

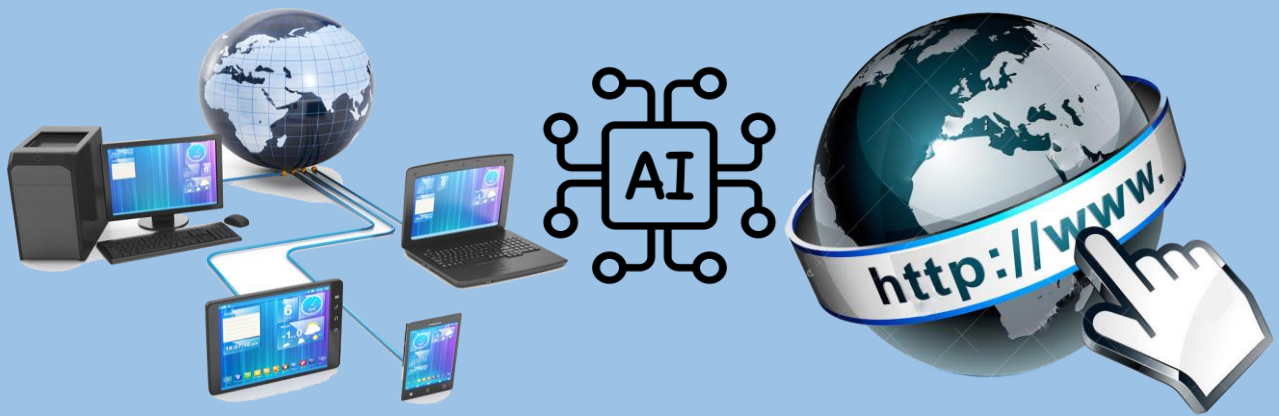


**NAAC ACCREDITED**  
**Utkrisht Mahavidyalaya**



**DR. YASHWANT SINGH PARMAR**  
**GOVT. POST GRADUATE COLLEGE NAHAN,**  
**DIST. SIRMOUR 173001 (HP)**

**Prospectus BCA & PGDCA 2026-27**  
**NEP-2020**



**Website: [www.gcnahan.in](http://www.gcnahan.in)**

**Admission Link: <https://gcnahan.highaltdeducation.in/>**

**Office contact. No.-01702-251107**

**PROSPECTUS 2026-27**

## **ABOUTTHECOLLEGE**

Established in May 1963, this college has completed 63 years. The goals and objectives of the institution were first visualized by the eminent scholars and statesmen at the time of the inauguration of the college. Based on this vision, the aims of the institution can best be summarized as follow:

The holistic development of the personality of the students so that they are conscious of their responsibility towards their country, its society and environment and the strength to fulfill their responsibility.

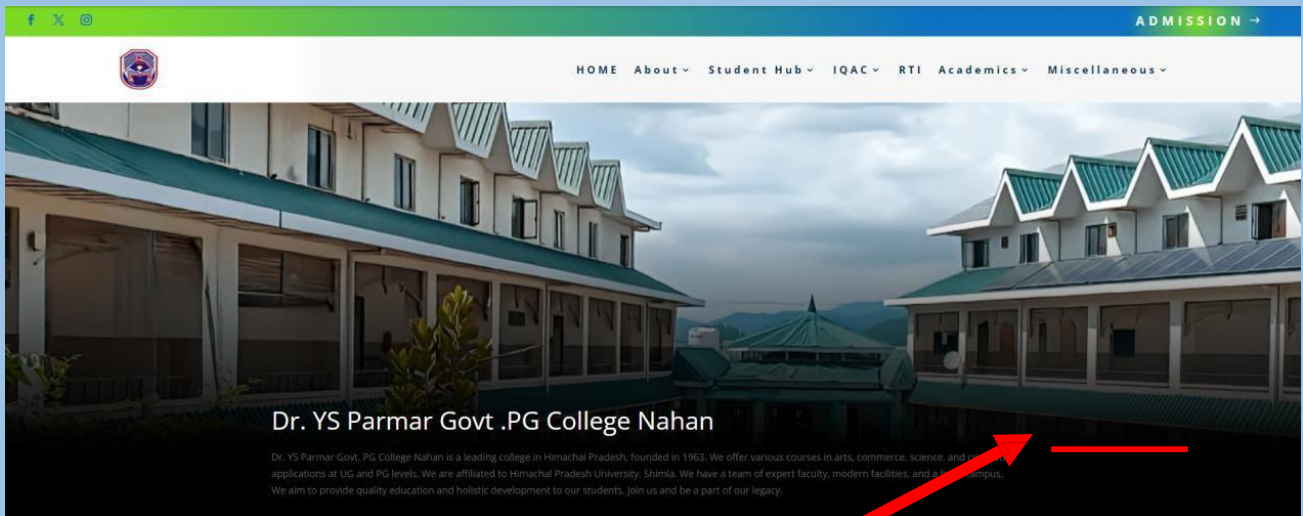
Building in them confidence based on academic knowledge and intellectual and practical skills to encourage them to the realization of their fullest potential.

Inculcation in them love of tradition and respect for the traditional values of *DevBhoomi*

Himachal  
Pradesh.

The emblem of the college depicts the sun rising over the hills, symbolically dispelling the darkness of ignorance. The hands holding the torch and the scales represent quest for knowledge and the desire for social justice and whereas the subscription **Asato Ma sadgamay** is an earnest prayer for guidance on the arduous path to attaining the truth. The college has been given new shape by erecting new IT Lab, academic block and well maintained smart class room. The college is affiliated to the HP University, Shimla and has been granted recognition by the University Grants Commission. A team of dedicated faculty members imparts knowledge to students of degree and diploma courses. The College has well equipped computer laboratories, smart class rooms, well stocked library, sports, scouting, and NSS facilities. This college has a glorious record of excellence and notification achievements in academics, sports, culture and other fields over last fifteen years. Over the years, the college has acquired repute for the quality of education imparted to the students, the discipline and dedication of the students and the faculty, the exposure and opportunities available for overall development of both faculty and students and the sense of social responsibility within its walls. Extra curricular activities like sport, music, scouting, NSS etc engage students when they are not in class.

