# H.N.B. GOVT. P.G. COLLEGE, KHATIMA (U.S. NAGAR) UTTARAKHAND **DEPARTMENT OF ZOOLOGY**

### Attainment of POs and COs : -

- 1. For timely completion of syllabus, faculty members strictly followed the time table.
- 2. For up-gradation of weak learner to advance Learner students were guided regularly by faculty members, after the evaluation of internal assessment, their performance in classtest and laboratory exercises
- 3. Some part of syllabus completed through online group discussion and lectures delivered by faculty members to the students.
- 4. For weak learners, remedial classes provided, as result of this, they enhance their knowledge status.
- 5. The perfect results are being expressed among the students as they are preparing themselves for higher study like PhD, Industrialist and Pharmacologist etc.

1

6. Presentation and class test tecqnic is used for completion of syllabus.

STO. R.S. Nege ल्सो०/ असि० प्रोफेसर एव. रूप में राजकीय स्नाल्मदाविद्याल खटीमा (कुधम जिंह नगर)

### Department of Botany Attainment of POs and COs

The departmental time table is scrupulously followed by the faculty members to complete the courses on time.

Weak learners are regularly guided by the faculty members on the basis of their performance in internal assessment, class tests, seminars and laboratory exercises to upgrade them as advanced learners.

The faculty members of the department are trying to develop practical knowledge and problem solving skills among the students to enhance the qualitative performance assessment.

To accessing the student's analytical and problem-solving abilities, every student is assigned course-related assignments, and assignments are evaluated then marked with grades based on the skill behavior for preparing / writing the assignments by the student.

The perfect results are being come in form of those students who are preparing themselves as ideal worker in the field of science and socioeconomic aspects.

Head (Do Anjana Chandola) Department of Botany विभागाध्यक्ष वनस्पति विज्ञान विभाग हे०नं०व०र ०स्नातकोत्तर महाविद्याल 7 खदीमा (ऊधम सिंह नगर)

### Attainments of POs and COs Evaluated

### **Department of Economics**

- 1. The program outcomes (POs) completed through curriculum. Continuous evaluation is done regularly through class tests.
- 2. Group discussions are organized and participation of each student is compulsory.
- 3. Home assignment and classroom assignment are given to the students.
- 4. Some activities like quiz competition are also conducted by which the students gain knowledge and information.
- 5. Remedial classes are also organised by the department for weak students.

विभागोध्यक्ष अर्थशाः ा विभाग हे०नं०ब०रा०स्नाः त्तर महाविद्यालय खटीमा (ऊधा सिंह नगर)

# **DEPARTMENT OF COMMERCE**

## Attainment of POs and COs

The departmental time table is scrupulously followed by the faculty members to complete the courses on time.

Weak learners are regularly guided by the faculty members on the basis of their performance in internal assessment, class tests, seminars and laboratory exercises to upgrade them as advanced learners.

The faculty members of the department are trying to develop Numerical knowledge and problem-solving skills among the students to enhance the qualitative performance assessment.

To accessing the student's analytical and problem-solving abilities, every student is assigned course-related assignments, and assignments are evaluated then marked with grades based on the skill behavior for preparing / writing the assignments by the student.

The perfect results are being come in form of those students who are preparing themselves as ideal worker in the field of Commerce and Management aspects.

Head Department of Commerce

प्रोफेसर (डा०) आशुतोष कुमार प्रोफेसर एवं विभागाध्यक्ष वाणिज्य हे०नं०ब० राज० स्ना० महाविद्यालय खटीमा ऊद्यम सिंह नगर, छत्तराखण्ड Program Outcomes:

- Mastery of fundamental concepts and principles of physics at an advanced level a.
- Ability to analyze and solve complex problems using mathematical and computational methods. b.
- Ability to design and conduct experiments, analyze data and draw conclusions. C.
- Ability to communicate scientific ideas and results effectively to both scientific and non-scientific d. audiences.
- Awareness of the ethical and social implications of scientific research and practice e.

### Course Outcomes:

- Understand the mathematical foundations of physics and apply mathematical tools to solve problems a.
- Understand the basic concepts of classical mechanics, quantum mechanics, and electromagnetism b.
- Understand the principles of thermodynamics and statistical mechanics C.
- Understand the principles of optics and modern physics d.
- Ability to design and conduct experiments in the areas of mechanics, electromagnetism, and optics e.
- Ability to analyze data and draw conclusions from experimental results f
- Ability to communicate scientific ideas and results effectively through oral and written presentations g.

To evaluate the attainment of these outcomes, some possible methods include:

- Reviewing student performance in coursework, such as grades on exams, assignments, and projects. 1.
- Assessing student mastery of program and course outcomes through comprehensive exams or 2. capstone projects.
- 3. Conducting surveys or interviews with students and faculty to gather feedback on the program and course outcomes and the extent to which they have been achieved.
- 4. Evaluating the quality and impact of research projects and publications produced by students and faculty in the program.

