



## **Criterion II**

### **Teaching Learning and Evaluation**



#### **2.6.2 Attainment of Programme Outcome**





## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

### REPORT ON ATTAINMENT OF PROGRAMME OUTCOME

#### Under Graduate

The analysis was conducted to study the attainment of Programme Outcome, Programme Specific Outcome and Course Outcome of 2017-20 undergraduate batch of Vimala College (Autonomous), Thrissur. The Program-specific outcome analysis was not completed because of the lack of data availability. The rest of the two are analyzed and interpreted. Along with a specific analysis of the external and internal scores of the same batch, its interrelations are identified.

The average attainment of Programme Outcome at the institutional level is 71.61%, and an increasing trend is established in the attainment from the first to third year. Department of Commerce (Regular and Self), Physics and Functional English does not vary in the average attainment of PO over Years and Semesters. This means that these departments keep an approximately constant average PO attainment level over the years and Semesters. Department of computer science has the significantly same level of average PO attainment over the years but not in Semesters. All other departments have significantly different attainment levels at different years and semesters.

The average CO attainment at institutional level is 2.2117 (73.72%) out of 3. It is interesting to see that the attainment level increases year by year on a constant level. The semester-wise attainment level is also showing an approximately increasing trend. The test results show that only commerce (self) and mathematics departments have approximately similar CO attainment over the years, and at the same time, their scores vary over the semester. All other departments have different levels of attainment scores for CO.



  
PRINCIPAL IN-CHARGE  
VIMALA COLLEGE  
(AUTONOMOUS)  
THRISSUR - 680 009





## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

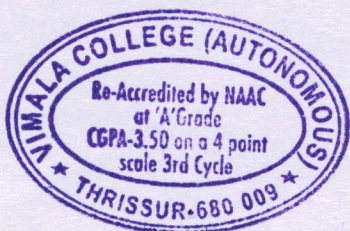
The average attainment of the external score at the institutional level is calculated as 2.05 (68.47%) out of 3. The attainment score increases slightly at each semester, and the same trend can be observed for year-wise average scores. Except for commerce (self), year-wise, all others have significant differences established.

The institutional level average internal score is 2.52 (84%) out of 3. It is also clear that the average internal score has an increasing trend. The same trend can be observed for the semester except for a slight fall in the second semester. The Commerce (Regular) department and economics department have approximately constant internal scores that were given to the students over semester and year. English department does not possess a difference in the average internal score over the years, and similarly, the English functional department does not have a significant difference in internal score. All other departments significantly differ in internal scores over years and semesters.

### Post Graduate

The average attainment of Programme Outcome at the institutional level is 75.58%, and an increasing trend is established in the attainment over the years and semesters. Department of Commerce, Economics, Home Science (ND), Physics and Sociology does not vary in the average attainment of PO over Years and Semesters. This means that these departments keep an approximately constant level of average PO attainment over the years and Semesters. Department of Botany (increasing), Chemistry (decreasing), Home Science (TXT) (recurring), Mathematics (decreasing), and Zoology (increasing) have a significantly different level of average PO attainment over semesters but the same over the years. Other Departments viz. Malayalam, Social Work and English show an increasing trend in PO attainment over years and semesters.

On average, the Course Outcome attainment at the institutional level is 2.3959 (79.86%). The average CO attainment shows a significant increasing trend over different semesters, but it doesn't have any significant changes based on years. One significant factor observed in the analysis is that the average attainment level is lower in odd semesters than even semesters. Specifically



  
PRINCIPAL IN-CHARGE  
VIMALA COLLEGE  
(AUTONOMOUS)  
THRISSUR - 680 009





## VIMALA COLLEGE (AUTONOMOUS), THRISSUR

considering, the Department of Commerce and Malayalam does not possess any significant change in average CO attainment over semesters and years. Department of Chemistry (recurring), Economics (increasing), Home Science (ND) (decreasing), Home Science (TXT) (recurring), Mathematics (recurring), Sociology (increasing), Zoology (increasing) and English (increasing) show significant changes over the semesters but not over the years. Department of Botany, Physics and Social Work shows an increasing trend over the years and semesters.

The average external score attained at the institutional level is 2.1872 out of 3. It was observed that the external score has an increasing trend over the years and semesters at the institutional level. Department of Commerce and Malayalam does not possess any significant change in average external score over semesters and years. Specifically considering, Department of Chemistry (recurring), Economics (increasing), Home Science (ND) (decreasing), Home Science (TXT) (increasing), Mathematics (recurring), Sociology (increasing), Zoology (increasing), and English (increasing) show significant changes over the semesters but not over the years. Department of Botany, Physics and Social Work shows an increasing trend over the years and semesters.

The average internal score attained at the institutional level is 2.6266 out of 3. It was observed that the internal score has no significant change over the years and semesters at the institutional level. Department of Economics, Home Science (ND), Physics and Sociology does not significantly change average external score over semesters and years. Specifically considering, Department of Chemistry (recurring), Home Science (TXT) (increasing), Malayalam (increasing), Mathematics (recurring), Social Work (recurring), and English (increasing) show significant changes over the semesters but not over the years. Department of Botany and Zoology shows an increasing trend over the years and semesters.



  
PRINCIPAL IN-CHARGE  
VIMALA COLLEGE  
(AUTONOMOUS)  
THRISSUR - 680 009