**Admission will only take place through online mode.**



Gotocollegeofficialwebsite <https://gcnahan.in/>

And click on **online admission**

Or

<https://gcnahan.highaliteducation.in/>

## DOCUMENTS REQUIRED TO UPLOAD FOR ADMISSION IN BCA -1<sup>st</sup>Sem.

- ✓ Matriculation Certificate
- ✓ +2Certificate(1 photocopy)
- ✓ Photograph of student
- ✓ Original School Leaving & Character Certificates issued by the school
- ✓ Or obtained from a Gazetted Officer/ Panchayat Pradhan/ Municipal Councilor if gap year.
- ✓ In case of opting for category benefit, SC/ST/OBC/IRDP/BPL/Minority Community/Physically Disabled authorized certificate required.
- ✓ Statement of disclosure for gap year(s)
- ✓ Himachal Confide if available
- ✓ Copy of Aadhaar Card
- ✓ Original Migration Certificate from Board HP and others.

# Admission Schedule

| Particulars   | Period                   | Days    |
|---|--------------------------|---------|
| <b>For Admission in BCA 1<sup>st</sup>Sem ( Under NEP-2020)</b>                                 |                          |         |
| Submission of Admission Forms   | 01-06-2026 to 19-06-2026 | 19 Days |
| Pre-Admission Counseling of Students  | 12-06-2026 to 19-06-2026 | 8Days   |
| Display of 1 <sup>st</sup> Merit List<br>(BCA-1 <sup>st</sup> sem.Students)                     | 20-06-2026 up to 5:00pm  |         |
| Fee to be Deposited   | 21-06-2026 to23-06-2026  | 3 Days  |
| Display of 2 <sup>nd</sup> Merit List   | 24-06-2026 up to03:00pm  |         |
| Fee to be Deposited   | 25-06-2026 to27-06-2026  | 3 Days  |
| Orientation of 1 <sup>st</sup> Sem Students   | 28-06-2026               | 1Day    |
| <b>For Admission in BCA-3<sup>rd</sup> and BCA-5<sup>th</sup> Sem.</b>                          |                          |         |
| Admission ofBCA-3 <sup>rd</sup> sem and<br>BCA-5 <sup>th</sup> Sem.Students on Roll on<br>Basis | 01-06-2026 to19-06-2026  | 19 Days |
| Fee to be Deposited   | 12-06-2026 to 23-06-2026 | 12Days  |
| Post admission Counselling  | 24-06-2026 to 30-06-2026 | 07Days  |
| Regular Teaching  | From 01-07-2026          |         |

# ANTI-RAGGING AWARENESS

**ZERO TOLERANCE POLICY**



## RAGGING IS A CRIMINAL OFFENCE



Ragging in any form is strictly prohibited inside and outside the College Campus.



Any student found involved in ragging shall face strict disciplinary and legal action under the provisions of law.

### WHAT IS RAGGING?

Any act that causes physical, mental, emotional or psychological harm, humiliation, intimidation, harassment, teasing, bullying or embarrassment to another student is considered Ragging.



#### REPORT ANY INCIDENT OF RAGGING IMMEDIATELY

to the College Authorities or to the Member of Anti-Ragging Committee.

### ANTI-RAGGING COMMITTEE

- |   |                               |              |
|---|-------------------------------|--------------|
| 1 | Dr. Dev Raj Sharma (Convener) | ☎ 9418455805 |
| 2 | Dr. Vivek Negi                | ☎ 9418078931 |
| 3 | Ms. Bharti                    | ☎ 8278710883 |
| 4 | Ms. Richa Kanwar              | ☎ 7018678775 |
| 5 | Dr. Pankaj                    | ☎ 9459884524 |
| 6 | Sh. Sudesh Kumar              | ☎ 9418556110 |
| 7 | Sh. Kamal Dogra               | ☎ 9418699007 |
| 8 | Dr. Ravi Kant Sharma          | ☎ 8219278733 |
| 9 | Dr. Jagpal Singh Tomar        | ☎ 9418669999 |

### ⚠ PUNISHMENT FOR RAGGING ⚠

A student found guilty of ragging may face:



Imprisonment, fine or both.



Expulsion from the institution, suspension from the institution or classes for a limited period or fine with a public apology.



Withholding scholarship or other benefits.



Debarring from representation in events.



Withholding of results.



Suspension of expulsion from hostel or mess and the like.

#### MAXIMUM PENALTY



IMPRISONMENT UP TO  
**3 YEARS**



FINE UP TO  
**₹50,000**



OR BOTH

### ANTI-RAGGING AFFIDAVIT REGISTRATION



You Can Fill Affidavit Registration Form (Anti-Ragging)

Click the Link >

[https://www.antiragging.in/affidavit\\_registration\\_disclaimer.html](https://www.antiragging.in/affidavit_registration_disclaimer.html)



NATIONAL ANTI-RAGGING HELPLINE

**1800-180-5522**

(24x7 TOLL FREE NUMBER)

SAY  
**NO** TO  
**RAGGING**

YES TO RESPECT

RAGGING HURTS ★ RESPECT OTHERS ★ BUILD FRIENDSHIP ★ CREATE A SAFE CAMPUS

## From the Desk of Principal



“It gives me immense pleasure to welcome you to Dr. Yashwant Singh Parmar Government Post Graduate College, Nahan, an institution committed to imparting quality education and providing equal opportunities to students from even the remotest corners of the district since its inception. Established in 1963, the college has continuously nurtured the aspirations and talents of countless students who have excelled in diverse fields at the state, national, and international levels.

The session **2026-27** marks another significant milestone as the college adopts the **Curriculum and Credit Framework for Undergraduate Programmes under NEP 2020** as implemented by the Government of Himachal Pradesh and Himachal Pradesh University, Shimla. This transformative framework aims to provide multidisciplinary and holistic education with greater flexibility, skill enhancement, academic mobility, and learner-centric opportunities for students.

At our institution, we firmly believe that education is not merely the acquisition of knowledge but the holistic development of an individual. To achieve this, we strive to provide a vibrant, inclusive, and student-friendly environment that fosters intellectual growth, creativity, discipline, and social responsibility. Our dedicated and highly qualified faculty continuously guide and inspire students to realize their true potential, while the non-teaching staff remains equally committed to supporting students in every possible way.

Keeping pace with the changing demands of modern education, the college offers well-equipped smart classrooms, modern laboratories, a well-stocked library, gymnasium facilities, and various academic and co-curricular platforms for the overall personality development of students. Students are encouraged to actively participate in academic, cultural, and sports activities along with programmes such as NSS, NCC, R&R and various clubs and societies. These activities help students develop leadership qualities, teamwork, and a spirit of service towards society.

