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College Code : 878
AISHE CODE : C-41899

AAER's
ASIAN COLLEGE OF SCIENCE & COMMERCE
(Affiliated to Savitribai Phule Pune University & Approved by Govt. of Maharashtra)

ACCREDITED BY NAAC WITH "B+" GRADE and Recognised Under UGC 2(f)

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Estd : 2007

(Non Aided College)

Attainment Strategy for Program Outcomes (POs) and Course Outcomes (COs)

The Asian College of Science and Commerce has implemented an effective assessment framework to ensure that students achieve comprehensive attainment of Program Outcomes (POs) and Course Outcomes (COs) within the Bachelor of Arts program. The college employs various assessment strategies to measure students' achievement of learning objectives in alignment with the rigorous academic standards of Savitribai Phule Pune University (SPPU). To attain Program Outcomes (POs), the college uses end-semester examinations administered by the university with 70% weightage and internal examinations conducted by the college with 30% weightage. Internal assessments encompass diverse methods, including written examinations, quizzes, presentations, projects, tutorials, or oral examinations, ensuring a comprehensive evaluation. Throughout the semester, various methods, such as quizzes, assignments, presentations, or oral examinations, provide continuous feedback and gauge students' progress. Practical journals documenting students' work on projects, case studies, and assignments promote practical application, research skills, and real-world analysis.

The college also provides opportunities for industrial visits and practical training in business settings to enhance industry relevance. Assignments integrating knowledge from multiple courses foster critical thinking, propose solutions to complex problems, and showcase holistic learning and problem-solving abilities. Oral presentations assess students' communication skills and ability to articulate ideas effectively, enhancing presentation abilities and overall communication proficiency.

To attain Course Outcomes (COs), the college adopts specific assessment methods tailored to each course, including structured examinations, practical assessments, projects and assignments, industrial visits, practical training, oral presentations, and continuous evaluation methods such as quizzes, project milestones, and progress checks.

By integrating these diverse assessment strategies aligned with both Program Outcomes (POs) and Course Outcomes (COs), the college ensures that students in the B. Com program can demonstrate a deep understanding, practical application, critical thinking, effective

communication, and mastery of knowledge and skills essential for their academic and professional growth.

Mapping students' performance requires a balanced approach considering internal assessments and end-semester examinations. The college has implemented a grading system that divides the marks between internal assessments and end-semester examinations, with 30% allocated for internal assessments and 70% for end-semester examinations. This distribution helps comprehensively evaluate students' understanding, progress, and performance throughout the academic term.

The 30% allocated to internal assessments encompasses various factors to reflect a student's overall performance. These assessments evaluate a student's knowledge, skills, and application of concepts across different dimensions of the course. Factors considered in the internal assessment may include class participation, quality, accuracy, and timeliness of assignments submitted, completion and presentation of projects, performance in quizzes, unit tests, and mid-term exams, as well as regular attendance, punctuality, and engagement in class activities and discussions. The internal assessment marks provide a comprehensive evaluation of a student's performance beyond just the end-semester examinations, allowing for a more nuanced understanding of their strengths, areas for improvement, and overall academic progress.

On the other hand, the 70% weightage assigned to end-semester examinations ensures that students' knowledge and understanding of the entire course curriculum are rigorously tested. These examinations typically cover many topics and require students to demonstrate in-depth comprehension, critical thinking, and problem-solving skills and apply theoretical concepts to real-world scenarios.

The college strives to provide a fair and precise evaluation of students' academic abilities by adopting a balanced assessment approach. This approach ensures that students have sufficient opportunities to demonstrate their knowledge, skills, and application of concepts in diverse ways, thereby promoting a comprehensive evaluation of their academic progress.

Attainment of COs & POs

What is an OUTCOME?

Course Outcomes describe what a student can do or demonstrate after successfully completing a course and earning a passing grade and credit. These are also known as Learning Outcomes or Student Outcomes, and in the NBA (National Board of Accreditation), we refer to them as Course Outcomes (COs). It is important to note that COs emphasize the application of knowledge acquired in the course by a successful student rather than just the knowledge itself.