विमागः विमागः भौतिक विज्ञः विभाग श्रे व्ववरावस्नातकोत्तर भहाविद्यालग् खटीमा (उड़ाम सिंह नगर)

# H.N.B. Govt. P.G. College, Khatima (U.S. Nagar) Uttarakhand

### Department of yog

Attainment of POs and COs : -

- 1. For timely completion of syllabus, faculty members strictly followed the time table.
- For up-gradation of weak learner to advance Learner students were guided regularly by faculty members, after the evaluation of internal assessment, their performance in class-test and practical class.
- Some part of syllabus completed through online group discussion and lectures delivered by faculty members to the students.
- For weak learners, remedial classes provided, as result of this, they enhance their knowledge status.
- 5. The perfect results are being expressed among the students as they are preparing themselves for higher study like PhD, Net, and other health care center etc.

570 गाः वभा

Department OF Palitical Science Attainment of Pos 4 Cos

For fincly Competetion of Syllabus faculty members strictly followed the time table.

Students were guided regularly by Acdicated Faculty members after the evaluation of Assignment 4 Presentation/ class Performence

The faculty members of the Depentment are trying to develop Practical Knowledge 4 Problem Solving skills among the Students to enhance the qualitative performance assessment.

Some Part of Syllabus Compliled through On-line group dissenssion & lectures delivered by Faculty members including Research Scholens to Students.

The perfect result are being Expressed among the students as they are preparing themselves for heigher studies such as P-h.D Scholoresch.

D. Chandolu

विमागाध्यक्ष राजनीति शास्त्र विभाग हे०न०ब०रा०स्नातकोत्तर महाविद्यालय खटीमा (जधम सिंह नगर)

# ATTAINMENT OF PROGRAM OUTCOME/COURSE OUTCOME OF GEOGRAPHY DEPARTMEN (H.N.B. GOVT.P.G. COLLEGE KHATIMA

Attainment of Program Outcomes:

Develop an understanding of the physical, social, economic, and environmental processes and systems that shape the world around us

Use critical thinking and problem-solving skills to analyze geographic data and information to address real-world issues.

Apply knowledge of geospatial technology to collect, analyze, and interpret data for decision-making.

geographic presenting communication skills, both oral and written, in information to various audiences. Demonstrate effective

Understand the role of cultural, social, economic, and political factors in shaping human-environment relationships.

Attainment of Course Outcomes (Example for a Physical Geography Course):

Identify and describe the major components of the earth's physical systems, including the atmosphere, hydrosphere, lithosphere, and biosphere.

Analyze the processes and patterns of climate, weather, and water cycles.

Demonstrate an understanding of landforms and landscapes and their evolution over time.

Evaluate the impacts of natural hazards such as floods, earthquakes, and hurricanes on human settlements and ecosystems.

Utilize geospatial technology to analyze and map physical processes and patterns.

Course Outcomes (Example for a Human Geography Course):

Understand the major concepts and theories of human geography, including population, migration, cultural and political geography

Analyze the impacts of globalization on local and regional economies and cultures

Apply critical thinking skills to examine the intersection of race, class, gender, and other social factors in shaping human-environment relationships.

Evaluate the impacts of urbanization and suburbanization on communities and the environment.

Demonstrate an understanding of the role of politics and power in shaping international relations and geopolitical landscapes.

Many ( ) किंदियालय खटीमा (ऊधम सिंह नगर) उत्तराखण्ड राज्य

-4

## ATTAINMENT OF PROGRAM OUTCOME/COURSE OUTCOME OF MATHMETICS DEPARTMENT (H.N.B. GOVT.P.G. COLLEGE KHATIMA)

Evaluated maths department program out specific evaluation results of the Mathematics department program outcomes and course outcomes at HNB PG College Khatima. However, I can provide you with some general information on program outcomes and course outcomes, as well as how they are typically evaluated.

Program outcomes are the overarching goals or objectives of a degree program, which describe the knowledge, skills, and abilities that students are expected to have acquired upon completion of the program. Course outcomes are the specific learning objectives for individual courses within the program, which describe what students should be able to do or understand upon completion of the course.

The attainment of program outcomes and course outcomes is typically evaluated through various assessment methods, such as exams, assignments, projects, presentations, and other forms of performance-based assessments. The results of these assessments are usually analyzed and used to determine the extent to which students have achieved the program and course outcomes.

Evaluation of program outcomes and course outcomes can be done at different levels, including at the institutional level, program level, and course level. At the institutional level, evaluation typically involves analyzing data on student learning outcomes across multiple programs to assess the effectiveness of the institution's educational programs as a whole. At the program and course level, evaluation typically involves analyzing data on student learning outcomes within individual programs or courses to identify areas for improvement and make adjustments to the curriculum or teaching methods.

It is important to note that evaluation of program outcomes and course outcomes is an ongoing process that requires continuous monitoring and assessment to ensure that students are consistently meeting the desired learning objectives.

