-2-06	Tourism Products of Himachal Pradesh	40	60	100		4
BTTM-2-07	Tourism Marketing and Promotion	40	60	100		5
BTTM-2-08	Travel Agency and Tours Operations	40	60	100		5
BTTM-2-09	Basics of Computer Applications	40(i.e.20-Practical20-Assessment)	60	100		3+1=4
			Total	500		23

Note: See General Instructions of CBCS/RUSA at Page No.2 further details. In Course BTM-2-09, practical of 20 marks will be conducted by Internal/External Examiner

		SEMESTER-III TOTAL CREDITS = 22				
Course Code	Title of Course	Total Marks				Credits
		Internal Assessment	Semester end exam	Total		
BTTM-3-10	Hotel Operations	40	60	100		5
BTTM-3-11	Tourism Resources of West and south India	40	60	100		5
BTTM-3-12	Elementary Financial Management and Accounting	40	60	100		5
BTTM-3-13	Tourism Geography and Map Work	40	60	100		4
BTTM-3-14	Report of LDC			100		3
			Total	500		22

Note: 2 In Course BTTM 3-14, students will be required to go for a Leadership Development Camp organized by the Department. Thereafter they will submit a report on the same which will be evaluated by Internal/External Examiner

		SEMESTER-IV TOTAL CREDITS = 22				
Course Code	Title of Course	Total Marks				Credits
		Internal Assessment	Semester end exam	Total		
BTTM-4-15	Outbound Tourism	40	60	100		5
BTTM-4-16	Tourism Impacts	40	60	100		4
BTTM-4-17	Tourism and Environmental Studies	40	60	100		5
BTTM-4-18	Itinerary Preparation and Costing	40	60	100		5
BTTM-4-19	Event Management(Min. 3, Max. 15			100		3

				days) Report				

		Total	500	22

Note : 1. In Course BTTM 4-19, students will be required to participate in the management of any event assigned by the Department and will be required to submit a report on their experience in the logistics of event management. The report will be evaluated by External/Internal examiner.

SEMESTER-V TOTAL CREDITS = 23

Course Code	Title of Course	Total Marks			Credits
		Internal Assessment	Semester end exam	Total	
BTTM-5-20	Basic of Research	40	60	100	5
BTTM-5-21	Global Tourism	40	60	100	5
BTTM-5-22	Economics of Tourism	40	60	100	5
BTTM-5-23	Ticketing and Transportation	40	60	100	5
BTTM-5-24	Project Report			100	3
			Total	500	23

Note:

1. In Course BTTM 5-24, students will be allotted detailed Project Work. They will be required to carry out research on their topics and will submit a structured project report. The Report will be evaluated by External/Internal Examiner.

2. The students will be required to undertake Two Months on the Job (OJT) training (Jan-Feb) after their 5th Semester in any Travel Organization.

SEMESTER -VI TOTAL CREDITS = 22

Course Code	Title of Course	Total Marks			Credits
		Internal Assessment	Semester end exam	Total	
BTTM-6-25	Trade related issues and frontier formalities	40	60	100	5
BTTM-6-26	Organization Behavior	40	60	100	5
BTTM-6-27	Government and Tourism	40	60	100	4
BTTM-6-28	On the Job Training (Two months) Report	40	60	100	5
BTTM-6-29	Viva Voice			100	3
			Total	500	22

Note: For Course BTTM 6-28, students will be required to submit their On the Job training report for training undertaken in any travel organization after the completion of the previous (Vth) semester. The detailed work profile, experience and learning will be explained in the report and the report will include a certificate of training form the organization where the training was undertaken. The Report will be evaluated by External/Internal Examiner.

In BTTM-29, a Comprehensive Final Viva Voce will be conducted for the students to assess their

learning of the whole bachelors program. The Viva will be conducted by External/Internal

Examiner.

ELIGIBILITY FOR PROMOTION TO NEXT SEMESTER

Candidates who have passed 10+2 examination from HPSE Board/CBSE/TCSE or any other examinations considered equivalent to10+2,by HPUwith50%marks(45%marks for SC/ST Categories) shall be eligible as per HP University rule. 75% seats will be reserved for the candidates who have passed their 10+2 examination from HP Board. The remaining 25% seats will be filled on all India basis and other reservation rules of HP University.

SCHEME OFEXAMINATION

- University Examinations: The BTTM course will be spread over in 6 semesters during three years. The final semester exam will be conducted as per the schedule of H.P.U. Shimla.

