

From Director's Desk



**“Real education has to draw out the best from the students to be educated”
“Mahatma Gandhi Ji”**

Dear students,

It gives me immense pleasure to welcome all those students who are seeking admission in the current session 2024-25. In this 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. In professional education under aegis of BCA, BBA, BTMM, BSc Biotechnology and PGDCA courses is also being transmitted in this institution.

It is a matter of honor to be the Principal of a college that not only provides quality education to its students but also aims at their all round development. We aim to evaluate our students on the basis of their physical, mental, social, emotional and intellectual development. The sole purpose of education is to enable the students to become economically independent, mentally strong and spiritually elevated human beings to lead a fruitful life. True education leads to the transformation of the human mind. It unfolds newer worlds to the receptive mind. In this era of globalization the aim of education has to be to make our students global citizens as globalization has resulted in significant changes in the education sphere to cater to the skill requirements all across the globe. Inclusion of a competitive spirit at all levels has become necessary which can be achieved by qualitative education. Quality education means to produce students who are skilled and able to drive the nation forward today. The diversification of learning opportunities, enhanced employability and innovative skills are essentially being required. This institution is responding well to the scenario of education by imbuing positive change and producing not only excellent academicians, outstanding sports personalities and cultural ambassadors but at the same time wonderful human beings. The experienced dedicated teachers and excellent infrastructure would help the students to realize their goals. Experimental learning to me is the key to quality education. I seek to instill in our students a passion for the same and its best utilization. As the Principal of the college I shall endeavor 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. You are here to shape your future. My best wishes to you all.

Prof. Neena Vasudeva
Chairperson, HEIS
Govt. College Bilaspur, HP

Member Secretary's Desk



Education is the best gift that the parents and educational institutions can provide to a child. HEIS of the Government College Bilaspur (HP) is committed to give its pupils a sound foundation in the now-a-days competitive environment. HEIS extends you all warm greetings in the new academic session 2024-25. Along academic excellence skill development and employability of the students is the major focus. HEIS through its various courses prepares learners to face the challenges of today and tomorrow with confidence and abilities. We encourage each student to develop themselves in their special field of interest and groom them to acquire skills, confidence, patience, competence to bear responsibilities in all walks of life.

Dear student's hard work is the key to success. All you have to learn and work with utmost and fullest commitment in order to give best in life. Life is full of opportunities, bottlenecks are there but constant endeavors bear fruits. Remember laziness is your worst enemy and constant hard work is your best friend. Therefore, make up your mind and don't leave any stone unturned to reach at your destined goal. Life is all about "Chances" and "Opportunities". Never leave anything to "Chance" and never let any "Opportunity" to get away. Keep on doing and going. Aim for the sky, you will definitely able to reach at the mountain top: Remember, expecting to get what you aim in life is like expecting to win a race without running.

Wishing you all the best in your life.

Dr. Surinder Singh
Member Secretary,
Govt. College Bilaspur, H.P.

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➤ 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, BTA 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.

Departments under

1. **Dept. of Computer Science:** The course of bachelor of computer application (BCA) is being offered in the institution under self financing scheme and regulated through the registered Under Co-

operative Society Act-2006

2. Dept. of Management Studies: Dept. of Management Studies was set up in 2010 under the aegis of with a vision to facilitate students to attain academic and professional excellence in the field of Business Management. Institution is successfully running BBA (2010 onwards) & BTTM (2012 onwards) courses.

3. Dept. of Biotechnology

Dept. of Biotechnology was set up in the year 2010.

SELF-FINANCE COURSES

UG COURSES	ALLIED & ELECTIVES
BBA(2010-11)	<p>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.</p> <p>Elective</p> <ul style="list-style-type: none"> • Project Report
BCA(2006-07)	<p>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.</p> <p>Elective</p> <ul style="list-style-type: none"> • Project Report
PGDCA(2006-07)	<p>Allied PC Software, Operating System, Computer Organisation and Architecture, Data & File structure System Analysis and Design.</p> <p>Elective</p> <ul style="list-style-type: none"> • Project Report
B.Sc.(Bio-tech)(2010-11)	<p>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.</p> <p>Elective:</p> <ul style="list-style-type: none"> • Enzymology, Bioinformatics, Industrial Fermentations, Genomics and Proteomics
	<p>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,</p>

BTTM(2012-13)	Introduction to Statistics, Basics of Research, Ticketing and Transportation, Frontier Formalities, Financial Management, Itinerary Preparation and Costing, Organization Behaviour, Government and Tourism Elective <ul style="list-style-type: none"> • Leadership Development Report • Event Management Training Report • Research Report • On the Job Training Report
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➤ **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**
 - 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

➤ **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 Economically Weaker Session Category for the admission to BBA and BCA for the academic session 2024-25. If these seats remain vacant than these seats neither be filled with other category nor will carry forward.**
- **Withdrawal of Seat:**
- If a student chooses to withdraw from the program of study in which he/she is enrolled, the college shall follow the following five tier system for the refund of fees remitted by the student

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)

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 Nominee	Principal Govt. College Ghumarwin
9	Nominated Member	Any eminent educationist

For further Admission query please contact:

Prof. Teg Singh	Department of Computer science (BCA & PGDCA)	9418808900
Prof. Kanchan	Department of Computer science (BCA & PGDCA)	9816810584
Dr. Rakesh Kumar	Department of BBA	9418798150
Prof. Rajeev Sohil	Department of BBA	7018017793
Prof. Rohini Kanta	Department of BSc Bio Technology	70183 30735
Dr. Sonika	Department of BSc Bio Technology	9736741127
Prof. Sanjay Dhiman	Department of BTTM	9418610003
Prof. Puneet Prakash	Department of BTTM	9816377155

Bachelor of Computer Application (BCA) Post Graduate Diploma in Computer Application (PGDCA)



From the Co-ordinator's Desk

Education is the basis of all progress. The entire purpose of education is not to restrict itself to imparting bookish knowledge only but include humanitarian values like wisdom, compassion, and courage humility, inculcation of civic virtues, integrity and reliability in students. We just like you believe in holistic education for your child encompassing-academics, co- curricular activities and life skills learning.

Rapid change in society has left a profound impact on the roles of different people. The colleges will be playing a vital role in future developing the personality of students. I envision computer science department to undergo a transition from versatility to super specialty. Therefore I whole heartedly committed myself, to innovatively design the co curriculum wetted by industry experts and applied the same with complete dedication to achieve academic excellence. We feel proud by providing quality education and equipping our students with skills, confidence and positive approach which will lead to all round development of the students. Our vision is to make computer science department a name to reckon with academic knowledge, application and inspiring the students by giving a strong impacts in creating an environment to become eminent leaders of tomorrow. The department has technically established computer lab comprising of latest computers with internet facility, a well-stocked library and spacious classroom. I wish that all my students will learn with zeal to be a professional who will work for the betterment of humanity. I once again welcome our ambitious youngsters to the department as they are the designer to realize their dreams in IT. I wish you all good luck for future endeavors.

Dr. Surjeet Chandel
Co-ordinator BCA & PGDCA
Govt. College Bilaspur, HP.

Why Admission in BCA:

Admission in Bachelor of Computer Applications (BCA) can be a wise choice for several reasons:

Career Opportunities: BCA opens up various career opportunities in the field of computer applications and information technology. Graduates can pursue roles such as software developer, web developer, system analyst, database administrator, etc.

Industry Demand: With the increasing reliance on technology in almost every sector, there is a growing demand for skilled professionals in the field of computer applications. BCA equips students with the necessary skills to meet this demand.

Versatility: BCA covers a wide range of topics including programming languages, database management, networking, and software development. This provides students with a versatile skill set that can be applied across different industries and job roles.

Entrepreneurship: BCA graduates have the option to start their own ventures or work as freelancers in areas such as software development, web design, and IT consulting.

Further Education: BCA serves as a solid foundation for further education in the field of computer science or related disciplines. Graduates can pursue higher studies such as Master of Computer Applications (MCA), Master of Science (M.Sc.) in Computer Science, or even pursue research in specialized areas.