I hope that every student stepping into this institution embarks upon a journey of learning, self-discovery, and achievement. Let us work together to create responsible citizens, skilled professionals, and compassionate human beings who will contribute meaningfully towards building a progressive and transformed society.

With blessings and best wishes

With blessings and best wishes

Dr. Vibhav Kumar Shukla

## From the Desk of Coordinator



**“EDUCATION is the passport to the future, for tomorrow belongs to those who prepare for it today.”-MALCOLMX**

Welcome to Bachelor of Computer Applications, BCA and Post Graduate Diploma in Computer Applications (PGDCA) at Dr. Y. S. Parmar Govt. P. G. College Nahan. Evidently, high levels of knowledge and skills in computer technology are what young professionals need in order to cope with rapid & huge changes globally in digital technology in this excessively competitive age. We have a team of passionate, enthusiastic, dedicated and vibrant faculty, and co-operative administrative staff for the all –round development of the students. There is no doubt that BCA students, who are empowered as they study to be launched into great careers, get fully prepared to enter core fields of computers & their applications alongside any related field of research.

We, at Dr. Y. S. Parmar Govt. P. G. College Nahan, prepare our young scholars about all recent trends of Computers and their applications through this regular course with its extra professional inputs, seminar preparation, and commissioning of both minor & major projects for the accomplishment of quality education.

Moreover, the facilities and academic environment at Dr. Y. S. Parmar Govt. P. G. College Nahan are the right mixes for top scholastic accomplishments. We have a well-equipped laboratory with the latest configuration of computers and a state-of-the-art hardware lab is also under consideration, focusing on digital logic and software applications. Also, our library has a sufficient number of books to encourage, and nurture, deeper learning in computers and their applications. We promise you that you will not only acquire knowledge but also make relationships and memories that you will cherish for a lifetime.

For all these reasons, BCA, that too at Dr. Y. S. Parmar Govt. P. G. College Nahan, is an excellent choice for budding professionals like you. Welcome again!

Best Wishes!

Dr. Ravi Kant  
**Coordinator**

## **STAFF LIST (Session 2026-27)**

**Chairperson - cum- Principal**      Dr. Vibhav Kumar Shukla

**Coordinator**                              Dr. Ravi Kant Sharma

### **Teaching Staff-**

- Mr. Pradeep Kumar
- Mr. Sachin Pandit
- Mrs. Jyoti Sharma

### **Lab Staff-**

- Miss. Rajeena

### **Dealing Assistant**

- Mr. Deepak Chauhan

*(Other teaching staff will be engaged on period basis as guest faculty as per the needs of the courses)*

### ***Admission Committee:-***

***Dr. Ravi Kant (Coordinator)***

***1.Mr .Pradeep Kumar***

***2.Mr. Sachin Pandit***

***3.Mrs Jyoti Sharma***

## **BACHELOR OF COMPUTER APPLICATION (BCA)**

Bachelor of Computer Applications (BCA) is three years under graduate course spread over six semesters under self financing scheme. The total number of seats in BCA Course is 40, distributed as follows:

### **Category**

|              |                |           |
|--------------|----------------|-----------|
| <b>Seats</b> | Subsidized     | 30        |
|              | Non-Subsidized | 10        |
|              | <b>Total</b>   | <b>40</b> |

### **ELIGIBILITY CONDITION FOR BCA**

- 10+2 examination or any other examination equivalent thereto, of a Board/University established by law in India with 40% marks (35% for Scheduled Caste/Schedule Tribe Candidates).
- Any Examination of a Board/ University/ College/ School in a foreign country recognized as equivalent for the purpose of eligibility by the Vice-Chancellor/Equivalent Committee or on the recommendation of Association of Indian University, AIU House, 16 Kotla Marg New Delhi-110 002, with at least 40% marks(35% in case of SC/ST candidates).

### **AGE LIMIT FOR BCA**

Maximum age limit for admission to BCA course is 21 years for general category, 24 years for SC/ST category and 23 years for girl candidates, as on the 1<sup>st</sup> July of the year concerned. The Vice- Chancellor may permit age relaxation up to maximum of three months.

### **Mode of Selection**

The admission to BCA course will be made on the basis of merit of the qualifying examination. As per H.P. University rules 75% seats will be filled out of the candidates who have passed their 10+2 examination from the school situated in Himachal Pradesh irrespective of the Board. Remaining 25% seats will be filled on all India basis. Other reservation rules of H.P. University shall be applicable.

*Note:- Admission will be made as per the rules and guide lines of H.P.U. Shimla.*

### **SEATS FOR BCA**

First 30 seats are subsidized and next 10 seats are non- subsidized in each category

**Note:-** Candidates are directed at to tick mark (✓) the appropriate category he or she intend to apply (Subsidized or Non-Subsidized or both.)

### **SCHEME FOR BACHELOR OF COMPUTER APPLICATIONS (BCA)**

The scheme of admission/ examination will be amended as per the directions received from the Govt./ H.P. University in due course which will be intimated to the candidates through notice board/ counseling.

# Scheme and Syllabus

(NEP-2020)

Effective from

Academic Session 2026-2027

## PROGRAMME OUTCOMES OF BCA

- PO 1** Computational Knowledge: Acquire and apply knowledge of computing fundamentals.
- PO 2** Problem Analysis: Identify, interpret and analyze computing problems using fundamental principles of mathematics, computing sciences and relevant domain disciplines.
- PO 3** Design /Development of solutions: Design, develop (coding, testing and implementation) and evaluate software solutions for computing problems, to meet specific requirements with appropriate considerations for public health and safety, in addition to societal and cultural considerations.
- PO 4** Modern Tool Usage: Create, select and apply appropriate techniques, skills, resources and modern computing tools to computational activities, with an understanding of limitations.
- PO 5** Environment and Sustainability: Understand and assess the impact of computing solutions in societal and environmental context, and demonstrate the knowledge and need of sustainable development.
- PO 6** Ethics: Apply ethical principles and commit to professional ethics and responsibilities and develop operational software for enterprises satisfying economic, social and ethical constraints.
- PO 7** Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.
- PO 8** Communication Efficacy: Communicate effectively in diverse groups about computing activities, by being able to comprehend, document and present technical information in oral and written form.
- PO 9** Project Management: Demonstrate knowledge and understanding of computing and management principles and apply these to one's own work, as a member and leader in a team to manage projects and in multidisciplinary environments
- PO 10** Lifelong Learning: Recognize the need and have the ability to engage in independent learning, in the broadest context of technology transformation, for continual development as a computer professional.
- PO 11** Innovation and Entrepreneurship: Identify timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

Student on exit will be awarded undergraduate certificate after securing 44 credits in semester I and II in the relevant discipline.