- House Examination: House examination for the students of BTTM will be conduct in each semester and the performance report of candidates will be communicated to the parents of the candidates. It can be have from the college website

Course Outline and Scheme of Examination of BSc Biotechnology

Years	Core Course (14)		Credits	Ability Enhancement Compulsory Course	Credits	SkilEnhancement Course (SEC),(5)	Credits	Discipline Specific Elective(DSE),(8)	Credits
I	BIOTECH1C01TH BIOTECH1C01PR	Biochemistry& Metabolism Biochemistry& Metabolism	4 2	ENGL 103/Hindi/MIL Communication	4	Nil		GE-1 MICROGE01TH: Cell Biology MICROGE01TH: CellBiology	4 2
	BIOTECH1C02TH BIOTECH1C02PR	General Microbiology General Microbiology	4 2						
	BIOTECH1C03TH BIOTECH1C03PR	Genetics Genetics	4 2	ENVSAECCo2 Environment Science	4			GE-2 CHEM GE103TH:Chemistry-1 GE103TH:Chemistry-1	4 2
	BIOTECH1C04TH BIOTECH1C04PR	Molecular Biology Molecular Biology	4 2						
II	BIOTECH2C05TH BIOTECH2C05PR	Immunology Immunology	4 2			Any 3 SEC Subjects in year II	12	GE-3 MICRO2GE03TH:Bio Analytical Tool MICRO2GE03TH:Bio Analytical Tool	4 2
	BIOTECH2C06TH BIOTECH2C06PR	Bioprocess Technology Bioprocess Technology	4 2						
	BIOTECH2C07TH BIOTECH2C07PR	RecombinantDNA Technology RecombinantDNA Technology	4 2						
	BIOTECH2C08TH BIOTECH2C08PR	Environmental Biotechnology Environmental Biotechnology	4 2					GE-4 CHEMGE205TH: Chemistry-2	4 2

	Course Code	Course Title	TH/PR							
	BIOTECH2C09TH	Bacteriology and virology	4						CHEMGE 205TH:Chemistry-2	
	BIOTECH2C09PR	Bacteriology and virology	2							
	BIOTECH2C010TH	Microbial Physiology	4							
	BIOTECH2C010PR	Microbial Physiology	2							
III	BIOTECH3C011TH	Animal Biotechnology	4						Any 4DSE Subject in III year from the list (Theory=4 & Practical=2)	24
	BIOTECH3C011PR	Animal Biotechnology	2							
	BIOTECH3C012TH	Plant Biotechnology	4							
	BIOTECH3C012PR	Plant Biotechnology	2							
	BIOTECH3C013TH	Medical Microbiology	4							
	BIOTECH3C013PR	Medical Microbiology	2							
	BIOTECH3C014TH	Food Biotechnology	4							
	BIOTECH3C014PR	Food **B**iotechnology	2							
	Core Couse Total Credits =	**84**	AECC Total Credits =	8	SE Total Credits	08	GE/DSE Total Credits =	48		

Total Credits: 84+8+8+48=148 TH Theory, PR : Practical : C Core Courses **AECC**: Ability Enhancement Compulsory Course, **SEC**: Skill Enhancement Course ,**GE**: Generic Elective ,**DSE**: Discipline Specific Elective

CHOICE BASED CREDIT SYSTEM
B.Sc. (Hons.) Biotechnology

1st Year	
CORE COURSES	
BIOTECH1C01	Biochemistry & Metabolism
BIOTECH1C02	General Microbiology
BIOTECH1C03	Genetics
BIOTECH1C04	Molecular Biology
ABILITY ENHANCEMENT COMULSORY COURSE (AECC)	
ENGL 103/HINDI/MIL Communication	
ENVS1AECC02 Environment science	
GENERIC ELECTIVE (from other streams)	
GE1	
GE2	
2nd Year	
CORE COURSES	Immunology
BIOTECH2C05	Bioprocess Technology
BIOTECH2C06	Recombinant DNA Technology
BIOTECH2C07	Environment Biotechnology
BIOTECH2C08	Bacteriology and virology
BIOTECH2C09	Microbial Physiology
BIOTECH2C010	
SKILL ENHANCEMENT COURSES(SEC-Any TWO)	
BIOTECH2SEC01	Enzymology
BIOTECH2SEC02	Bioinformatics
BIOTECH2SEC03	Bio-fertilizers and Bio-pesticides
BIOTECH2SEC04	Industrial Fermentations
BIOTECH2SEC05	Biostatistics
GENERIC ELECTIVE (From streams other than	

biotechnology)	
GE3	
GE4	
3rd year	
CORECOURSES	
BIOTECH3C11	Animal Biotechnology
BIOTECH3C12	Plant Biotechnology
BIOTECH3C13	Medical Biotechnology
BIOTECH3C14	Food Biotechnology
DISCIPLINE SPECIFIC ELECTIVE (DSE-Any Four)	
BIOTECH3DSE01	Biochemical Engineering
BIOTECH3DSE02	Advances in Microbiology
BIOTECH3DSE03	Ecology and Environment Management
BIOTECH3DSE04	Biosafety and intellectual property Rights
BIOTECH3DSE05	Basics of Forensic Sciences
BIOTECH3DSE06	Molecular Diagnostics

STUCTURE OF B.SC.HONOUR'S BIOTECHNOLOGY

(CBSC-ANNUAL)

Core course(C)