Salary Potential: Careers in computer applications often offer attractive salary packages, especially for skilled professionals with relevant experience and expertise.

List of the Students Placed/Employed In Various Organizations

(As per the Information available in the Department)

Sr. No.	Name of the Students	Session	Organization	Designation
1	Himanshu	2018	Sonic Wall	Programmer
2	Shubham Sharma	2019	Tech. Prastish Software pvt ltd	Software Developer
3	Yash Kumar	2019	Smart Infocare Solution PvtLtd	Software Developer
4	Rajat Kumar	2019	Debut Infotech Pvt Ltd	Software Developer
5	Dixit Nadda	2019	LDT Technology Pvt Ltd	Software Developer
6	Devesh Kumar	2022	C.S. Soft solution	.Net Developer
7	Abhishek	2022	C.S. Soft solution	.Net Developer
8	Ishrat	2023	Arindam Software sol. Pvt. Ltd	IT HR
9	Akib	2023	Cs infotech	Web Developer
10	Oshin Rathore	2023	Pro Ultimate Gym	Sales Executive
11	Sachin Pathak	2023	Creatick solutions	.net developer
12	Vishal Thakur	2023	Vibhuti Technology	Full Stack Developer



Technical Session during Industrial Visit





During Counseling Session



During Seminar on Networking



During Athletic Meet BCA & PGDCA students

During farewell party (Administrative Staff & Faculty of BCA & PGDCA)



1. BACHELOR OF COMPUTER APPLICATIONS (BCA)

The course of Bachelor of Computer Applications (BCA) is being offered in the institution under self-financing scheme and regulated through the Higher Education Institute Society regd. Under Cooperative Society Act 2006. The duration of BCA degree course is three year spread over six semesters and is affiliated to Himachal Pradesh University Shimla. The basic objective to start this course in this institution is to impart quality education in Computer & Information Technology to the candidates admitted for the course to build their career in the I.T. & Computers paradigm.

The number of seats allotted for admission to BCA 1st Semester for the academic session 2024-25 is as follows:

Category	Seats
Subsidized	30
Non-Subsidized/Payment	30
TOTAL	60

Eligibility Conditions

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.

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 basis. Other reservation rules are as per H.P. University norms.

Age limit

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 1stJuly of the year concerned. The Vice- Chancellor may permit age relaxation up to maximum of three months. The admission to BCA course will be made on the basis of merit of the qualifying examination.

2. POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS (PGDCA)

The duration of PGDCA is one year spread over two semesters. The total number of seats in PGDCA course is 40 distributed as follows are:

Category	Seats
Subsidized	20
Non-Subsidized/Payment	20
TOTAL	40

Eligibility Condition:

Any Graduate from the Recognized University or its equivalent with at least 50% marks (45% marks in case of SC/ST candidates).

Age Limit:

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.

Laboratory Facilities

Presently the department of BCA & PGDCA is having two well-equipped AC Computer Labs with wi-fi connectivity with 4 mbps internet speed. A lab with 20 computers having latest configuration is already working. In addition to it, a new second lab has also been established by installing 30 computers of latest configuration. All the computer systems are fully protected with antivirus, Quick Heal, which is upgraded on regular intervals. These facilities keep the students updated of the new changes and innovations in the information technology world and prepare them for the tough competitions in every field. The students are always encouraged to take the maximum advantage of these facilities.

Library Facilities

The students of BCA & PGDCA have an access to the college library which is well stocked with text and reference books related to computer science. This section contains over 500 books including volumes related to the syllabus of the BCA & PGDCA. The library also subscribes three magazines (PC- Quest, Digit and Electronics for You) to keep the students updated and informed about new technical innovations in the field of information technology. The library gives the facility of e-Library and is connected through INFILIBNET. The students have the lab subscribes avail the benefits of departmental access to about 2100 e-Journals and 51000 e-Books. In addition to this the reading room

of library is available for the students from 10:00 am to 4:00 pm. The students are also given the facility of many daily newspapers, weekly and monthly magazines. The students are also provided an additional library, through, i.e., library under self -financing scheme, to consult and cater to their academic needs. This section of library also stocks about 1400 books.

Placement Cell

The department also makes regular efforts for the better placement of its outgoing students and with this objective a placement cell is working successfully in the department.

3. BASIS OF ADMISSION FOR BCA & PGDCA

i. Subsidized Seats BCA:

The admission shall be based on merit /competitive basis.

ii. Subsidized Seats PGDCA:

The selection will be made on merit basis.

iii. Non-Subsidized Seats: (Payment Seats)

In addition to the eligibility conditions, mentioned above, a candidate shall be required to submit along with the application form, any one of the following documents as may be applicable for the category of their candidature.

- A. Proof of Nationality in case of Foreign Nationals.
- B. Proof of their status in the case of NRI's for this purpose, either of the following documents shall be considered as a proper proof.
 - i) Copy of the Nonresident card/ Employment card issued by the employer.
 - ii) Photocopy of the immigration card/ employment VISA entry on the passport along with details of the passport.
 - iii) Certificate issued by the Indian embassy/high commission in the country where NRI is residing.
 - iv) Photocopy of the latest assessment order of Income Tax authorities either in India or the country of employment field in the status of NRI.
- C. Certificate of sponsorship from NRI to the case of sponsored candidate, along with proof of NRI status of the sponsored required under Para (b).
- D. Photocopy of the latest assessment order of the Income-tax authorities in India and the Permanent Account Number (PAN) of the sponsor, issued by the Income Tax Department.

4. Detailed Courses Outline for 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-1 st 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-III	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	

5. 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).

6. Detailed Courses Outline for 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	PC Software	75	25	3
DCS-103	Operating System	75	25	3
DCS-104	Computer Organization and Architecture	75	25	3
DCS-105	Practical- (C Language)	75	25	3
DCS-106	Practical-II (PC Software)	75	25	3
SEMESTER -II				
DCS-201	Data & file structure	75	25	3
DCS-202	System Analysis and Design	75	25	3
DCS-203	Object Oriented Programming & C++	75	25	3
DCS-204	Data Base Management System	75	25	3
DCS-205	Practical-III (DFS using C++)	75	25	3
DCS-206	Practical-IV(D.B.M.S.)	75	25	3
DCS-207	Project work	200		3

10. Fines

Absence fine per period	05.00
Absence fine per practical	10.00
Absence fine house test per paper	100.00
Fine for without Uniform	50 00 per day
Late Return Library book	01.00 per day/book

Note: Fee once deposited shall not be refunded in any case.

11. Dress Code

The dress code for BCA & PGDCA students is mandatory from the commencement of the courses. As per the norms of this code the students registered with BCA & PGDCA programmes are directed to follow the dress code strictly during the academic session. The code consist the following uniform:

1. Formal White shirt
2. Formal Black pant
3. Blue Blazer
4. Blue Sweater Common for Boys and Girls
5. Steel gray tie
6. Formal Black Shoes
7. Gray Socks
8. White Kurti, Black Salwar, Steel Grey Dupatta (option for Girls)

Note: The dress code is applicable only on Monday to Friday. The students are free to wear casual dress on Saturday.

12. Faculty Profile

a. Administrative Body

Prof. Neena Vasudeva	Chairperson (HEIS)
Dr. Surinder Thakur	Member Secretary (HEIS)
Dr. Surjeet Chandel	Coordinator, BCA & PGDCA.

b. Academic Faculty:



Mr. Teg Singh

Pursuing PhD, MCA, MSc-IT



Mr. Ankit Chandle

M.Tech CSc. UGC-NET



Mrs. Kanchan
MCA,B.Ed. ,Pursuing PhD



Mrs. SanjuBala
M.Com,B.Ed,PGDCA,PGDESD ,PhD



Mrs. Sonika Sharma
MA,B.Ed.,PGDCA, Pursuing PhD.



