Attainment of Course Outcomes

Describe the assessment processes used together the data upon which the evaluation of
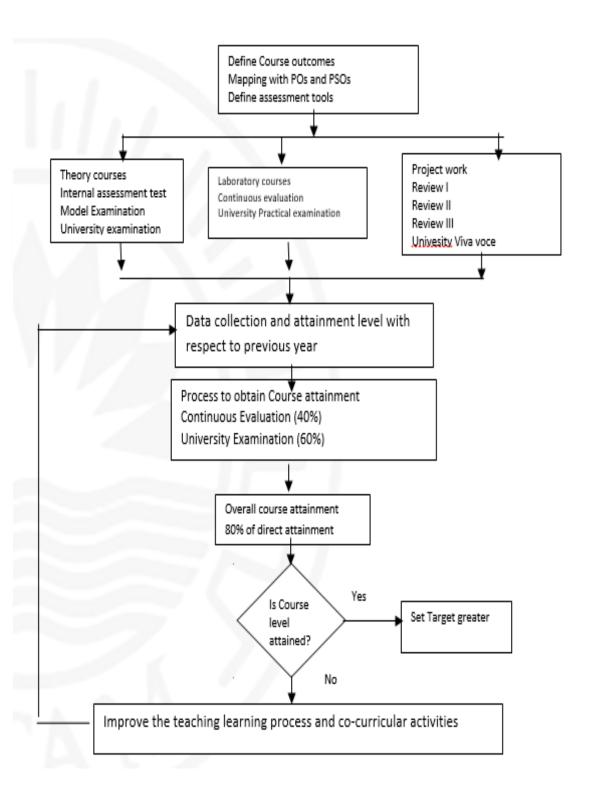
Course Outcome is based

A. **List of assessment processes**

The Department COs are defined through a consultative process taking the views of all the stakeholders, vision and mission of the department into account.

The steps involved in the process are as follows:

Step 1: Vision and Mission of the department, Graduate attributes prescribed by NBA.

Step 2: Views from all the stakeholders' viz., industry, management, parents, professional bodies & students and department review meetings.

Step 3: The accepted views are analyzed and reviewed to check the consistency with the vision and mission of the department.

Step 4: The definition of the COs evolved to be approved by the committee comprising of the Head of the Department, Professors and senior faculty members of the department.

Step 5: Redefinition of COs using the results obtained from the exit survey.

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┌─────────────────────────────────┐
│ Define Course outcomes          │
│ Mapping with POs and PSOs       │
│ Define assessment tools         │
└─────────────────────────────────┘
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┌──────────────────────────┐   ┌──────────────────────────┐   ┌──────────────────────────┐
│ Theory courses           │   │ Laboratory courses       │   │ Project work             │
│ Internal assessment test │   │ Continuous evaluation    │   │ Review I                 │
│ Model Examination        │   │ University Practical     │   │ Review II                │
│ University examination   │   │ examination              │   │ Review III               │
└──────────────────────────┘   └──────────────────────────┘   │ Univesity Viva voce      │
                                                               └──────────────────────────┘
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┌─────────────────────────────────────────┐
│ Data collection and attainment level with │
│ respect to previous year                  │
└─────────────────────────────────────────┘
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┌─────────────────────────────────────────┐
│ Process to obtain Course attainment       │
│ Continuous Evaluation (40%)               │
│ University Examination (60%)              │
└─────────────────────────────────────────┘
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┌─────────────────────────────────────────┐
│ Overall course attainment                 │
│ 80% of direct attainment                  │
└─────────────────────────────────────────┘
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        ◇
   Is Course              Yes     ┌──────────────────┐
   level         ──────────────►  │ Set Target greater │
   attained?                      └──────────────────┘
        │
        No
        ▼
```

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┌──────────────────────────────────────────────────────────────┐
│ Improve the teaching learning process and co-curricular activities │
└──────────────────────────────────────────────────────────────┘
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CO ATTAINMENT

DIRECT ATTAINMENT – 80%

VALUATION	ASSESSMENT TOOLS	CREDENTIALS	ASSESSMENT PERIOD
INTERNAL	Continuous Assessment tests, Assignments	Students Performance in IAT1, IAT2, IAT3 (MODEL)	Completion of Every Assessment Tests
EXTERNAL	University Semester Exam	Performance and credit secured by students	End of Every Semester

INTERNAL

Attainment Level 1: 60 – 69% students scoring more than 50 marks in the Internal Assessment

Attainment Level 2: 70 – 79% students scoring more than 50 marks in the Internal Assessment

Attainment Level 3: 80 – 89% students scoring more than 50 marks in the Internal Assessment

EXTERNAL

Attainment Level 1: 60 – 75% students scoring C and above grade

Attainment Level 2: 76 – 90% students scoring C and above grade

Attainment Level 3: 91 – 100% students scoring C and above grade

INDIRECT ATTAINMENT-20%

END OF COURSE SURVEY