Course Name 1st Year	Course Code 1st Year	2nd Year Course Name	Course Code 2nd Year	Course Name 3rd Year	Course Code 3rd Year
Biochemistry& Metabolism	**BIOTECH1C01:**	Immunology	**BIOTECH2C05:**	Animal Biotechnology	**BIOTECH3C011:**
General Microbiology	**BIOTECH1C02:**	Bioprocess Technology	**BIOTECH2C06:**	Plant Biotechnology	**BIOTECH3C012:**
Genetics	**BIOTECH1C03:**	Recombinant DNA Technology	**BIOTECH2C07:**	Medical Microbiology	**BIOTECH3C013:**
Molecular Biology	**BIOTECH1C04:**	Environmental Biotechnology	**BIOTECH2C08:**	Food Biotechnology	**BIOTECH3C014:**
		Bacteriology and Virology	**BIOTECH2C09:**		
		Microbial Physiology	**BIOTECH2C10:**		

Ability Enhancement Compulsory Course (AEC)
ENGL103: English Communication
ENVS1AECC02: Environment Science

Skill Enhancement Elective Course (SEC)
(Any 2 SEC Subject in 2nd year from the list)

2nd Year	
BIOTECH2SEC01	Enzymology
BIOTECH2SEC02	Bioinformation
BIOTECH2SEC03	Bio-fertilizers and Bio-pesticides
BIOTECH2SEC04	Industrial Fermentations
BIOTECH2SEC05	Biostatistics

Generic Elective Courses

(For stream other than B.Sc. Hons. Biotechnology CBCS-Annual)

1st Year	2nd year
GE-1 BIOTECH1GE01TH:Mycology and Phycology BIOTECH1GE01PR: Mycology and Phycology	GE-3 BIOTECH2GE3TH: Molecular Biology BIOTECH2GE3PR: Molecular Biology
GE-2 BIOTECH1GE02TH: Cell Biology BIOTECH1GE02PR: Cell Biology	GE-4 BIOTECH2GE4TH: Immunology BIOTECH2GE4PR: Immunology

Discipline Specific Elective
(Any 4 DSE Subjects in 3rd year from the list)

3rd year	
BIOTECH3DSE01	Biochemical Engineering
BIOTECH3DSE02	Advances in Microbiology
BIOTECH3DSE03	Ecology and Environment Management
BIOTECH3DSE04	Biosafety and Intellectual Property Right
BIOTECH3DSE05	Basic of Forensic Sciences
BIOTECH3DSE06	Molecular Diagnostics

IMPORTANT DATES OF ANNOUNCEMENTS

ADMISSION, COUNSELING AND MERIT LISTS DISPLAY

(SESSION 2026-27)

SR. NO.	CONTENTS	DATES
1.	DATES OF ONLINE ADMISSION	
2.	ADMISSION COUNSELING	
3.	FIRST MERIT LIST OF COURSES	
4.	FEES DEPOSIT DATES	
4.	SECOND MERIT LIST OF COURSES	
5.	FEES DEPOSIT DATES	

ACTIVITIES PHOTO GALLERY OF BCA & PGDCA DEPARTMENT

Industrial Visit

Students Attending Session

Student's Counseling Session

Students During Technical Session

ACTIVITIES PHOTO GALLERY OF BTTM Department

Students During Cleanliness Drive

Students During World Tourism Day Celebration's

Student's going on Leadership Development Camp, Raison, Kullu
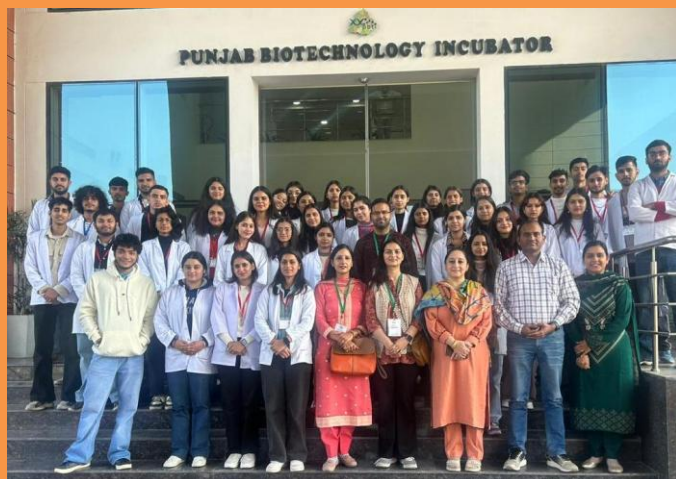

Students During Plantation Drive

ACTIVITIES PHOTO GALLERY OF BSC. BIOTEHNOLOGY DEPARTMENT

Industrial Visit

National Science Day Celebrations

Student's During Industrial Visit, Chandigarh

Students During Fresher's Celebrations

ACTIVITIES PHOTO GALLERY OF BBA

Industrial Visit

Industrial Visit

Student's During Industrial Session

Student's During Industrial Visit, Phgwara Punjab