Mrs. Monika
MCA, Pursuing PhD



Mrs. Poonam Thakur
M.Tech CSc. UGCNET

c. Office Staff

Mr. Praveen Kumar	Sr.Computer Operator cum Sr.Clerk
Mrs. Reena	Office Assistant
Mr. Raman	Lab Boy
Mr. Anil Kumar	Peon

13. Online Submission of Application Form

Online admission starts from (BCA)

Last date for submission of online application form (BCA)

14. DOCUMENTS REQUIRED FOR ONLINE ADMISSION

1. All students willing to take admission in 1st year/Semester need to click on the link “**apply**”. Now for the registration, up to
2. After registration students will receive login Id and password, using which they need to login for the admission and submit the desired details and documents in application.
3. Scanned copies of all Board certificates from metric onwards.
4. Scanned copy of character certificate from the head of institution last attended.
5. A valid Own/Family member mobile number/Email account. All communication will be sent through SMS and Email.
6. Recent passport size photograph scanned in 140 x 180 pixel resolution and less than 200 KB in size.
7. Students with a gap of one year or more must have to accept declaration along with affidavit.
8. The candidates from other Boards/University must submit:
 - a. Eligibility certificate from H.P. Board/University showing equivalence.
 - b. Migration Certificate.
9. SC/ST scanned certificate for those seeking relaxation or weightage.
10. The candidates belong to IRDP, NCC, NSS, Sports, Cultural Quota those
11. seeking relaxation or weightage must upload scanned copy of certificate

1. THE CANDIDATE FINALLY SELECTED FOR B.C.A./ P.G.D.C.A. ARE TO ABIDE BY ALL THE RULES, GUIDELINES AND DIRECTIONS AS CONTAINED IN THE PROSPECTUS OF THE GOVT. P.G. COLLEGE BILASPUR FOR THE ACADEMIC SESSION 2024-25
2. THE COURSE FEE ONCE DEPOSITED WILL NOT BE REFUNDED IN ANY CASE.

Prof. Neena Vasudeva
Director-BCA& PGDCA
Govt. College Bilaspur, HP



From the Co-ordinator's Desk

"If You don't build your dream, someone will hire you to help build theirs"

-Dhirubhai Ambani

MESSEGE

India is the fastest growing economy of the world. It has a potential to offer opportunities to the young people in the fields of industry and business management. One can for see a lot opportunity for bright careers and future option in the fields of business management. Service sector is continuously expanding. Retail sector, despite of enormous competition is opening up new areas with manifold opportunities like banking, insurance, tourism, real estate etc. These sectors are becoming more and more attractive for business orientations. "Make in India" has given a further boost to the favorable environment for the development of industry and business that has opened new vistas for the management education.

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. It orients and enables the students to make the best possible use of the academic knowledge along professional skills in the field of business management.

Our Institution is nourishing the students of BBA for availing employment as well as higher education opportunities by providing quality education. For this purpose the students of BBA are being oriented through seminars, workshops, participations and presentations apart from curriculum prescribed by the affiliated university.

The institution is all set to fulfill the dreams of the aspirants of management education by providing the necessary inputs both academic and professional, so as to shape their future according to the demands and requirements of now-a-days environment in the field of competitive business management.

Prof. Jagvir Singh Chandel
Coordinator, BBA
Govt. College Bilaspur, HP

BACHELOR OF BUSINESS ADMINISTRATION (B.B.A)

(THREE YEAR DEGREE COURSE)

The course of Bachelor of Business Administration (BBA) is being offered in the institution under self-financing scheme and regulated through the Higher Education Institute Society regd. under Cooperative Society Act 2006. The duration of BBA degree course is Three years spread over six semesters and is affiliated to Himachal Pradesh University Shimla. The basic objective to start this course in this institution is to impart quality education in management to the candidates admitted for the course which will help them to build their career in the business paradigm.

The number of seats allotted for admission to BBA 1st Semester for the academic session 2024-2025 is as follows:

S. No.	Course	Subsidized	Non-Subsidized	Total
1.	BBA	30	30	60

Eligibility for Admission

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.

Age Limit for Admission

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 / she should produce permission of the vice chancellor of the affiliating university before the display of final merit list of selected candidates.

Basis of Admission.

The admission to BBA Degree Course will be made on the basis of merit & the merit for selection of candidates for BBA degree course will be based on:-

Academic Record:- The candidate will be awarded the marks on the basis of percentage of marks scored in the matriculation and plus two examination out of total of 10 marks for each examination. Additional weightage of 10% of the aggregate marks obtained in 10+2 examination will be given to the candidate if he/she is having Commerce/Math/Economics as one of the subjects at plus two levels.

1. Counselling: - The merit list will be displayed, after the last date of receiving applications on the notice board of the department of management studies as per date given in the schedule. The students appearing in the merit list will be required to attend counseling failing which their application for admission will not be consider

Detailed Course Outline for 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.
 - v. To inculcate entrepreneurial skills.

Semester-I

Course Structure		Credits	Marks			
Course No.	Semester -1		CCA	ESE	Total	
101	Environmental Science	AECC-1				
102	Fundamental of Management & organizational Behavior	Core Course	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)
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 -II		Credits	CCA	ESE	Total
201	(AECC)-II	Business Communication (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 Course -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 Course	Core	6 (L5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)	
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)	30 (Max.) 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(Min)	
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	DSE Note: Students can opt any one of the specialization in Vth Semester	6 (1-5 +11)	30 (Max.) 13 (Mm)	70 (Max) 32(Min)	100 (Max) 45(Min)

	Consumer Behaviour OR (DSC-III Human Resource) HRD: Systems & Strategies	and the same will continue in the VIth the VIth Semester.				
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)	DSE	6 (L5 +T1)	30 (Max.)	70 (Max)	100 (Max)

	Project Appraisal & Analysis OR (DSE-11 Marketing) Distribution & Supply Chain Management OR (DSE-111 Human Resource) Performance & Compensation Management		13 (Mm)	32(Min)	45(Min)	
604	(DSE-1 Finance) Project Report OR (DSE-II Marketing) Project Report OR (DSE-III Human Resource) Project Report	DSE	6			100 (Max) 45(Min) (External Evaluation)

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.

Fee Structure for BBA (Excluding Funds)

For Subsidized Seats ₹ 4500 per Semester

For Non-Subsidized Seats ₹ 10000 per Semester

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

- ✦ Rs. 350/- (Rs. Three Hundred Only) will be charged toward PTA fund in addition to course fee.
- ✦ All the students will have to deposit Rs. 1000/- (Rs. One Thousand only) refundable library security in BBA first semester.
- ✦ University development fund for Subsidized seats Rs. 250/-; for Non- Subsidized seats Rs/500/-; for IRDP/BPL Students Rs. 100/- & Youth Red Cross membership fee Rs. 40 will be charged extra.
- ✦ Internet fees Rs.120/- per year will be charged.
- ✦ In addition to the above fee and funds a sum of Rs. 1000/- will be charged from the students for conducting industrial visits and educational tours.
- ✦ Fine (in Rupees)
 1. Absent fine per period Rs. 5.00
 2. Full day absent Rs. 20.00
 3. Absent fine-unit test (per paper) Rs. 10.00
 4. Absent fine House Examination (per paper) Rs. 100.00
 5. Late Return of library book Rs. 1.00 per day

Note: Additional fine will be charged for misbehave and indiscipline.

Dress Code for BBA Students

The BBA Advisory Board has passed a dress code for the students of BBA. The dress code will be observed for five days in a week i.e. Monday to Friday. The students can come to college on Saturday in casual dresses. The prescribed dress is as follows:-

S. No.	Items	Color
1.	Shirt	White
2.	Pant	Black
3.	Blazer	Black
4.	Tie	Blue with white dot
5.	Sweater	Grey
6.	Socks	Blue
7.	Shoes	Black

Note: The dress code to the students of BBA is mandatory.

B. Academic Faculty



Dr. Rakesh Kumar
Ph. D, MBA, UGC-NET, M.Com.



Prof. Rajeev Kumar
MBA, UGC -NET, M.Phil, M.Com.)



