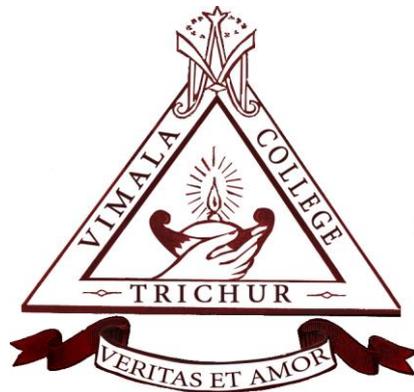


Vimala College (Autonomous)

Thrissur



OBE - CO PO PSO Mapping and Measurement of Attainment- Procedure



VIMALA COLLEGE (AUTONOMOUS), THRISSUR
KERALA 680009

Policy No.	VC/ Policy/ 22				
Policy Name:	OBE - CO PO PSO Mapping and Measurement of Attainment-Procedure				
Drafted by	Internal Quality Assurance Cell (IQAC) in consultation with respective Working Committee	Adopted:	2018-19	Revised:	2020-21
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Vimala College introduced Outcome Based Education since 2018. The College formulated Programme Outcomes (Pos), Programme Specific Outcomes (PSOs) and Course Outcomes (Cos) of all its academic programmes and courses. The college also follows Bloom's Taxonomy for outcome formulation, assessment and evaluation. The institution has developed a procedure to measure the attainment of course outcomes by students as given below:

The CO, PO, PSO attainment calculation for the undergraduate and postgraduate programmes is done using the direct and indirect method of evaluation. The indirect method involves Outcome Attainment Survey and the direct mechanism includes two components like internal component and course end semester exam mark. The internal component comprises of two internal exam marks, seminar or viva, assignment and attendance. For some courses the direct mechanism involves only course end semester exam mark. Each department can avail the marks for all these components from the Controller of Examination. The department committee chaired by the Head of the Department will construct a CO, PO, PSO mapping based on four parameters for each of their core courses, common courses, language and complementary courses. The mapping weightage is set on a four point scale with points 0,1,2 and 3. The four parameters encompasses components like explain, demonstrative, can be analysed and meet the requirement. The CO PO mapping of the language and complementary courses will be forwarded by the respective department to the other departments. The department committee can decide upon the CO PSO mapping of their respective courses according to the above four parameters. The departments generate the CO -PO and CO- PSO mapping of the



core courses mandatorily along with the course code and course title. It is the responsibility of the tutors to collect the exit survey of the outgoing batches. The questionnaire for the Outcome Attainment Survey consists of questions related to POs of UG and PG programmes of the college. The batch wise average of the average feedback score is converted to a percentage and mapped to a 4 point scale based on the following criteria:-

80% and above - 3

70% to 80% - 2

60% to 70% - 1

Below 60% - 0

Since all the internal and external component involves activity to all CO mapping, a maximum of 3 weightage will be assigned to each. The marks of the direct internal and direct external component of each student are converted to the 4 point grade scale based on the activity to CO mapping weightage. The final direct component comprises of 20% of the direct internal and 80% of direct external component. The final CO attainment comprises of 20% of indirect and 80% of direct component. The attainment level of PO and PSO is calculated based on the final CO attainment score and the weightage is set by the department in relation to their PO and PSO. The average attainment of PO and PSO of each student is calculated course wise, semester wise, year wise and programme wise. The statistical analysis of PO and PSO attainment will also be performed. The college sets the benchmark of



attainment for activity to CO, CO to PO and CO to PSO as 60%. Corrective measures will be taken for each of the courses that falls below the benchmark. This data will be analysed department wise and college wise and the report will be published in the website.



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