



GOVERNMENT COLLEGE SEEMA (ROHRU)

District Shimla, Himachal Pradesh – 171207

A NAAC accredited B++ Co – educational Institution

Affiliated to Himachal Pradesh University, Shimla

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SUPPORTING DOCUMENTS

1.3.2

1.3.2 PARTICULAR PAGE FROM SYLLABUS MENTIONING PROJECT WORK/FIELD WORK/ INTERNSHIP

Sr. No.	Subject	Type of Work
1	BCA	Project Work
2	PGDCA	Project Work
3	GEOGRAPHY	Field Work

PARTICUAR PAGE FROM SYLLABUS MENTIONING PROJECT WORK/FIELD WORK/ INTERNSHIP

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BCA Syllabus

HIMACHAL PRADESH UNIVERSITY

BACHELOR OF COMPUTER APPLICATIONS (BCA)

As per the amendments on 14.8.15 by the Executive Council of H.P.

University, Shimla and effective from session 2015-16 onwards

Duration: 3 Years (6 Semesters)

1. About the Course

Bachelor of Computer Applications (BCA) is three years under graduate course spread over six semesters under self financing scheme.

2. Eligibility

Candidates who have passed 10+2 examination from H.P. Board/CBSE/ICSE or any other examination considered equivalent to 10+2, by the Himachal Pradesh University, Shimla, with 40% Marks (35% marks for SC/ST category), shall be eligible.

Maximum age limit for admission to BCA course is 21 years for general category, 24 years for SC/ST category and 28 years for girls candidates, as on the 1st July of the year concerned. The Vice-Chancellor may permit age relaxation up to maximum of three months.

3. 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.

4. Scheme of Examination

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 End Semester Examination and 30 marks for Continuous Comprehensive Assessment) and duration of each paper will be 3 hours.

For ICDEOL students each theory paper will be of 100 marks and of 3 hours duration.

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.

Third Year (5th 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
Total					600	

Third Year (6th 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	
Total					600	

PGDCA Syllabus

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PRADESH UNIVERSITY
R HILL, SHIMLA-171005.

Out line of PGDCA. Course (1 year)- two semester and scheme of examination. (Effective from 2002 onwards)

SEMESTER –I

Course Code	Paper	Max. Marks Theory	Internal Assess.	Exams. Duration (Hrs.)
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-I (C Language)	50	50	3
DCS-106	Practical-I I (PC Software)	50	50	3

SEMESTER –II

DCS-201	Data and 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 (Data base Management system)	75	25	3
DCS-207	Project Work	200	-	-

The project should be involve development of application software for some industry/ Institute

Geography Syllabus

4. FIELD TECHNIQUES & SURVEY BASED PROJECT REPORT (GEOGP 302SEC)

Course Code	(GEOGP 302SEC)		
Credits-4	L	T	P
	15	0	90(45)*
Course Type	Skill Enhancement		
Lectures to be Delivered	60		

Note: The CCA, Annual Theory Paper and Annual Practical Examination is same as in paper GEOG204 SEC

Course Content and Credit Scheme

Unit	Topic	Allotted Time (hrs)		
		L	T	P/FW
I.	Introduction Field Work in Geographical Studies – Role, Value and Ethics of Field-Work, Defining the Field and Identifying the Case Study – Rural / Urban / Physical / Human / Environmental.	3	0	10(5)*
II.	Field Techniques Merits, Demerits and Selection of the Appropriate Technique; Observation (Participant / Non Participant).	4	0	20(10)*
III.	Questionnaires (Open/ Closed / Structured / Non-Structured); Interview with Special Focus on Focused Group Discussions; Space Survey (Transects and Quadrants, Constructing a Sketch).	4	0	30(15)*
IV.	Designing the Field Report Aims and Objectives, Methodology, Analysis, Interpretation and Writing the Report.	4	0	30(20)*
	Total Hours	15	0	90(45)*

FW-Field Work

Practical Record

1. Each student will prepare an individual report based on primary and secondary data collected during field work.
2. The duration of the field work should not exceed 10 days.
3. The word count of the report should be about **8000 to 12,000** excluding figures, tables, photographs, maps, references and appendices.
4. One copy of the report on A 4 size paper should be submitted in soft binding.

Reading List

1. Creswell J., 1994: *Research Design: Qualitative and Quantitative Approaches* Sage