Prof. Richa
MBA, UGC-NET, MA (Public
Administration)

C. Other Staff:

Mrs. Poonam	Office Assistant
Mrs. Sushma Devi	Peon

Online Submission of Application Form

Last date for submission of application online form.....

DOCUMENTS REQUIRED FOR ONLINE ADMISSION

1. All students willing to take admission in 1st year need to click on the link '*apply now*' for the registration, up to
2. After registration students will receive login Id and password, using which they need to login for the admission and submit the desired details and documents in application.
3. Scanned copies of all Board certificates from metric onwards.
4. Scanned copy of character certificate from the head of institution last attended.
5. A valid own/family member mobile number/email account. All communication will be sent through SMS and email.
6. Recent passport size photograph scanned in 140 x 180 pixel resolution and less than 200 KB in size.
7. Students with a gap of one year or more must have to submit declaration along with affidavit.
8. The candidates from other Boards/University, must submit:
 - a. Eligibility certificate from H.P. Board/University showing equivalence.
 - b. Migration Certificate.
10. SC/ST scanned certificate for those students who are seeking relaxation.
11. The candidates belong to IRDP, EWS, NCC, NSS, Sports & Cultural Quota, must upload scanned copy of certificate.

For further quarry please contact:

- Dr. Rakesh Kumar Chandel 94187-98150
- Prof. Rajeev Kumar, 70180-17793
- Prof. Richa, 94596-79211

IMPORTANT

1. THE CANDIDATES FINALLY SELECTED FOR BBA DEGREE COURSE ARE TO ABIDE BY ALL RULES, GUIDELINES AND DIRECTIONS AS CONTAINED IN THE PROSPECTUS OF THE GOVT. P.G. COLLEGE BILASPUR (HP) - 174001 FOR THE ACADEMIC SESSION 2024-25.
2. THE COURSE FEE ONCE DEPOSITED WILL NOT BE REFUNDED IN ANY CASE.

LIST OF ACADEMIC ACTIVITIES DURING THE SESSION 2024-2025

I, III & V SEMESTER	II, IV & VI SEMESTER
Regular Classes July,2024	Regular Classes Immediately after closing HPU Exams
Counseling Session 15th day of Every month	Counseling Session 15th day of Every month
Assignments (As per Syllabus) Every Month Unit Wise	Assignments Every Month Unit Wise (As per Syllabus)
Unit Test Last working day of Every Month	Unit Test Last working day of Every Month
Class Participation/ Presentations Assignments Every Saturday Compulsory for all students on various topics of their respective syllabus	Class Participation/ Presentations Assignments Every Saturday Compulsory for all students on various topics of their respective syllabus
Seminar/ Workshops Minimum one in each Semester	Seminar/ Workshops Minimum One in each Semester
MTT 2nd Week of Sept. (Tentative)	MTT 1 st Week of March. (Tentative) semester
Industrial Tour Compulsory for every students during the course.	Industrial Tour Compulsory for every students during the course
Term End Exams Nov. 2024 (As per HPU Schedule)	Term End Exams May 2025 (As per HPU Schedule)

Project Report will be submitted in 6th semester by the students to the Course Coordinator for evaluation and Viva-Voce, which will be of 100 Marks. The Teachers of BBA department will guide and direct the students for the completion of their project reports. The schedule for viva voce will be intimated to the students through notice and class circular.

SCHEDULE FOR ADMISSION & COUNSELLING, FINAL SELECTION & DEPOSITING OF FEE FOR BBA DEGREE COURSE STUDENTS FOR THE ACADEMIC SESSION 2024-2025

Registration and submission of online application form	
Last Date of submission of Application on website portal	
Date of Scrutiny of Application Form	
Display of first Merit list of Candidates for subsidized seats. The list will be displayed on the Website portal	
Fees deposit for Subsidized Seats (First Merit list)	
Date of Second Merit list for Non-Subsidized Seats	
Fees deposit for Non - Subsidized Seats (Second Merit list)	
Regular Teaching	

In case a candidate intends to apply for more than one course he may give his preference in the prescribed scale in the application form.

Note: Option once chosen can't be changed at any stage.

List of the Students Placed/Employed In Various Organizations

Sr No	Name	Organization	Designation
1	Mansi Shandilya	Unext Manipal Univ	Assistant Manager
2	Ridul Sharma	Five S Digital	HR Executive
3	Anuj Thakur	Hinduja Leyland Finance LTD	Marketing Executive
4	Rishav Raj	Kennametal India ltd	Sales Representative

GLIMPSE OF DEPARTMENTAL ACTIVITIES:-



1.Cleanliness Drive and Consumer Awareness Rally



2.Industrial Visit



3. Farewell Function.

Prof. Neena Vasudeva
Director-BBA
Govt. College Bilaspur, HP

BTTM (BBA in Tourism & Travel Management)



From the Co-ordinator's Desk

MESSEGE

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 Programs (LDP) 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. Prem Jeet
Coordinator BTTM
Govt. College Bilaspur, HP



Bilaspur Mandi Division 2023.09.27 14:11
Powered by Triple Camera



GPS Map Camera
 Bilaspur, Himachal Pradesh, India
 GPGC, 8QR7+HR2, Kosrian Sector, Bilaspur, Himachal Pradesh 174001, India
 Lat 31.341475°
 Long 76.764549°
 27/09/23 11:45 AM GMT +05:30

Students during Exhibition in World Tourism Week 2023

Painting work by students to promote

Cultural Tourism of HP



Visit to Mountaineering Sub Centre Lahul and Spiti



Leadership Development Camp to Miyar Valley Lahul-Spiti



Annual Athletic Meet-2024 March Past Ceremony



World Tourism Day Celebrations 2023

Successful Alumni's of the Department

Sr. No.	Name	Company/ Location	Designation
1.	Ajay Kumar	CT Group Punjab	Assistant Prof.
2.	Dheeraj Kumar	District Solan	Vocational Trainer (School)
3.	Kamal Thakur	Glacial Adventures Manali	Sales Manger (Travel Agency)
4.	Uday Chandel	Orion Company	Placement Officer
5.	Manoj Kumar	Hotel Honeymoon Inn Manali	Front Office Executive and Entrepreneur in Travel Business
6.	Ankita Chandel	District Sirmour	Vocational Trainer (School)
7.	Pankaj Chandel	Kehloor Adventures India	Entrepreneur in Adventure Business
8.	Prerna Katoch	Ramada Group	Marketing Executive
9.	Shurbhi Sharma	Govt. College Sarkaghat Mandi	Vocational Trainer (College Cadre)
10.	Suyash	District Kangra	Vocational Trainer (School)
11.	Ishan Gautam	District Bilaspur	Vocational Trainer (School)
12.	Abhishek Thakre	District Bilaspur	Vocational Trainer (School)
13.	Naveen Sharma	Travism India	Entrepreneur in Travel and Tourism
14.	Shubham	Summit Safrai India	Travel Executive

BTTM (BBA in TOURISM AND TRAVEL MANAGEMENT) (THREE YEAR DEGREE COURSE)

The course of BTTM (BBA in Tourism and Travel Management) is being offered in Govt. P.G. College Bilaspur under self-financing scheme from 2012. It is regulated through the Higher Education Institute Society (HEIS). The duration of the degree course is three years spread over six semesters. The (BBA in TOURISM AND TRAVEL MANAGEMENT) degree course is affiliated with Himachal Pradesh University Shimla. It aims at providing the students with the basic education, skill and training to take up employment in private as well as public sector. It also prepares them for self-employment.

The number of seats allotted for admission to BTTM **(BBA in TOURISM AND TRAVEL MANAGEMENT)** I Semester for the ensuing academic session is as follows:

S. No.	Course	Subsidized	Non-Subsidized	Total
1.	BTTM	20	20	40

ELIGIBILITY OF CANDIDATE FOR ADMISSION IN BTTM (BBA IN TOURISM AND TRAVEL MANAGEMENT)

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 to 10+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 and other reservation rules of H.P. University.