### Semester I

| Sr. No       | Course Code | Course Type | Course Title  | Contact Hrs/week |   |   |   | C  | Semester End Marks |     |
|--------------|-------------|-------------|---|------------------|---|---|---|----|--------------------|-----|
|              |             |             |   | L                | T | P | H |    | EE                 | IA  |
|              |             |             |   |                  |   |   |   |    |                    |     |
| 1.           | COMP-101    | DSC-A1      | Fundamentals of Computers and Office Productivity Tools       | 4                | 0 | 0 | 4 | 4  | 70                 | 30  |
| 2.           | COMP-102    | DSC-B1      | Programming using C   | 4                | 0 | 0 | 4 | 4  | 70                 | 30  |
| 3.           | COMP-103    | MDC-1       | Accounting  | 3                | 0 | 0 | 3 | 3  | 50                 | 25  |
| 4.           | COMP-151    | SEC-1       | Fundamentals of Computers and Office Productivity Tools - Lab | 0                | 0 | 6 | 6 | 3  | 50                 | 25  |
| 5.           | COMP-152    | MC-1        | Programming using C- Lab                                      | 0                | 0 | 8 | 8 | 4  | 70                 | 30  |
| 6.           |             | AEC-1       | To be chosen from corresponding Pool                          | -                | - | - | - | 2  | 35                 | 15  |
| <b>TOTAL</b> |             |             |   |                  |   |   |   | 20 | 345                | 155 |
|              |             |             |   |                  |   |   |   |    | <b>Total = 500</b> |     |

### Semester II

| Sr. No       | Course Code | Course Type | Course Title                       | Contact Hrs/week |   |   |   | C  | Semester End Marks |     |
|--------------|-------------|-------------|------------------------------------|------------------|---|---|---|----|--------------------|-----|
|              |             |             |                                    | L                | T | P | H |    | EE                 | IA  |
|              |             |             |                                    |                  |   |   |   |    |                    |     |
| 1.           | COMP -201   | DSC-A2      | Internet and Web Technologies      | 4                | 0 | 0 | 4 | 4  | 70                 | 30  |
| 2.           | COMP-202    | DSC-B2      | Data Structures                    | 4                | 0 | 0 | 4 | 4  | 70                 | 30  |
| 3.           | COMP- 203   | MDC- 2      | To be chosen from Mathematics Pool | -                | - | - | - | 3  | 50                 | 25  |
| 4.           | COMP -251   | SEC-2       | Internet and Web Technologies- Lab | 0                | 0 | 6 | 6 | 3  | 50                 | 25  |
| 5.           | COMP -252   | MC-2        | Data Structures - Lab              | 0                | 0 | 8 | 8 | 4  | 70                 | 30  |
| 6.           |             | I/A/P/C-1   | As per HPU Guidelines              | -                | - | - | - | 4  | 70                 | 30  |
| 7.           |             | VAC-1       | To be chosen from VAC Pool         | -                | - | - | - | 2  | 35                 | 15  |
| <b>TOTAL</b> |             |             |                                    |                  |   |   |   | 24 | 415                | 185 |
|              |             |             |                                    |                  |   |   |   |    | <b>Total = 600</b> |     |

- Student on exit will be awarded undergraduate certificate after securing 44 credits in semester I and II in the relevant discipline.

**Students are also required to pass a paper of Environmental Science to be eligible for degree.**

**Second Year (3<sup>rd</sup> Semester)**

| Paper Code   | Paper Title                                | Credit | ESE | CCA | Max. Marks | Exam Duration Hours |
|--------------|--|--------|-----|-----|------------|---------------------|
| BCA0301      | Mathematics-III                            | 4      | 70  | 30  | 100        | 3                   |
| BCA0302      | Business Practices and Management          | 4      | 70  | 30  | 100        | 3                   |
| BCA0303      | Computer Organization                      | 4      | 70  | 30  | 100        | 3                   |
| BCA0304      | Object Oriented Programming with C++       | 4      | 70  | 30  | 100        | 3                   |
| BCA0305      | Desktop Publishing and Designing           | 4      | 70  | 30  | 100        | 3                   |
| BCA0304(P)   | Object Oriented Programming with C++ Lab-V | 3      | 35  | 15  | 50         | 3                   |
| BCA0305(P)   | Desktop Publishing and Designing Lab-VI    | 3      | 35  | 15  | 50         | 3                   |
| <b>Total</b> |  |        |     |     | <b>600</b> |                     |

**Second Year (4<sup>th</sup> Semester)**

| Paper Code   | Paper Title                                   | Credit | ESE | CCA | Max. Marks | Exam Duration Hours |
|--------------|---|--------|-----|-----|------------|---------------------|
| BCA0401      | Personnel Management                          | 4      | 70  | 30  | 100        | 3                   |
| BCA0402      | Accounting                                    | 4      | 70  | 30  | 100        | 3                   |
| BCA0403      | System Analysis and Design                    | 4      | 70  | 30  | 100        | 3                   |
| BCA0404      | Internet Technology & Web Page Design         | 4      | 70  | 30  | 100        | 3                   |
| BCA0405      | Programming in Visual Basic                   | 4      | 70  | 30  | 100        | 3                   |
| BCA0404(P)   | Internet Technology & Web Page Design Lab-VII | 3      | 35  | 15  | 50         | 3                   |
| BCA0405(P)   | Programming in Visual Basic Lab-VIII          | 3      | 35  | 15  | 50         | 3                   |
| <b>Total</b> |   |        |     |     | <b>600</b> |                     |

