

1.1 MODE OF TEACHING


1.1.

The modern mode of teaching has undergone a remarkable transformation with the integration of technology, giving rise to innovative approaches such as **blended learning** and the **flipped classroom model**. These methods aim to enhance student engagement, promote deeper understanding, and create a more personalized learning experience. **We at our institution have opted these new methods in terms of blended teaching and flipped classroom.**

In **blended learning**, traditional classroom instruction is effectively combined with online learning tools and digital resources. This approach allows students to access lectures, readings, and assignments through online platforms while still participating in face-to-face discussions, group projects, and teacher-led sessions. It provides flexibility for learners to progress at their own pace, review materials as needed, and engage with multimedia content that supports different learning styles. Teachers, in turn, can use data from online assessments to monitor progress and tailor instruction to individual needs. **Majority of our teachers use Google classroom to send notes videos and diagrams to students especially in case of skill enhancement courses (SEC). (Proof attached).**

The **flipped classroom model** takes this concept a step further by reversing the conventional sequence of learning. Instead of introducing new concepts during class time, students explore new topics through videos, presentations, or readings before coming to class. Classroom sessions are then used for active learning activities such as problem-solving, deep learning, experiments, and collaborative projects. This model encourages students to take greater responsibility for their own learning, promotes critical thinking, and transforms the teacher's role from a lecturer to a facilitator or mentor. **Seminars or PowerPoint presentation are given by students of second year and final year after prior discussion of the various topics of the syllabi of SEC papers. After seminar, discussion and question answers session is organized. (Proof attached)**

Together, blended and flipped teaching approaches foster a **student-centered learning environment** that emphasizes interaction, reflection, and application of knowledge. These methods not only make learning more dynamic and engaging but also help students develop essential skills such as communication, collaboration, creativity, and digital literacy and overall holistic development. By integrating technology thoughtfully, educators can bridge the gap between traditional and modern teaching, making learning more meaningful, flexible, and effective.


Principal
Govt. College Nangla Bagwan
Distt. Kangra (H.P.)

BSc 3rd year 2025-26

21 students

BSc 1st 2025 -26

37 students

BSc 3 Year SEC ONLY

SEC ONLY

1 student

BSc 1st year Mechanics

All

54 students


BSc 2nd year

Both

25 students


BSc Final 2023-24

[Signature]
Principal 8/12/23
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Distt. Kangra (H.P.)


 Calendar


 Notifications


Teaching


 BSc 3rd year 2025-26

 BSc 1st 2025 -26

 BSc 3 Year SEC ONLY
SEC ONLY

 BSc 1st year Mechanics
All


 BSc 2nd year
Both


 B.A.6thsem.
DSC-1

 B.Sc 6th Semester Major
MAJOR STUDENTS


Enrolled

 To do

 BSc Final 2023-24
Nuclear and Particle Physics

 BSC 2023-24
Solid state and Electronics

 Offline files

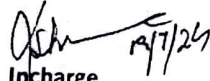

8/12/24
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1.1.11

BSc TIME TABLE w.e.f 22.07.2024

CLASS	9:45-10:30	10:30-11:15	11:15-12:00	12:00-12:45	12:45-1:30	1:30-2:15	2:15-3:00
BSC I	CHEMISTRY DSC (1-6) 209	AECC Medical (1-3) Non-Medical (4-6) 208	MATHS DSC (1-6) 208 BOTANY DSC (1-6) 203	Tutorial (Competitive exam coaching/ career counseling/Guest lecture etc.) 208	PHYSICS DSC (1-6) 208 ZOOLOGY DSC (1-6) 203	PRACTICAL (1-6)	
BSC II	MATHS DSC (1-6) 207 BOTANY DSC (1-6) 203	PHYS DSC (1-6) 207 ZOOLOGY DSC (1-6) 203/ ZOO LAB	CHEMISTRY DSC (1-6) 207	PRACTICAL (1-6)		PHYS SEC (1-6) 207 MATHS SEC (1-6) 208 CHEM SEC (1-6) 209	BOT SEC (4-6) 203 ZOO SEC (1-3) ZOO LAB
BSC III	PHYSICS DSE (1-6) 208 ZOOLOGY DSE (1-6) ZOO LAB	PRACTICAL (1-6)		CHEMISTRY DSE (1-6) 207	MATHS DSE(1-6) 207 BOTANY DSE (1-6) 203	BOT SEC (1-3) 203 ZOO SEC (4-6) ZOO LAB	MATHS SEC (1-6) 208 PHYS SEC (1-6) 207 CHEM SEC (1-6) CHEM LAB

Note: Classes for Career counseling/competitive examination/guest lecture etc for BSC II & III year has been scheduled at 3:00PM twice in a week.