AGE LIMIT FOR ADMISSION IN BTTM (BBA IN TOURISM AND TRAVEL MANAGEMENT)

The maximum age limit for admission in **(BBA in TOURISM AND TRAVEL MANAGEMENT)** I 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 final list of selected candidates.

BASIS OF ADMISSION FOR BTTM (BBA IN TOURISM AND TRAVEL MANAGEMENT)

The admission to course will be on the basis of Academic Records: -

- (i) Matric-10% of the marks obtained.
- (ii) 10+2-10% of marks obtained.

COURSE OUTLINE FOR BTTM

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:

SEMESTER-I TOTAL CREDITS = 20

Course Code	Title of Course	Total Marks			Credits
		Internal Assessment	Semester end exam	Total	
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
ENVS2AEC C02	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 days) Report			100	3
			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 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.

SCHEME OF EXAMINATION

- A) **University Examinations:** The BTM 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.
- B) **House Examination:** House examination for the students of BTM will be conducted in each semester and the performance report of candidates will be communicated to the parents of the candidates. It can be had from the college website www.gcbilaspur.in

FEE STRUCTURE FOR BTM (Excluding Funds)

- The Course fee is subject to change as per HPU and H.P. Govt. Directions. The fee once deposited cannot be refunded.
- Rs. 350/- (Three Hundred Only) will be charged towards PTA fund in addition to course fee.
- All the students will have to deposit Rs. 1000/- (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. 40 will be charged extra.
- Management has decided that amount of 1000/- will be collected from the students for conducting industrial visits and educational tours.

FINE

1. Absence for one period	Rs. 5.00
2. Absence for full day	Rs. 20.00
3. Absence from unit test (per paper)	Rs. 10.00
4. Absence from House Examination	Rs. 100.00
5. Late return of library book	Rs. 1.00 per day

DRESS CODE FOR BTTM STUDENTS

The BTTM (BBA in TOURISM AND TRAVEL MANAGEMENT) Advisory Board has passed a dress code for the students of BTTM (BBA in TOURISM AND TRAVEL MANAGEMENT). The dress code will be observed on first five days of the week i.e. from Monday to Friday. The students can come to the college in their casual dress on Saturday. The prescribed dress is as follows:-

S. No.	Items	Color
1.	Shirt	White
2.	Pant	Black
3.	Blazer	Black
4.	Tie	Maroon
5.	Sweater	Grey
6.	Socks	Black
7.	Shoes	Black

Note: The dress code is applicable only on Monday to Friday. The students are free to wear casual dress on Saturday.

Faculty Profile

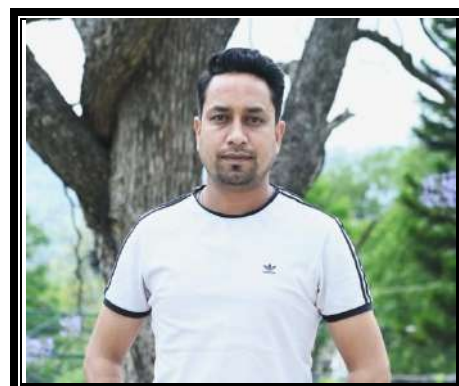
Administrative Body

- | | | |
|----|----------------------|------------------------|
| 1) | Prof. Neena Basudeva | Chairperson(HEIS) |
| 2) | Dr. Surinder Singh | Member Secretary(HEIS) |
| 3) | Prof. Premjeet | Course Coordinator |

Academic Faculty



Mr. Sanjay Kumar
(MTM, UGC-NET, SLET)



Mr. Puneet Singh
(MTA, UGC-NET)

Office Staff

1)

Mrs. Kanika

Office Assistant

Hostel Facilities

Hostel facilities are available to the students enrolled in Self-Financing Courses. The college has a newly constructed hostel for boys with intake capacity of 90 students and 40 students in the existing girl's hostel. The admissions are given as per the norms of the college and fee will also be charged accordingly.

Note: There is a code of conduct for the students residing in the hostel. Use of alcohol, intoxicating drugs, tobacco, and smoking is strictly prohibited and if the students found indulged, such erring students will be panelized and serious action including expulsion from hostel and college can be taken. The students are required to maintain discipline, anti-ragging, cordial and cooperative atmosphere in the hostel as well as the campus.

Extra-Curricular Activities:

The college student can participate in extracurricular activities like youth festival, sports meets and other cultural programs from time to time.

- a. NCC Navy and infantry wings are operational in the college for both boys and girls. Only eligible cadets can appear in "B" and "C" certificate exam.
- b. Apart from this there are three units of NSS in which about 300 volunteer participate every year. NSS camps inculcate spirit of social service among the student tin order to give exposure to the students.
- c. Rovers & Rangers activities of Bharat Scouts and Guide also operational. A student can opt any on activity.

Detailed information can be obtained from the teacher in charge of different wings.

Career Guidance and Counseling

The college provides special facilities to students for getting career information and vocational guidance best suited to their aptitude, Interests and other related factors the cell also provides information regarding the availability of facilities for higher, general and professional education in India and abroad, scholarship, fellowship, apprenticeship, research and travel grants, competitive examination, job opportunities, employment outlook etc. Students are advised in their own interest to contact the Bureau personally before making a final choice of their careers and course of studies. The Bureau welcomes enquires regarding the world of work.

Detailed information can be obtained from the teacher in charge of different wings.

Parents-Teacher Association

PTA was established in the year 1996 with the objective to have participation of parents, teachers and the students for all round development of the institution. PTA provides assistance to the need/deserving students and honors the meritorious students. The annual membership fee is Rs.300/-.

Old Student Association

Old students association was established in 1999 with a view to having interaction between the old & existing Student's, OSA also provides financial help to needy & deserving students of the college. The annual general Meeting is held on last Sunday of December every year.

Annual Prize Distribution Function

The prize distribution function of the college is held annually towards the end of the Academic year in the month of February, Prize, Medals, College color sand certificate of Merit and awarded to the students winning distinctions in studies, cultural activities, NCC, and sports during the academic session.

Discipline

College is a silence zone. The academic atmosphere of the college should not be disturbed by ringing mobile bells/songs or by raising slogans in the campus. Students are expected to conform to certain norms of decent behavior in and out of the college. They are well advised not to pollute the atmosphere of the college in any way. Those who indulge in acts of indiscipline would invite disciplinary action such as reprimand, imposition of the, suspension or expulsion, depending upon the gravity of indiscipline indulged in. Smoking and use of other tobacco products is a punishable offence under law so, its use is strictly banned in the college campus. The offender will be penalized accordingly.

Facilities for the Students:-

- Cultural Activities
- Sports Activities
- NSS
- NCC
- Ranger & Rovers
- Hostel(Boys/Girls)
- Library
- Wi-Fi Campus
- Personality Development Programme
- Scholarship
- Placements
- Industrial Visits.

Online Date for Submission of Application Form start from: -/....../ 2024

Last date for submission of application online form: -/....../2024

SCHEDULE FOR ADMISSION & COUNSELLING, FINAL SELECTION & DEPOSITING OF FEE FOR BTTM DEGREE COURSE STUDENTS FOR THE ACADEMIC SESSION 2024-25

Registration and submission of online application form/....../2024
Last Date of submission of Application on website portal/....../2024
Date of Scrutiny of Application Form/....../2024
Display of first Merit list of Candidates for subsidized seats. The list will be displayed on the Website portal/....../2024
Fees deposit for Subsidized Seats (First Merit list)/....../2024 to/....../2024
Date of Second Merit list for Non-Subsidized Seats/....../2024
Fees deposit for Non - Subsidized Seats (Second Merit list)/....../2024 to/....../2024

In case a candidate intends to apply for more than one course he may give his preference in the prescribed scale in the application form.

Note: Option once chosen can't be changed at any stage.