**Third Year (5<sup>th</sup> Semester)**

| Paper Code   | Paper Title                                 | Credit | ESE | CCA | Max. Marks | Exam Duration Hours |
|--------------|---|--------|-----|-----|------------|---------------------|
| BCA0501      | Operating System                            | 4      | 70  | 30  | 100        | 3                   |
| BCA0502      | eCommerce                                   | 4      | 70  | 30  | 100        | 3                   |
| BCA0503      | Management Information System               | 4      | 70  | 30  | 100        | 3                   |
| BCA0504      | ASP.net Technologies                        | 4      | 70  | 30  | 100        | 3                   |
| BCA0505      | Computer Oriented Statistical Methods       | 4      | 70  | 30  | 100        | 3                   |
| BCA0504(P)   | ASP.net Technologies Lab-IX                 | 3      | 35  | 15  | 50         | 3                   |
| BCA0505(P)   | Computer Oriented Statistical Methods Lab-X | 3      | 35  | 15  | 50         | 3                   |
| <b>Total</b> |   |        |     |     | <b>600</b> |                     |

**Third Year (6<sup>th</sup> Semester)**

| Paper Code   | Paper Title              | Credit | ESE | CCA | Max. Marks | Exam Duration Hours |
|--------------|--------------------------|--------|-----|-----|------------|---------------------|
| BCA0601      | Computer Networks        | 4      | 70  | 30  | 100        | 3                   |
| BCA0602      | Numerical Methods        | 4      | 70  | 30  | 100        | 3                   |
| BCA0603      | Multimedia Technology    | 4      | 70  | 30  | 100        | 3                   |
| BCA0604      | Computer Graphics        | 4      | 70  | 30  | 100        | 3                   |
| BCA0605      | Software Engineering     | 4      | 70  | 30  | 100        | 3                   |
| BCA0604(P)   | Computer Graphics Lab-XI | 3      | 35  | 15  | 50         | 3                   |
| BCA0606      | Major Project            | 3      | 35  | 15  | 50         |                     |
| <b>Total</b> |                          |        |     |     | <b>600</b> |                     |

### **Project Work:**

In the 6<sup>th</sup> semester the student has to develop one project, which will be evaluated by the external examiner from the panel submitted to The Chairman, Computer Science Department, Himachal Pradesh University, and duly approved by the university authority/evaluation branch, Himachal Pradesh University, Shimla on the following basis:

|                    |  |
|--------------------|--|
| 1. Project- Report | 10 Marks   |
|                    | 2. Seminar 10 Marks (To be evaluated internally) |
| 3. Viva-Voce       | 30 Marks   |

### **Bachelor of Computer Applications (BCA) Scheme of Examination**

- (a) Duration of BCA programme shall be of three years (or Six Semesters).
- (b) There shall be an examination at the end of the Semester for which the dates will be notified by the Controller of Examinations.
- (c) The courses of study and syllabi shall be as pre-scribed by the Board of Studies/Faculty from time to time. Other rules will be similar to those for the corresponding examinations in the University.
- (d) Pass percentage of marks: The pass marks in each paper shall be 40%
- (e) A candidate obtaining pass marks in any course shall not be required to Re-appear in that course again, however, the candidate shall be required to complete his BCA degree within a maximum of five years.

### **English shall be medium of instruction and Examination:**

In each theory paper Nine questions are to be divided into A, B, C, D and E sections. There will be two questions in each section A, B, C, D and section E is compulsory which will be of short answer type with 5 part based on entire syllabus. Students are required to attempt one question from each Part. In all five questions are to be attempted.

**Note :-** Internal Assessment will be given on the basis of class Tests ,Assignment, Seminars and attendance in class.

There will be Semesters examination system. Odd Semester examination held in the month of Nov/Dec and Even Semester examination in the month of April/May.

## **POST GRADUATE DIPLOMA IN COMPUTER APPLICATION (PGDCA) :**

The duration of PGDCA in one year spread over in two semester and examination will be at the end of the each semester. The total number of seats in PGDCA courses is 40 as follow:

### **Category PGDCA**

|                  |    |
|------------------|----|
| Subsidized Seats | 30 |
| Non-Subsidized   | 10 |
| Total            | 40 |

### **ELIGIBILITY CONDITION FOR PGDCA/AGE LIMIT FOR PGDCA**

Any graduate from the recognized university or its equivalent with at least 50% marks (45% in case of SC/ST candidates)

*(Note:- Eligibility conditions may be changed as per the New Rules and Regulations of HP University Shimla)*

Male candidates should not be more than 26 years; female candidates should not be more than 28 years and SC/ ST candidates not more than 29 years in age as on 1st July of the year 2022.

1. Subsidized seats ..... The admission will be on merit Basis. The list will be prepared as per following criteria . Criteria for defining merit for PGDCA.

| <b>Class</b>                            | <b>PGDCA</b> |
|---|--------------|
| Graduation                              | 20           |
| Subject Weight age (Maths/Physics/C.S.) | 10           |
| Total                                   | 30           |

**Note:-** Candidates are directed at to tick mark (✓) the appropriate category he or she intend to apply

(Subsidized or Non-Subsidized or both.)

## Scheme of Examination for PGDCA

Examination for PGDCA will be on semester pattern.

### SEMESTER-I & II (PGDCA)

#### SEMESTER -I

| Course Code | Paper                                  | Credits | Univ. Exam Marks | Internal Assessment | Total Marks |
|-------------|--|---------|------------------|---------------------|-------------|
| DCS-101     | Fundamentals of Programming Using C    | 4       | 75               | 25                  | 100         |
| DCS-102     | Office Automation Tools                | 4       | 75               | 25                  | 100         |
| DCS-103     | Computer Organization                  | 4       | 75               | 25                  | 100         |
| DCS-104     | Elective - 1                           | 4       | 75               | 25                  | 100         |
| DCS-105     | Practical-I (C Language)               | 3       | 75               | 25                  | 100         |
| DCS-106     | Practical-II (Office Automation Tools) | 3       | 75               | 25                  | 100         |
| Total       |  | 22      |                  |                     | 600         |

| Elective-1    |                       |
|---------------|-----------------------|
| Course Code   | Paper                 |
| DCS-104 (i)   | Operating System      |
| DCS-104 (ii)  | Software Engineering  |
| DCS-104 (iii) | Multimedia Technology |