PROGRAM OUTCOMES (POs)

How do our students achieve their learning goals? They do so through a curriculum with courses with specific Course Outcomes (COs), teaching, learning, and assessment. How do we measure and ensure our students meet these learning goals? We assess their attainment of both the Course Outcomes (COs) and Program Outcomes (POs). And finally, how do we continue to improve? The COs and POs' assessment results can facilitate continuous quality improvement (CQI) and close the loop on any areas needing further development.

PROGRAM OUTCOMES

The NAAC guided the affiliating colleges to follow the program outcomes defined by the NBA. Accordingly, we have prepared our strategy for attaining COs and Pos in the streams we offer students.

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to solve complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems, reaching substantiated conclusions using the first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and system components or processes that meet the specified needs, appropriately considering public health and safety and cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods, including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.
8. Ethics: Apply ethical principles and commit to the professional ethics, responsibilities, and norms of engineering practice.
9. Individual and team work: Function effectively as an individual and as a member or leader in diverse teams and multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as comprehending and writing effective reports and design documentation, making effective presentations, and giving and receiving clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work as a team member and leader, managing projects and working in multidisciplinary environments.
12. Lifelong learning: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Course Outcomes: (COs)

We assist in designing and detailing courses based on a curriculum. This includes syllabus descriptions, prerequisites, credits (L-T-P-C), recommended textbooks and reference materials, question banks, content details of units, lesson plans, and assessments. Implementing a course involves teaching, learning, and assessment through quizzes, assignments, and exams. It's essential to align these three components constructively and ensure that course outcomes drive assessment. In turn, these drives teaching and learning. Course outcomes are central to outcome-based education (OBE), which is transformational.

Assessment of attainment of Outcomes: (COs & POs)

At our college, our teachers set clear learning objectives, evaluate student performance, conduct assessments for program outcomes, participate in in-program assessments, and track individual student progress. We utilize a CO-PO matrix to measure the contribution of course outcomes to program outcomes and provide feedback to drive continuous improvement efforts. Our teachers receive ongoing professional development opportunities to improve student outcomes.

The subject-wise Program Outcomes (POs) and Course Outcomes (COs) mapping are below.

Programme Outcome for B.A.

Faculty – Arts / Humanities / Social Sciences

- Students acquire knowledge of concerned subjects such as History, Geography, Political Science, Economics, Languages, etc.
- Students comprehend the basic concepts, theories, and fundamental principles of different subjects.
- Written articles, novels, and stories develop moral and ethical values among the students.
- Literature creates mental, moral, aesthetic, and intellectual development of students and makes them a responsible citizen
- Understood how issues in social science influence literature and how literature can provide solutions to social & economic issues.
- Students understand that the study of language, literature and social science help them to make a better and responsible citizen of the society.
- Participated in various extracurricular activities voluntarily.
- Emerged as a multifaceted personality who is self-dependent; earning his bread and butter and creating opportunities.
- Realized that the pursuit of knowledge is a lifelong process and in combination with untiring efforts and a positive attitude are necessary qualities for leading a successful life.
- Developed various skills such as LSRW, Comprehension, Knowledge, etc., which will help them express ideas and views clearly and effectively

Programme Specific Outcome (PSOs)

Programme Specific Outcomes (Geography)

- Students understand the landforms and processes.
- Students comprehend the structure, and composition of different spheres of the earth and its Atmosphere.
- Comprehend the importance of oceans, rivers, and water and find ways of their conservation.
- Students cope with the Functions and types of Biogeography.
- Understand the science of Remote Sensing.
- Apply GIS & GPS software.

Programme Specific Outcomes (Political Science)

- Understand the basic information of the Indian constitution.
- Knows the Indian Democratic Process and its pillars.
- Introduces various social movements in Maharashtra.
- Understand the Rural and Urban Local Administration.
- To know the Policy formation in India.
- Analyses the new Trends in Management.

Programme Specific Outcomes (English)

- Students will acquaint themselves with the global language
- Students' communication and professional skills will be improved.
- Students' literary skills will be developed.
- Students listening, reading, and writing skills developed
- Students will employ the knowledge of literary traditions to produce imaginative writing
- Students will understand the various theories and concepts of English literature.
- Students learn the history and culture of the English language.

Programme Specific Outcomes (Economics)

- Define the nature and concept of the Indian economy.
- Understand the supply and demand concept in economics.
- Comprehend the nature and scope of international business.
- Visit to various financial institutions.
- Employment generation in the share market, competitive exams, agriculture, and corporate institutions