DOCUMENTS REQUIRED FOR ONLINE ADMISSION

1. All students willing to take admission in 1st semester need to click on the link '**apply now**' for the registration, up to/..../2024
2. After registration students will receive **login Id and password**, using which they need to login for the admission and submit the desired details and documents in application.
3. Scanned copies of all Board certificates from metric onwards. Scanned copy of character certificate from the head of institution last attended. A valid Own/Family member mobile number/Email account.
4. All Communication will be sent through SMS and Email.
5. Recent passport size photograph scanned in 140 x 180 pixel resolution and less than 200 KB in size.
6. Students with a gap of one year or more must have to accept declaration along with affidavit.
7. The candidates from other Boards/University must submit:
 - a) Eligibility certificate from H.P. Board/University showing equivalence.
 - b) Migration Certificate.
 - c) SC/ST scanned certificate for those seeking relaxation or weightage.

The candidates belong to IRDP, NCC, NSS, Sports, Cultural Quota those seeking relaxation or weightage must upload scanned copy of certificate.

For further quarry please contact:

Prof. Premjeet, 94184-76082

Prof. Sanjay Kumar, 94186-10003

Prof. Puneet Singh, 98163-77155

IMPORTANT

1. THE CANDIDATE FINALLY SELECTED FOR BTTM (BBA in TOURISM AND TRAVEL MANAGEMENT) ARE ABIDE BY ALL THE RULES, GUIDELINES AND DIRECTIONS AS CONTAINED IN THE PROSPECTUS OF THE GOVT. P.G. COLLEGE BILASPUR FOR THE ACADEMIC SESSION 2024-25
2. THE COURSE FEE ONCE DEPOSITED WILL NOT BE REFUNDED IN ANY CASE.

CODE OF CONDUCT FOR STUDENTS

"Excellence is not a singular act but a habit. You are what you do repeatedly"

With this belief, a set of guidelines in the form of rules and regulations are framed for the students, which are followed by them religiously and adopted as their way of life. These guidelines act as the refining fires helping the students to emerge as confident, promising and polished individuals.

1. All students must come to the class in time. The late comers may not be allowed to enter in the class.
2. Change of classroom between periods should be done in silence and in an orderly manner.
3. Shouting or whistling is not allowed in or around the college building.
4. Other than text books or library books, no books, magazines or papers should be brought to the college without prior permission of the Principal.
5. It is not permissible to bring the most valuable articles like camera or any electronic gadgets and jewellery etc. The college will not be responsible for any article lost. Lending or borrowing of money or valuable articles is strictly prohibited. In case of any loss, the college will not be responsible.
6. Care must be taken of the college property and no one is allowed to scratch or spoil the desks and chairs or damage any college furniture.
7. Damage done even by accident or mistake should be reported immediately to the class teachers of concern department, Coordinator or to the Principal..
8. Any damage done to the college property will be made good by the concerned student together with a fine money imposed for such an offence.
9. No student should bring any weapon or sharp articles to the college.

10. Students should always remember that the college is judged by their behavior and conduct. Use of abusive language/passing filthy or vulgar comments will invite stern action immediately.

11. All students should greet their teachers whenever they meet them. No student should use any foul language against any teacher, visitor or guest of the college.

12. The college reserves the right to terminate any student, who will be found in any unsatisfactory behavior

13. Bringing fireworks/bursting or extending any kind of support for exploding crackers or splashing water or color in the college premises or outside in the vicinity of the college is strictly prohibited, even during festival time. Non-compliance of these instructions can result in expulsion from the college.

14. During class no one is allowed to leave the class without prior permission.

15. Students must come to college in neat and clean uniform only as per schedule with respect to concern department.

16. It is compulsory for students to wear lab coat/apron during practical periods in the Biotechnology Department.

17. Any kind of unnecessary gathering/celebration in the classroom or anywhere in or around college campus is not allowed.

ATTENDANCE, LEAVE RULES AND WITHDRAWAL

1. Every student must have at least 75% attendance to appear in the Half Yearly or the Annual Examination. Those who fail to fulfill these criteria will be debarred. Request from the defaulter in this regard will not be entertained..

2. Re-examination (MTT) will be allowed only on the basis of a valid reason and with the prior permission of competent authority. Documentary evidence should be submitted by the candidate in support of his/her reason for the absence from the MTT..

3. Reported absence without granting of leave or unexplained absence for ten consecutive days may result in the student's name being struck off the rolls. Re-admission will be made as per University ordinance and purely at the discretion of the Principal. In such cases he/she must have seek re-admission within 15 days from the date of name stuck off A fee of 100/- will be charged for re-admission. Second time re-admission is not permissible.

4. Permission to Migration will not be given until and unless all the dues of the college are settled.

PUNISHMENTS

Serious offences, which reflect adversely on a student's conduct, e.g. breaking bounds, disobedience, bunking class,, creating indiscipline inside the class/ class, coming out of class without identity card, using unfair means in examination/ not wearing proper uniform, late coming to class, damaging college property, , camera or valuable thing etc. in the college invite imposition of fine/ issuance of warning/ suspension. Three warnings/ suspension may lead to the expulsion of the offending student from the college on disciplinary grounds. Student caught using unfair means in any Test/Examination, once fined or suspended on disciplinary ground will not be eligible for next test/examination. It may affect his/her CCA ,Which is mandatory eligible condition to appear in semester end /yearly examination. Use of abusive language or passing filthy/vulgar comment will invite immediate stern action.

Bachelor of Science (Hon's.) Biotechnology



MESSEGE

From the Co-ordinator's Desk

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 its students 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.

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



Fresher's party



Science Day celebration



Seminar on Agricultural Biotechnology

Scope

Biotechnology is an interdisciplinary field that combines the principles of biology and technology, enabling innovative solutions to complex problems. It has become the facilitator of a wide array of treatments, drugs, medicines, and vaccines to combat some of the rarest diseases.

A BSc Biotechnology degree provides students with the knowledge and skills required for entry-level positions in biotechnology. It also provides the necessary foundation for advanced studies in the area. The scope of BSc Biotechnology is vast as it imparts theoretical and practical knowledge of various subjects such as molecular biology, biochemistry, genetics, immunology, medical microbiology etc.





After completing Bachelor degree in Biotechnology, students can find employment opportunities in countless industries including pharmaceuticals, medical research, diagnostics, and other biotechnology-related industries, and various other sectors like Animal husbandry, Environmental Conservation, Genetic Engineering, Agriculture, Health Care etc.

There is also the option of higher studies like M.sc Biotechnology. After completing the postgraduation degree in Biotechnology students can find decent employment opportunities in the research and development field.

With a degree in Biotechnology, you can become a scientist, researcher, forensic science technician or entrepreneur working in fields such as medicine, agriculture, and food production.

ACHIEVERS

Sr. No	Name	Designation	Organization	Photo
1	Nancy Dheer	Radiological safety officer and nuclear medicine physicist	Max Super speciality hospital Mohali	
2.	Renuka	Q.A. Manager	Alna biotech pvt.Barwala panchkula	
3.	Kamini Sharma	Kamini Sharma	ADI Backoffice pvt ltd	
4.	Aman	Assistant Quality Manager	Varun Beverages Limited	

5.	Akhil Sharma	Founder	Baba Nahar Biotech & Research	
6.	Aditya Dogra	FSQA technician	Godrej Tyson Food Limited	
7	Prashant Thakur	Quality Executive	Varun Beverages Ltd Pathankot	
8	Mohd.shanul	Assistant Manager in Quality Control Dept	Dr. Sabharwal's wound care pvt. Ltd Barotiwala.	

