

## **Policy document for measuring attainment of Course outcomes, Program Specific outcomes, Program outcomes**

- At the beginning of each Academic year in-charges of departments should meet and review the Program Outcomes & Program Specific Outcomes and finalise the same keeping in view of the vision and mission of the college and Learning Outcomes based Curriculum Framework (LOCF) prepared by UGC.
- Program outcomes should be prepared for all the three faculties Science, Arts and Commerce available in the college. Program outcomes should describe what students are expected to know and would be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program.
- Program specific outcomes should be prepared for the specific Choice Based Credit System UG courses offered in the college. (B.A CBCS, B.Com, B.Sc Physical Sciences CBCS and B.Sc Life Sciences CBCS). Program Specific Outcomes should describe what the graduates of a specific program should be able to do.
- After finalization of Program outcomes (POs) and Program Specific Outcomes (PSOs), faculty members should prepare the Course Outcomes of the courses allocated to them in that particular Semester keeping in view of the college Vision & Mission, Program outcomes (POs) and Program Specific Outcomes (PSOs) and emerging trends in that course. The same are to be discussed and finalized in the departments.
- After approval of the Principal, Program outcomes (POs) and Program Specific Outcomes (PSOs) and Course Outcomes are to be placed in the College Website.
- All the faculty members should discuss & explain the same to their students at the beginning of the classes.

- Faculty members should plan & adopt suitable teaching methodologies to attain the predefined course outcomes among students.
- As the college is affiliated to Mahatma Gandhi University and has to follow the examination pattern for Internal & External examinations, all the faculty members should frame the internal question papers keeping in view of the predefined Course Outcomes ( COs).
- In each Semester, two internal examinations will be conducted in the college as per the pattern prescribed by the university. Average of two internal examination marks will be submitted to the University and the same will be included in the final grade of the students with 20 percent weightage. As such final grade of the students in a particular Course is considered to calculate the attainment of Course outcomes.
- Grades obtained by students in End Semester Examination conducted by the University will be converted into 10-point scale as follows and as the Semester Grade Point Average (SGPA), Cumulative Grade Point Average (CGPA) are being calculated by the University, the same can be utilized for student overall performance in all the courses. As the University adopted new grade system from 2019-20 the same should be adopted for 2019-20 batch students.

Conversion to 10 point Scale	
University Evaluation System Outcome	
Old Grade System	
O Grade	10
A+ Grade	9
A Grade	8
B+ Grade	7
B Grade	6
C Grade	5

Conversion to 10 point Scale	
University Evaluation System Outcome	
New Grade System	
A+	10
A	9
B+	8
B	7
C	6
C+	5
D	4

- The grades of all the students of a course are considered to evaluate attainment of course outcomes. It will be denoted by Course Outcome Index (COI) of a course. COI will be calculated as follows

Course Outcome Index (COI)

$$= \sum \frac{(\text{No. of students Secured grade}) \times (\text{Grade point on 10 point scale})}{\text{Total no. of students appeared the examination}}$$


- Course Outcome Index (COI) of all courses attached to a program will be considered to calculate Program Specific Outcome Index (PSOI) with due weightage as per the credits of each course.

$$PSOI = \sum \frac{(COI) \times \text{No. of credits of the course}}{\text{Total No. of Credits}}$$

- For calculating Program Outcome Index (POI), all PSOIs attached to it and the indices of other certificate courses and Sports and cultural activities will be considered.
- It is expected that 50% students should participate in Other Certificate Courses and 50% in Sports and Cultural Activities. Hence Other Certificate Courses Index (OCCI), Sports and Cultural Activities Index (SCAI) are defined on a 10 point scale as follows.  
Other Certificate Courses Index (OCCI)= Percentage of students enrolled in certificate courses ( rounded to next 10)/5 ( Max. 10)  
Sports and Cultural Activities Index (SCAI)= Percentage of students participated in Sports and Cultural Activities ( rounded to next 10)/5 ( Max. 10)
- In calculating Program Outcome Index, 80% weightage to PSOI and 10% weightage to OCCI, SCAI each will given as follows
- Program Outcome Index

$$(POI) = (0.8) \times \frac{\sum(PSOI) \times (\text{No. of students in specific program})}{\text{Total number of students in a program}} + (0.1) \times OCCI + (0.1) \times SCAI$$

The above indices POIs, PSOIs, COIs are to be reviewed after publication of university results and progress in the same is to be monitored.

  
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