#### SEMESTER -II

| Course Code | Paper  | Credits | Univ. Exam Marks | Internal Assessment | Total Marks |
|-------------|--|---------|------------------|---------------------|-------------|
| DCS-201     | Data and File Structure                      | 4       | 75               | 25                  | 100         |
| DCS-202     | Web Technology and Designing                 | 4       | 75               | 25                  | 100         |
| DCS-203     | Database Management system                   | 4       | 75               | 25                  | 100         |
| DCS-204     | Elective - 2                                 | 4       | 75               | 25                  | 100         |
| DCS-205     | Practical-III (Web Technology and Designing) | 3       | 75               | 25                  | 100         |
| DCS-206     | Practical-IV (DBMS)                          | 3       | 75               | 25                  | 100         |
| Total       |  | 22      |                  |                     | 600         |

| Elective-2    |  |
|---------------|--|
| Course Code   | Paper                                  |
| DCS-204 (i)   | Data Communication and Networks        |
| DCS-204 (ii)  | Object oriented programming using JAVA |
| DCS-204 (iii) | Artificial Intelligence                |

## **Reservation of Seats**

Admission to the courses except for seats shall be reserved for NRI's/NRI sponsored and foreign students/payment category seats shall be subject to the following condition:

- A. 15% and 7.5% seats shall be reserved for Schedule Caste/ Schedule Tribe 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 H.P. and affiliated with any board of school education.
- B. . The remaining 77.5% seats are shall be filled as under:
  - i) 25% of the seats for admission shall be open for all the candidates irrespective of the Institution from where they have passed their qualifying examination.
  - ii) 75% of the seats shall be filled out of the candidates who have passed their qualifying examination from HP Board of School Education or any other school located within the territorial jurisdiction of HP and affiliated with any board of school education subject to the following reservation.
    - a) 5% of the seats shall be reserved for outstanding sports persons.
    - b) 5% of the seats shall be reserved for outstanding Cultural persons.
    - c) 3% of the seats shall be reserved for physically handicapped candidates (in absence of a. and b. mentioned above) The roaster of admission showing reservation of various categories shall be used as per the rules of Himachal Pradesh University.

## SUBMISSION OF APPLICATION FORM & FEE

1. Attested copies of the certificates of matriculation or its equivalent examination and Plus Two (10+2) or its equivalent examination with the conversion formulas of grades into percentage wherever applicable with relevant testimonials.
2. Proof of the Date of Birth (if not given in the matriculation certificate)
3. In case of NRI sponsored case & Foreign National the following additional documents are also required.
  - a) Proof of the Date of Birth (if not given in the matriculation Certificate)
  - b) Sponsorship document in case of foreign Nationals.
  - c) Proof of their status in case of NRI's. For this purpose either of the following shall be considered as a proper proof:
    - i) Copy of the Non-resident 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.
  - iv) Photocopy of the latest assessment order of income Tax Authorities either in Indian or the country of employment filled in the status of NRI.

### Fee Structure for BCA& PGDCA ( Per Semester.)

| COURSE | SUBSIDIZED | NON-SUBSIDIZED |
|--------|------------|----------------|
| BCA    | 6500/-     | 13000/-        |
| PGDCA  | 7500/-     | 13000/-        |

Note

1. A Refundable security of Rs. 2000/- will be deposited at the time of Admission.
2. Examination and University Registration fees will be extra
3. Discipline is must in the college Campus.
4. Candidates have to submit full semester fee at the time of per semester admission and it will not be refund under any circumstance.
5. 75% attendance is compulsory to appear in End term exam. As per university guidelines

### BUS PASS FACILITY:

A facility of student concession Govt. bus pass is available.

### LIBRARY AND IDENTITY CARD

Library:-The college has a well-stocked Library. There is a well-furnished and spacious Reading Room. The Library also subscribes to important dailies and periodicals. A student may borrow a maximum of two at a time for a period of 10 days. At the expiry of this period, there is a fine per day, per book. Intentional damage to a book will invite a fine of Rs.50/- in addition to the recovery of the cost of the book. Reference books and periodicals are not given on loan. Needless to say students are expected

to maintain silence in the Reading Room and the Library . Library remains open on all

working days from 10:00AM to 5:00 PM.

NOTE: Books Will Be issued for maximum 10 Days and overdue of books will be fined @ Rs 2.00/- per day .

IDENTITY CARD:-Soon after the admission to the college, the Librarian will issue a student an Identity and Library Card. It is mandatory for all students to have their Identity Card with them when they are in the college, and it must be produced when asked for by any member of the teaching staff. The Identity Card an important document and should be kept with care. A fine of Rs. 30.00/- will be charged for issuing a duplicate Identity Card.

#### IMPORTANT INSTRUCTIONS :

- i. Candidate seeking admission to BCA/PGDCA are advised to see notices regularly on notice board/ website of the college during admission days for supplementary / corrigendum / changes in schedule / pattern / conditions etc.
- ii. Students should keep the Prospectus carefully as it contains all the important information which may be needed time to time during the session.
- iii. Students should visit the websites of HP University & UGC [www.hpuniv.nic.in](http://www.hpuniv.nic.in), [www.hpuniv.in](http://www.hpuniv.in), [www.ugc.ac.in](http://www.ugc.ac.in)) regularly to keep themselves updated with syllabi/course curriculum/ and latest communications related to academics/examination etc.
- iv. Students should attend all counseling / Guidance sessions during admissions / on line filling of exams.
- v. Students should be familiar with details of subjects / courses they opt like structure, syllabi contents, pattern of Continuous Comprehensive Evaluation. These details can be obtained from college library , course teacher or can even be downloaded from HP University website.
- vi. Students should become familiar with CBCS scheme, the structure of each course curriculum they have opted for , the course codes/titles/ syllabus and should choose them carefully while applying on line for examinations. Any error/ omissions should immediately be brought to the notice of college authorities so that necessary steps can be taken.