B.Sc. (HONOUR'S) BIOTECHNOLOGY

- I. The B.Sc. (Honour's) Biotechnology will be of three year duration Choice Based Grade System (CBSE) course.
- II. There will be broadly three types of course for B.Sc. (Honour's) Biotechnology degree program.
 1. **The Core Courses:** 14 courses for Honour's will be of 6- credits each including 2 assigned to the practical component. Thus a candidate will have to pass 14 courses for earning $14 \times 6 = 84$ credits during 1st, 2nd and 3rd year. Each of the 6-credits courses will carry 100 marks. These 100 marks will be split into marks assigned for Theory [TH]: 50 marks; Practical [PR]: 20 marks and Internal Assessment [IA] : 30. The Internal Assessment [30 marks] will include one Multi Choice Questions (MCQ)- based examination of 10 marks, Classroom Attendance Incentive marks (5 marks), Presentation /Assignment of 5 marks and Lab Seminar/Lab Assignment of 10 marks. The Lab-based practical will be of 2-hours [One credit]. A total of $14 \times 6 = 84$ credits could be accumulated under these courses during the Honor's degree program.
 2. **The Elective courses** will be chosen from a pool of courses that may be very specific or specialized or advanced or supportive to the discipline/ subject of study or provides an extended scope or enable and exposure to some other discipline subject/domain or nurtures the candidate's proficiency/skill. The Elective Courses will include;

Generic Elective (GE) Courses: A total of 4 courses offered under the discipline/subject of study is referred to as Genetic Elective and will be studied by the candidates in 1st, 2nd year. These courses will be of 6 credits each including 2 credits assigned for the practical component of each of these courses. These courses are interdisciplinary in nature. A total of $4 \times 6 = 24$ credits could be accumulated under GE courses during the Honor's degree program.

Discipline Specific Elective (DSE) Courses: A total of 4 courses offered under the main discipline/subject of study are offered as Discipline Specific Elective and will be studied by the candidates in 3rd year. These courses will be of 6-credits each including 2 credits assigned for the practical component of each of these courses. These courses are discipline related and or interdisciplinary in nature. A total of $4 \times 6 = 24$ credits will be accumulated under DSE courses during the Honour's degree program.

3. **Ability Enhancement Compulsory Courses (AECC):** Ability Enhancement courses are of two types Ability Enhancement Compulsory Courses [AECC] and Skill Enhancement Courses [SEC]. The AECC courses are mandatory courses based on the content that leads to knowledge enhancement; 1. Environment Science and 2. English/Hindi/MII. Communication. All these are

mandatory courses for obtaining a B.Sc. (Honor's) degree in the concerned subject. These courses are mandatory for all disciplines. A total of $2 \times 4 = 08$ credits in 1st year could be accumulated under these courses during the Honor's degree program.

4. **Skill Enhancement Courses (SEC):** Skill Enhancement Courses are valuable-based and or skill-based and are aimed at providing hands-on-training, competencies, skills etc. A minimum of two such courses (2SEC in 2nd Year) for obtaining an Honor's degree are selected amongst the courses designed to provide value-based and/or skill-based knowledge and may contain both theory and lab/hands-on training. The main purpose of these courses is to provide students life-skill in hands-on mode to increase their employability. A total of $2 \times 4 = 8$ credits could be accumulated under SEC courses during the Honor's degree program. Each of the 4-credits courses will carry 100 marks. These 100 marks will be split into marks assigned for Theory [TH]:70 marks, and Internal Assessment [IA]: 30.

III. Practical [PR] component has been included in every core and discipline/ generic specific elective paper. The list of practicals to be conducted by the candidates has been provided alongside each of such courses. The marks (20marks) for the practical examination will be split as follows:

Write up of Practical:	4 marks
Performance of practicals:	7 marks
Practical record/notebook:	3 marks
Viva voice:	6 marks

Iv. Classroom Attendance Incentive: Those candidates who have greater than 75% attendance (for those participating in Co-curriculum activities, 25% will be added to percent attendance) will be awarded CAI marks as follows:

>75% but <80%	1 marks
>80% but <85%	2 marks
>85% but < 90%	3 marks
>90% but < 95%	4 marks
>95% to 100%	5 marks

Admission Process

- I. The candidate has to secure minimum pass marks individually in Theory paper, Practical as well as Internal Assessment to earn full credits in the concerned course. A candidate thus failing in any of these components shall be considered failed in that course.

II. The admission to B.Sc. Honour's Biotechnology programme of Himachal Pradesh University will be as per guidelines of Himachal Pradesh University, Shimla from time to time.

i) 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).

ii) 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).

III. 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 certificate 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 Certificate Only will be considered as authentic.

SCHEME FOR CHOICE BASED CREDIT SYSTEM FOR B.Sc.HONOUR'S BIOTECHNOLOGY

Years	Core Course (14)		Credits	Ability Enhancement Compulsory Course	Credits	Skill Enhancement Course (SEC),(5)	Credits	Discipline Specific Elective(DSE),(8)	Credits
I	BIOTECH1C01T H	Biochemistry& Metabolism	4	ENGL 103/Hindi/MIL Communication	4	Nil		GE-1 MICROGE01TH:Cell Biology MICROGE01TH:Cell Biology	4 2
	BIOTECH1C01PR	Biochemistry& Metabolism	2						
	BIOTECH1C02T H	General Microbiology	4						
	BIOTECH1C02PR	General Microbiology	2						
I	BIOTECH1C03T H	Genetics	4	ENVSAECCo 2 Environment Science	4			GE-2 CHEM GE103TH:Chemistry-1 GE103TH:Chemistry-1	4 2
	BIOTECH1C03PR	Genetics	2						
	BIOTECH1C04T H	Molecular Biology	4						
	BIOTECH1C04PR	Molecular Biology	2						
II	BIOTECH2C05T H	Immunology	4			Any 3 SEC Subjects in year II	12	GE-3 MICRO2GE03TH: Bio Analytical Tool MICRO2GE03TH: Bio Analytical Tool	4 2
	BIOTECH2C05PR	Immunology	2						
	BIOTECH2C06T H	Bioprocess Technology	4						
	BIOTECH2C06PR	Bioprocess Technology	2						
	BIOTECH2C07T H	RecombinantDNA Technology	4						
	BIOTECH2C07PR	RecombinantDNA Technology	2						
	BIOTECH2C08T H	Environmental Biotechnology	4						
BIOTECH2C08PR	Environmental Biotechnology	2							
II	BIOTECH2C09T H	Bacteriology and virology	4					GE-4 CHEMGE205 TH : Chemistry-2 CHEMGE 205 TH :Chemistry-2	4 2
	BIOTECH2C09PR	Bacteriology and virology	2						
	BIOTECH2C10T H	Microbial Physiology	4						
	BIOTECH2C10PR	Microbial Physiology	2						
III	BIOTECH3C011T H	Animal Biotechnology	4					Any 4DSE Subject in III year from the list (Theory=4 & Practical=2)	24
	BIOTECH3C011PR	Animal Biotechnology	2						
	BIOTECH3C012T H	Plant Biotechnology	4						
	BIOTECH3C012PR	Plant Biotechnology	2						
III	BIOTECH3C013T H	Medical Microbiology	4						
	BIOTECH3C013PR	Medical Microbiology	2						
III	BIOTECH3C014T H	Food Biotechnology	4						
	BIOTECH3C014PR	Food Biotechnology	2						
Core Course Total			84	AECC Total	8	SE Total	08	GE/DSE Total	48
Credits =				Credits =		Credits		Credits =	

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

STRUCTURE OF B.SC. HONOUR'S BIOTECHNOLOGY

(CBCS-ANNUAL)

Core course(C)

Course Name 1 st Year	Course Code 1 st Year	2 nd Year Course Name	Course Code 2 nd Year	Course Name 3 rd Year	Course Code 3 rd 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)

2 nd 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)

1 st Year	2 nd 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)

3 rd 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

Fee Structure for BSc. Biotechnology (Excluding funds)

1st, 2nd & 3rd Year ₹ 40, 000 (Annual)

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

- Rs.500 shall be taken as university development fund. (Rs. 100/- for IRDP & BPL)
- Rs. 350/- (Rs. Three Hundred Only) will be charged toward PTA fund in addition to course fee.
- The students of 1st Semester will have to deposit Rs. 1000/- (Rs. One Thousand only) refundable library security.
- Youth Red Cross Membership fee Rs. 40/- will be charged separately.
- Management has decided that amount of 1000/- will be collected from the students for conducting industrial visits and educational tours.