Incharge
Time table committee
(Science)


Convener
Time table committee


Principal

Time Table for Session 2024-25 (Arts) W.E.F 22-07-2024

Year	09.45-10.30	10.30-11.15	11.15-12:00	12:12:45	12:45-01.30	01.30-02:15	02.15-3.00	3.00-3.45
BA 1 st Year	GEOG(1-3) DSC1- GL Music(4-6) DSC-1 M.R PHY. EDU(1-3) DSC-1 102	SOC (1-3)DSC-1 110 HIST (4-6) DSC-1 103	ENG DSC-1 (1-3) SCR DSC-2 (4-6) SCR HINDI DSC-1 &2 (1-3) 117 Hindi Comp (4-6) 117 SKT DSC-1 (1-3) 102 DSC2 (4-6) 102 MATHS DSC (1-6) 208	GEO DSC2 (4-6) GL HIST DSC2 (1-3) 103 MUSIC-V DSC2(4-6) MR PHY. EDU DSC2 (4-6) 102 ECO DSC-1 (1-3) 212 English Compulsory @AECC (Commerce)	SOC DSC 2 (4-6) 213 ECO DSC2 (4-6) 212 POL SCI DSC1 (1-3) 213	ENG COMP SEC (A,B,C,D) 110,102,10 3, 117 Hindi/ Environment Science (Commerce)	HINDI COMP 308 SKT COMP (5-6) 102 POL SCI (4-6) DSC-2 117	CCA & OTHER ACTIVITIES
BA 2 nd Year	SOC (1-6) DSC1 @ 2 110 MUSIC DSC1(1-3) M.R GEO DSC1 (4-6) G.L ENG COMP SEC. D (1-6) ROOM, 313 MATHS DSC (1-6) 208	POL SCI SEC 1&2 (1-3) 112 HINDI SEC 1&2 (1-3) 103 ENG SEC 1&2 (1-6) S.C.R SKT SEC 1&2 (1-3) 213 ECO SEC1&2 (4-6) 212 SOC. SEC 1&2 ((4-6) 110 GEO SEC 1&2 G.L (1-3) HIST SEC 1&2 (1-3) 117 MUSIC SEC 1&2 (1-6) M.R. PHY EDU. SEC1&2 (1-3) PHY EDU. DSC1 (4-6) 102	ENG COMP (A,B,C) (1-6) 109 & 110, 112 POL DSC1(5-6) 313	HINDI DSC1&2 (1-3) 3) 213 ENG DSC 1&2 (1-6) S.C.R SKT DSC1 (1-3) 102 SKT COMP (4-6) 212	GEO DSC2 (1-3) G.L MUSIC-V DSC2 (4-6) M.R PHY. EDU. DSC2 (4-6) 103 ECO DSC2(1-3) 212 Eng Comp.1-3 (Commerce) 308	HIST DSC1&2 (1-6) 109 ECO DSC1(4-6) 212 POL DSC2 (1-3) 112 MATHS SEC (1-6) 208	HINDI COMP (A.B.C.D) 308	CCA & OTHER ACTIVITIES
BA 3 rd Year	PHY EDU.DSC1 (4-6) 102 HINDI SEC 1&2 (4-6) 213	SKT DSC1 (4-6) 112 ECO SEC 1&2 (1-3) 212 GEO DSE 1@2 (4-6) POL. SCIENCE Generic (5-6) HALL	ECO DSC1(1-3) 212 DSC2 (4-6) 212 HIST DSC1 (4-6) 213 PHY EDU DSC2 (1-3) 103	POL SCI DSC 1&2 (1-6) 110 SOC. DSC1&2 (1-6) 313 GEO DSC1 (1-3) G.L	HINDI DSC1&2 (4-6) 112 ENG DSE1&2 (1-6) 313	GEO SEC1&2 (1-3) G.L GEO GENERIC (5-6) G.L MUSIC-V DSE1&2 (1-6) M.R SKT DSC2 (1-3) 213	MATHS DSE1&2 (1-6) 208 PHY EDU. SEC1&2 (1-4) 103 HIST SEC 1&2 (1-4) 213 SKT SEC 1&2 (1-4) 102 POL SCI SEC 1&2 (1-3) 117 SOC SEC 1&2 (1-4) 207 HIST SEC 1&2 (1-4) 208 ENG SEC 1&2 (1-4) S.C.R MUSIC-V SEC1&2 (1-4) M.R SAME SUBJECT FOR GENERIC DAYS ARE (5-6)	CCA & OTHER ACTIVITIES

In case of any clash please contact the convener of Arts time table committee

[Signature]
Principal

Affinities of Rhodophytes:-

Similarities with Bryophytes:-

- Terrestrial habitat
- Embryos and archegonia are almost similar in shape & structure
- Sterile jacket around sex organs
- Walls composed of cellulose
- Zygote develops into embryo
- Alternation of generation

Differences

<u>Bryophytes</u>	<u>Rhodophytes</u>
- Dominant phase is gametophyte	- Dominant phase is sporophyte
- Lack of chloroplasts	- Present
- No true leaves, stems, roots	- Present

Reproduction

- Rhodophytes are dominant plants
- True roots, stems & leaves
- Chloroplasts in cells
- Alternation of generation

[Signature]
Principal 8/12/21

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