|                              |                          |                       |
|------------------------------|--------------------------|-----------------------|
| B.Voc.                       | <b>Nodal Officer</b>     | Dr. Anoop Kumar       |
| BCA & PGDCA                  | <b>Co-ordinator</b>      | Dr. Ravi Kant Sharma  |
| Career Guidance & Counseling | <b>Convener</b>          | Sh. Baru Ram          |
| College Finances             | <b>Bursar</b>            | Sh. Kamal Singh       |
| Eco Club                     | <b>Co-ordinator</b>      | Dr. Jahid Ali Malik   |
| Ek Bharat Shrestha Bharat    | <b>Co-ordinator</b>      | Sh. Anil Kumar        |
| Hostel                       | <b>Superintendent</b>    | Sh. Rajat             |
| Hostel Warden (Girls)        | <b>Incharge</b>          | Dr. Pankaj            |
| ICDEOL                       | <b>Co-ordinator</b>      | Ms. Deepa Chauhan     |
| IGNOU                        | <b>Co-ordinator</b>      | Dr. Vivek Negi        |
| IIRS-ISRO Outreach Programme | <b>Co-ordinator</b>      | Dr. Jagdish Chand     |
| IQAC                         | <b>Co-ordinator</b>      | Sh. Kamal Singh Dogra |
| Mid Term Exam                | <b>Incharge</b>          | Ms. Bharti            |
| NCC                          | <b>Incharge</b>          | Dr. Pankaj            |
| NSS (Boys Unit)              | <b>Programme Officer</b> | Sh. Vinod Kumar       |
| NSS (Girls Unit)             | <b>Programme Officer</b> | Ms. Twinkle           |
| Old Student Association      | <b>Secretary</b>         | Dr. Anoop Kumar       |
| Ranger                       | <b>Incharge</b>          | Ms. Navdeep Kaur Shah |
| Red Cross                    | <b>Co-ordinator</b>      | Ms. Navdeep Kaur Shah |
| Rover                        | <b>Incharge</b>          | Sh. Sudesh Kumar      |
| RUSA                         | <b>Co-ordinator</b>      | Sh. Baru Ram          |
| Scholarship                  | <b>Co-ordinator</b>      | Dr. Anoop Kumar       |
| Staff                        | <b>Secretary</b>         | Ms. Deepa Chauhan     |

**Reservation of Seats for Admission in Various Courses session2026-27 Roster System  
120 POINT ROSTER**

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

## SCHOLARSHIPS

A number of scholarships are available for the eligible and deserving students. Information regarding dates, eligibility conditions and procedure for applying for these scholarships will be notified on the college notice board from time to time. The students may apply online for these scholarships through online portal <https://scholarships.gov.in/>. The application should be duly attested /verified by the competent authority and should be accompanied by the relevant certificates of Educational Qualification /Income /Category/Domicile/College Fee Receipt/Aadhaar No. and Bank Account No., etc.

### **CENTRESPONSOREDANDSTATESPONSOREDSCOLARSHIPSCHEMESARE**

- ✓ IRDP Scholarship Scheme
- ✓ HP University Scholarship
- ✓ Kalpana Chawla Chhatravriti Yojana
- ✓ Post-Matric Scholarship Scheme to OBC students
- ✓ Post-Matric Scholarship Scheme to SC students
- ✓ Post-Matric Scholarship Scheme to ST students
- ✓ Post-MeritScholarshipSchemeforStudentsBelongingtoMinorityCommunity.
- ✓ Post-Matric Scholar ship for Student with Disabilities
- ✓ Molana Azad Scholar ship for Girl Students
- ✓ INBA Scholarship for NCC Students
- ✓ INSPIRE Scholarship –for Science Students

### **PRIVATE SCHOLARSHIPS**

#### **Dr .Suresh Chandra Joshi and Mrs. Nirupama Joshi Educational Scholarship**

Dr.SureshChandraJoshiandMrs.NirupamaJoshiEducationalScholarshipof Rs.50,000/- each for a meritorious boy and a girl belonging to BPL/IRDP families of District Sirmaur is an annual scholarship sponsored by Mr. Atul Joshi and Mrs. Amber Joshi started from the session 2020-21.

## **TENTATIVE ACTIVITY CALENDER FOR THE SESSION 2026-27**

|  |  |
|--|--|
| <b>PLANTATIONDRIVE</b>                       | <b>Second and Third Week o fJuly, 2026</b>                 |
| <b>INDUCTIONPROGRAMMEFOR STUDENTS OF BCA</b> | <b>28-06-2026 (Tentative)</b>                              |
| <b>ECOCLUBACTIVITIES</b>                     | <b>In the Month of August and September</b>                |
| <b>NATIONALSPORTSDAY</b>                     | <b>August29, 2026</b>                                      |
| <b>HINDI PAKHWARA</b>                        | <b>September1toSeptember 15,2026</b>                       |
| <b>TEACHER'S DAY CELEBRATION</b>             | <b>September5,2026</b>                                     |
| <b>HINDI DIWAS CELEBRATIONS</b>              | <b>September14,2026</b>                                    |
| <b>NSSDAY</b>                                | <b>September24,2026</b>                                    |
| <b>PTA GENERA LHOUSE</b>                     | <b>First Week of September,2026</b>                        |
| <b>ROAD SAFETY CLUB ACTIVITIES</b>           | <b>In the Month of September and October, 2026</b>         |
| <b>GANDHI JAYANTI CELEBRATIONS</b>           | <b>October2,2026</b>                                       |
| <b>WOMEN DEVELOPMENT CELL ACTIVITIES</b>     | <b>In the Month of October, December and March 2026-27</b> |
| <b>SWACHATA PAKHWARA</b>                     | <b>In the Month of October,2026</b>                        |
| <b>CSCA FORMULATION</b>                      | <b>Date to be Notified by HPU</b>                          |
| <b>DIWALI BREAK</b>                          | <b>Date to be Notified by HPU</b>                          |
| <b>MIDTERM TEST</b>                          | <b>SecondWeekofDecember,2026</b>                           |
| <b>R&amp;R FOUNDATION DAY</b>                | <b>7<sup>th</sup> November, 2026</b>                       |
| <b>CONSTITUTION DAY</b>                      | <b>November26,2026</b>                                     |

## LEAVE RULES

- Students should get their leave applications recommended by the teachers.
- Leave for **3 days** will be sanctioned by the senior tutors / subject teacher.
- Leave for more than **3 days** will be sanctioned by the Principal.

## RE-ADMISSION

The students **absent for 6 days** continuously from any class without proper sanctioning of leave by the **competent authority of the college**, his/ her name automatically will be struck off from the rolls. A student **absent for 10 days** in a month will also be deleted from rolls. Re- admission will be entertained on payment of *readmission fee of Rs. 100/-* within **7 days** after duly permitted by the Principal. After expiry of 7 days the student will have to bear a *re-admission fee of Rs. 200/-*. The recommendation of the teacher and in addition to it, the Principal may impose extra fine depending upon the gravity of his/her absence. A student struck off for the second time in a session from any class will be ineligible for re-admission to the class.