Fine

1.	Absence □ne per period	Rs. 5.00
2.	Absence □ne-MTT (per paper)	Rs. 100.00
3.	Mobile use in class room □ne	Rs. 50.00
4.	Late Return of library book	Rs. 1.00 per day
5.	Without lab coat	Rs. 20.00
6.	Without dress	Rs. 10.00

Dress Code

The B. Sc. (Hons) Bio-Technology Advisory Board has passed a dress code for the students of B. Sc. (Hon's) Bio-Technology. The dress code will be observed for four days in a week i.e. Monday, Tuesday, Thursday & Friday. The students can come to college on Wednesday and Saturday in colorful dresses. This dress code will also apply to the students of B. Sc. with Honor's in Bio-Technology. The prescribed dress is as follows:

S. No.	Items	Colour
1.	Shirt	White
2.	Pant	Black
3.	Blazer	Black
4.	Tie	Black
5.	Sweater	Grey
6.	Socks	Black
7.	Shoes	Black
8.	Lab Coat	White

Note: The dress code to the students of B. Sc. (Hons) Bio-Technology is mandatory along with the white lab coat while entering in Lab.

Faculty Profile

Administrative Body

- 1) Prof. Neena Vasudeva
- 2) Dr. Surender Singh
- 3) Dr. Sanjeev Kumar

Director (HEIS)

Member Secretary (HEIS)

Course Coordinator

Academic Faculty



Mrs. Rohini Kanta

M.Sc. M.Phil Biotechnology



Dr. Sonika Kumari

M.Sc. (Chemistry) M.ED, PHD



Dr. Manoj Kumar

MSc Bio-Technology, Ph. D

Office Staff

- 1) Mrs. Jamna Devi
- 2) Ms. Kamlesh
- 3). Sanket Grewal

Office Assistant

Librarian

Lab Attendant

Online Submission of Application Form:

Last date for submission of application online form

SCHEDULE FOR ADMISSION & COUNSELLING FINAL SELECTION & DEPOSITING OF FEE FOR BSc.(HONOUR'S) BIOTECHNOLOGY COURSE STUDENTS FOR THE ACADEMIC SESSION 2024-25

Registration and submission of application form from	
Last date of Submission of Application on website portal	
Date of Scrutiny of Application	
Display of first merit list of candidates. The list will be displayed on the website portal	
Fee deposit for selected candidate	
Regular Teaching of classes	July,2024

In case a candidate intends to apply for more than one course he may give his preference in the prescribed scale in the application form.

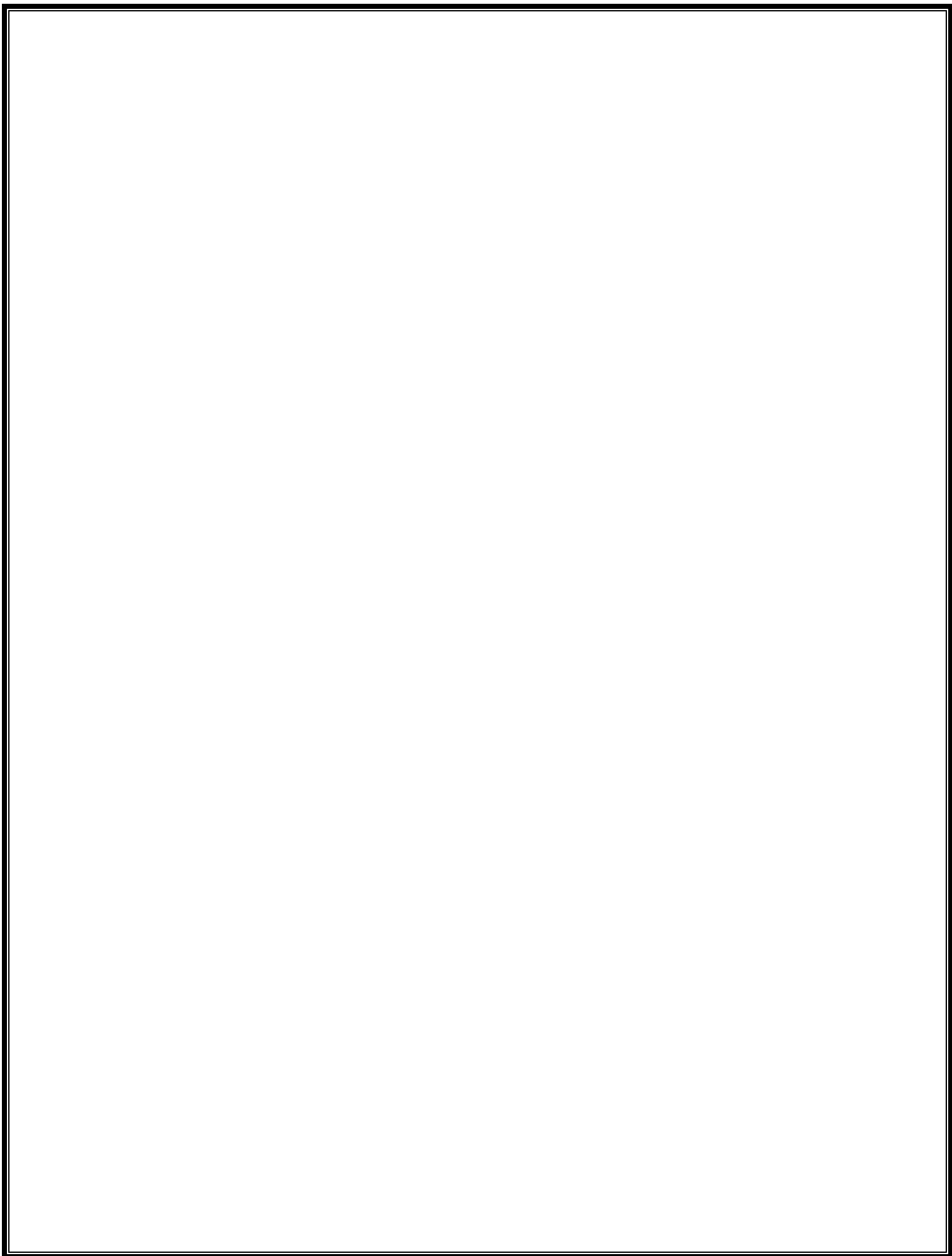
Note: Option once chosen can't be changed at any stage.

DOCUMENTS REQUIRED FOR ONLINE ADMISSION

1. All students willing to take admission in 1st year need to click on the link '*apply now*' for the registration, up to 2024
2. After registration students will receive login Id and password, using which they need to login for the admission and submit the desired details and documents in application.
3. Scanned copies of all Board certificates from matric onwards.
4. Scanned copy of character certificate from the head of institution last attended.
5. A valid Own/Family member mobile number/Email account. All Communication will be sent through SMS and Email.
6. Recent passport size photograph scanned in 140 x 180 pixel resolution and less than 200 KB in size.
7. Students with a gap of one year or more must have to accept declaration along with affidavit.
8. The candidates from other Boards/University must submit:
 - a) Eligibility certificate from H.P. Board/University showing equivalence.
 - b) Migration Certificate.
9. SC/ST scanned certificate for those seeking relaxation or weigh age. The candidates belong to IRDP, NCC, NSS, Sports, Cultural Quota those seeking Relaxation or weight age must upload scanned copy of certificate.

IMPORTANT

1. THE CANDIDATE FINALLY SELECTED FOR B.SC (HONS.) BIOTECHNOLOGY ARE ABIDE BY ALL THE RULES, GUIDELINES AND DIRECTIONS AS CONTAINED IN THE PROSPECTUS OF THE GOVT. P.G. COLLEGE BILASPUR FOR THE ACADEMIC SESSION 2024 – 2025.
2. THE COURSE FEE ONCE DEPOSITED WILL NOT BE REFUNDED IN ANY CASE.



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	(CUL-5%)	(SP-5%)		(SP-7.5%)
6	6	18	(SC-15%)	9

