Department of Computer Science

EVALUATION OF ATTAINMENT OF COURSE OUTCOMS

METHOD OF EVALUATION

There are two methods of assessment of the attainment of POs and COs of the programmes:

1. Direct Method

2. Indirect Method

Direct methods are provided through examinations or observations of student knowledge or skills against measurable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on University examinations, Internal Exams, and home assignments.

Average Attainment in Direct Method :

The attainment of courses offered by department of Computer Science is evaluated on the basis of Internal and external Theory and Practical examination.

The college uses tests and examinations to measure the attainment of program outcomes and course outcomes. Compulsory tests, two assignments per course, Small Projects and final examinations are taken according to the schedule set by the university, which the institution strictly follows. Students are shown their answer books, made aware of their shortcomings and irrelevant elaborations, and advised on how to improve their answers. The answer books are evaluated, and marks are awarded. Discussion of important questions is held with the students prior to end semester examinations. Finally, the semester-end examination conducted by the affiliating university reflects the attainment gained by the students.

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ATTAINMENT OF COURSE OUTCOMES

The department of Computer Science adopts the following recommendations of the IQAC on the process of the attainment of COs which are given below:

S. No	Attainment Level	Testing Condition
1	**Level 0:**	**Less than 40 %** of the students scored more than the overall class average in the End Semester University Examination as well as Internal Assessment Marks.
2	**Level 1:**	**40-50** % of the students scored more than the overall class average in the End Semester University Examination as well as Internal Assessment Marks.
3	**Level 2:**	**50-60** % of the students scored more than the overall class average in the End Semester University Examination as well as Internal Assessment Marks.
4	**Level 3:**	**60% and above** of the students scored more than the overall class average in the End Semester University Examination as well as Internal Assessment Marks.

PROPOSED ATTAINMENT LEVEL: LEVEL 2

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BACHELORS OF SCIENCE (2022-23)

S. No	Semester	No. of students Appeared	No of students whose result is declared by university	Average Marks	No. of students who scored more than the average marks	Percentage	Level Attained
1	I	17	14	18.7	11	78.7	3
2	II	14	10	106	6	60	3
3	III	11	11	33	7	63.6	3
4	IV	11	10	105	5	50	2
5	V	12	12	53	7	58.3	2
6	VI	12	12	147	6	50	2

Average Attainment Level = Sum of level attained in all semesters/ Number of Semesters = 2.5

Thus the target attainment level is attained in the subject of Computer Science

BACHELORS OF SCIENCE (2021-22)

S. No	Semester	No. of students Appeared	No of students whose result is declared by university	Average Marks	No. of students who scored more than the average marks	Percentage	Level Attained
1	I	15	13	74	7	53.8	2
2	II	13	13	97.5	8	61.5	3
3	III	13	13	82	8	61.5	3
4	IV	13	13	114	10	77	3
5	V	4	4	77	1	25	0
6	VI	4	3	124	2	67.5	3

Average Attainment Level = Sum of level attained in all semesters/ Number of Semesters = 2.8

Thus the target attainment level is attained in the subject of Computer Science

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BACHELORS OF SCIENCE (2020-21)

S. No	Semester	No. of students Appeared	No of students whose result is declared by university	Average Marks	No. of students who scored more than the average marks	Percentage	Level Attained
1	I	15	13	68	8	61.5	3
2	II	13	13	131	5	38.4	0
3	III	4	4	71	2	50	2
4	IV	4	4	137	2	50	2
5	V	2	2	81.5	1	50	2
6	VI	2	2	147.5	1	50	2

Average Attainment Level = Sum of level attained in all semesters/ Number of Semesters = 1.83

Thus the target attainment level is not attained in the subject of Computer Science for this session.

BACHELORS OF SCIENCE (2019-20)

S. No	Semester	No. of students Appeared	No of students whose result is declared by university	Average Marks	No. of students who scored more than the average marks	Percentage	Level Attained
1	I	7	3	34	1	33	0
2	II	4	3	93	1	33	0
3	III	2	2	57	1	50	2
4	IV	2	2	125	1	50	2
5	V	4	4	41	2	50	2
6	VI	4	4	175	3	66.3	3

Average Attainment Level = Sum of level attained in all semesters/ Number of Semesters = 1.5

Thus the target attainment level is not attained in the subject of Computer Science for this session.

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BACHELORS OF SCIENCE (2018-19)

S. No	Semester	No. of student Appeared	No of students whose result is declared by university	Average Marks	No. of students who scored more than the average marks	Percentage	Level Attained
1	I	3	1	65	1	100	3
2	II	3	1	150	1	100	3
3	III	4	4	40	3	75	3
4	IV	4	4	116	3	75	3
5	V	4	3	47	2	66.7	3
6	VI	4	3	109	1	33	0

Average Attainment Level = Sum of level attained in all semesters/ Number of Semesters = 2.5

Thus the target attainment level is attained in the subject of Computer Science