Ohiling

# ATTAINMENT OF POs/ COs DEPARTMENT OF EDUCATION H.N.B. GOVT. P.G. COLLEGE KHATIMA

Program outcomes refer to the overall goals and objectives of a degree program. They are typically broad statements that describe the knowledge, skills, and abilities that students should be able to demonstrate upon completion of the program. Course outcomes, on the other hand, refer to the specific learning objectives of individual courses within the program.

To evaluate program outcomes and course outcomes, it is important to first establish clear and measurable criteria for success. This may involve developing rubrics or other assessment tools that can be used to evaluate student performance. It is also important to gather data on student performance, such as grades, test scores, and other forms of assessment.

Once data has been collected, it is important to analyze the results and use this information to make informed decisions about program and course improvement. This may involve making changes to the curriculum, instructional methods, or assessment strategies in order to better align with the desired program and course outcomes.

Overall, evaluating program outcomes and course outcomes is an ongoing process that requires continuous monitoring and adjustment in order to ensure that students are meeting the desired earning objectives.

Reenasivas

H.O.D. DEPARTMENT OF EDUCATION

## ENGLISH DEPARTMENT H.N.B .P.G COLLEGE KHATIMA ATTAINMENT OF POS AND COS

### Attainment of Program Outcomes (POs):

PO1: Students will be able to analyze and interpret a wide range of literary texts from various periods and cultures.

PO2: Students will be able to communicate effectively in written and oral forms using standard English.

PO3: Students will be able to demonstrate critical thinking skills in analyzing literary texts and cultural issues.

PO4: Students will be able to demonstrate knowledge of literary theory and research methods.

PO5: Students will be able to appreciate and respect diversity in culture and perspectives.

## Attainment of Course Outcomes (COs):

CO1: Students will be able to identify and describe literary elements, such as plot, character, setting, and theme, in a literary text.

CO2: Students will be able to analyze the structure, style, and language of a literary text.

CO3: Students will be able to write a well-organized essay with a clear thesis, developed paragraphs, and appropriate use of evidence.

CO4: Students will be able to participate in a class discussion by offering insightful comments and asking relevant questions.

CO5: Students will be able to use library and online resources to find scholarly articles and books for research purposes.

The points for evaluation of each outcome may vary depending on the specific learning objectives and assessment criteria set by the Department of English at HNB PG College Khatima.

अंग्रेजी विभाग हे०नं०ब०रा०स्नातकोत्तर महाविणालय खटीमा (ऊधा सिंह नगर

Attainment of Po and Co Evaluation

Department of History, H.N.B.P.G.College, Khatima

Introduction to History, Definition, Nature and Scope of History as a subject. Historiography schools of historical writing, major historians,their contributions and different approches to historical research and writing.

Ancient civilization:study of major ancient civilizations such as the Indus Valley civilization, Mesopotamia, Egypt,

Vedieval History: The rise and fall of medieval, the Islamic caliphates and the medieval european kingdoms.

Modern History: The Industrial Revolution, The Age of Exploration, the rise of colonialism and the emergence of Latin thates and their impact on world history.

Each of these topics will be covered in depth during the course, including the political, economic and social and cultural aspects of each era. The syllabus of may also include primary sources reading core studies and research to pleepen student understanding historical events and themes. Attainment of Po and Co Evaluation

Department of History, H.N.B.P.G.College, Khatima

Introduction to History, Definition, Nature and Scope of History as a subject.

distoriography schools of historical writing, major historians, their contributions and different approches to historical

Hey-Ba

Ancient civilization:study of major ancient civilizations such as the Indus Valley civilization, Mesopotamia, Egypt, China, Greece and Roma.

Medieval History: The rise and fall of medieval, the Islamic caliphates and the medieval european kingdoms.

Modern History: The Industrial Revolution, The Age of Exploration, the rise of colonialism and the emergence of Latin states and their impact on world history.

Each of these topics will be covered in depth during the course, including the political, economic and social and cultural aspects of each era. The syllabus of may also include primary sources reading core studies and research to deepen student understanding historical events and themes.

a Kant Mishra rofessor History

## H.N.B. Govt. P.G. College, Khatima (U.S. Nagar) Uttarakhand

## **Department of Chemistry**

#### Attainment of POs and COs : -

- 1. *For timely completion of syllabus*, faculty members strictly followed the time table.
- For up-gradation of weak learner to advance Learner students were guided regularly by faculty members, after the evaluation of internal assessment, their performance in class-test and laboratory exercises
- 3. Some part of syllabus completed through online group discussion and lectures delivered by faculty members to the students.
- 4. For weak learners, remedial classes provided, as result of this, they enhance their knowledge status.
- 5. The perfect results are being expressed among the students as they are preparing themselves for higher study like PhD, Industrialist and Pharmacologist etc.

विभागाध्य रसग्यन विज्ञान विभाग

रसग्यन विज्ञान विभाग ह०न०ब०रा०स्नातकोत्तर महाविद्यालय खटीमा (ऊधम सिंह नगर)