## COLLEGE STUDENTS CENTRAL ASSOCIATION (CSCA)

The College Students Central Association is formed every year as per the rules laid down by Himachal Pradesh University, Shimla from time to time. Presently the selection for various posts of this association is done through merit i.e. indirect selection mode.

## PARENT TEACHERS ASSOCIATION (PTA)

To encourage community participation in education Parent Teachers Association (PTA) under section 2.33 to 2.33.7 of the HP Education Code, 2001, has been established. It is a non-political body for better coordination and interaction between parents and teachers for improvement of academic standards and infrastructural facilities of the college.

## PATAL: YEARLY PERIODICAL

In order to encourage creative abilities among the students, the college magazine '*Patal*' is published annually. It consists of a number of sections and each section has *one staff editor & one student editor*. Students are asked to contribute original authored poems, articles, stories, memoires, experiences, and so on giving it a literary tinge. It also exhibits a panoramic summary of year-long activities in the form of pictography.

## **ANNUAL PRIZE DISTRIBUTION**

Various awards and prizes are given to the meritorious students in academics and to those who *excel in sports and co-curricular activities* on the Annual Prize Distribution Function as per college norms.

## **CAREER GUIDANCE & COUNSELING CELL**

Career guidance cell guides the students regarding different career prospects open to them. Clippings of advertisements for different posts/training programs from various newspapers are also displayed on the notice board for the benefit of students. Resource persons from different fields are also invited for career related guidance and counseling of the students.

## **IGNOU CENTRE**

Our IGNOU study Centre is running various educational programs at a reasonable fee. All IGNOU courses are recognized by the UGC. The college students can simultaneously do any of the Degree/Diploma Programs from IGNOU because the migration certificate is not required for doing any course from IGNOU. The students can take walk-in admission in IGNOU throughout the year for July or January Sessions. Contact no. of IGNOU centre is **01702-251108**.

## **OLD STUDENTS ASSOCIATION (OSA)**

Old Student's Association (OSA) of Dr. Y. S. Parmar, Govt. P. G. College, Nahan is a registered association of college which came into existence in 2001, since then it is an active body with many alumni as its members. The college conducts meetings time to time with the members of Old Student's Association (OSA) which provides a platform to the former students to contribute suggestions with respect to the functioning and infrastructure of the college.

## **CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES**

Education is a very broad term and goes beyond training of one's mind for acquiring textual knowledge. It is associated with other activities in order to see multi-dimensional development of overall personality of a man. The college provides opportunity to our students through many co-curricular and other activities that help them to develop into a sound body and mind. Keeping this in view we have societies like Science Society, Social Science Society, Red Ribbon Club, CHEMICOS and Eco Club etc. Students are encouraged to join these societies as per their interest. Students can approach the incharges of these societies.

## **NATIONAL SERVICE SCHEME (NSS)**

The college has two NSS units. Enrolment in NSS is done in the *beginning of the session*. Students have to apply while filling the online form for participation in NSS activities. Interested students may contact NSS Programme officers for

enrolment.

## **NATIONAL CADET CORPS (NCC)**

The college has two NCC wings separately for boys and girls. Students have to apply while filling the online form for participation in NCC activities. Recruitment is done by selection. NCC teaches the students the lesson of study and discipline. A, B & C Certificates holder are eligible to appear directly for interview in the Armed Forces.

## **ROVERS AND RANGERS**

The college has got one unit of Rovers and Rangers each. Basically it is a voluntary non-political youth organization wherein students are trained to combat during natural disaster and otherwise too. It helps its members to have all-round development and become perfect responsible individuals to the society, nation and the world at large.

**Note:** The students can opt for either NCC or NSS or Rovers and Rangers.

## **SPORTS**

It is a bygone story that studies only bring name. Sports have taken many a stride where one can try for a name and fame. In order to encourage students our college provides facilities for indoor and outdoor games. Students are encouraged to participate in any of the games and prepare for inter-college tournaments organised by Himachal Pradesh University to earn name and fame and establish oneself in sports also.

## **EDUCATIONAL TOURS**

For the overall development of the students stream-wise educational tours are arranged from time to time. The purpose of the trip is usually observation, non-experimental research or to provide students with experiences outside their everyday activities, such as going & camping with teachers and their classmates.

# **OTHER IMPORTANT COMMITTEES AND CELLS**

### **Internal Grievance Cell (IGC):**

The IGC serves as a dedicated platform that provides students with a mechanism to address their grievances, concerns, and complaints in a fair and confidential manner.

### **Women Development Cell (WDC: SHAKTI):**

Women Development Cell "SHAKTI" serves as a platform to address and advocate for women's issues, fostering an environment of gender equality and inclusivity on campus.

### **Road Safety Club:**

Role of Road Safety Club is to promote safe practices among students, both as drivers and pedestrians. By organizing various events, campaigns, and workshops, the club aims to educate students about traffic rules, responsible driving, and the importance of wearing seat belts, avoiding distracted driving, and respecting speed limits.

### **Drug Abuse Cell:**

Drug Abuse Club in our college aims to create a safe and supportive environment for students to openly discuss and address the issue of drug abuse on campus.

**Disaster Management Cell:**

This club provides a platform for students to learn about different types of disasters, their causes, and their potential impacts. This cell in association with NDRF and SDRF provides basic training to the students to ensure safety during a threatening disaster situation.

**Minority Cell:**

This cell serves as a dedicated platform within the educational institution to address the specific needs and concerns of students belonging to minority class, ensuring their overall well-being and academic success.

**SC/ST Cell:**

One such important initiative is the SC/ST Cell, which is specifically designed to address the concerns and upliftment of Scheduled Castes (SC) and Scheduled Tribes (ST) students.

**OBC Cell:**

The OBC cell in a degree college serves as a platform to assist and empower OBC students in various aspects of their academic journey. Its primary objective is to ensure the holistic development of OBC students and create an inclusive environment on campus.

**Equal Opportunity Cell:**

The Equal Opportunity Cell (EOC) is dedicated to ensuring that no student faces discrimination or barriers based on their gender, caste, religion, or any other factor

# Training Placement and other activities of BCA & PGDCA Department

1. College organized industrial visits and educational tours for exposure of the students.



# TEACHING METHODOLOGY

Lecture Method

Demonstration Method

Project Method

Group Discussion Method

Online Audio Video Lectures

For Admission Visit- [www.gcnahan.in](http://www.gcnahan.in)