

CAYM Education Trust's

SIDDHANT INSTITUTE OF COMPUTER APPLICATION

(Approved by AICTE New Delhi, Government of Maharashtra Recognised Savitribai Phule Pune University)

Add: At post-Sudumbare, Tal-Maval, Dist-Pune-412109, Ph:02114-661992

Email: siddhantical@gmail.com Website: www.siddhantica.in

Steps of attainment of CO- POs (2020 pattern syllabus)

1. Calculate CO attainment for each course of internal assessment
 - i. Consolidated for all Assessment methods (Direct & Indirect)
 1. PBA- Practical Based assessment
 2. TBA- Tutorial base assessment
 3. Mid Term
 4. SPPU Exam
 5. Indirect - Course Exit Survey
 - ii. Refer the below table for attainment level

| Criteria | Attainment Level |
|---|------------------|
| less than 50% having more than average marks | 1 |
| 50% or more students having more than average marks | 2 |
| 60% or more students having more than average marks | 3 |

- iii. Calculate CO attainment for each course of external assessment
2. Distribute these values proportionately (Strong - 3, Medium - 2, Low/Poor - 1) in CO-PO matrix of the respective course.
 3. Calculate final attainment for related PO.
 4. Calculate indirect assessment values based on Alumni Survey, Student Survey and Employer Survey.
 5. Calculate final Attainment value by considering Direct Assessment -80% and Indirect Assessment -20%.

Evaluation of Course Outcomes:

| Method | Tools for Assessment | % Contribution | |
|-------------------------------|--|----------------|-----|
| Direct (Internal+External) | Internal Exam including Internal Assessment | 30 | 80% |
| | External Examination | 50 | |
| Indirect | Course Exit Survey | 20% | |





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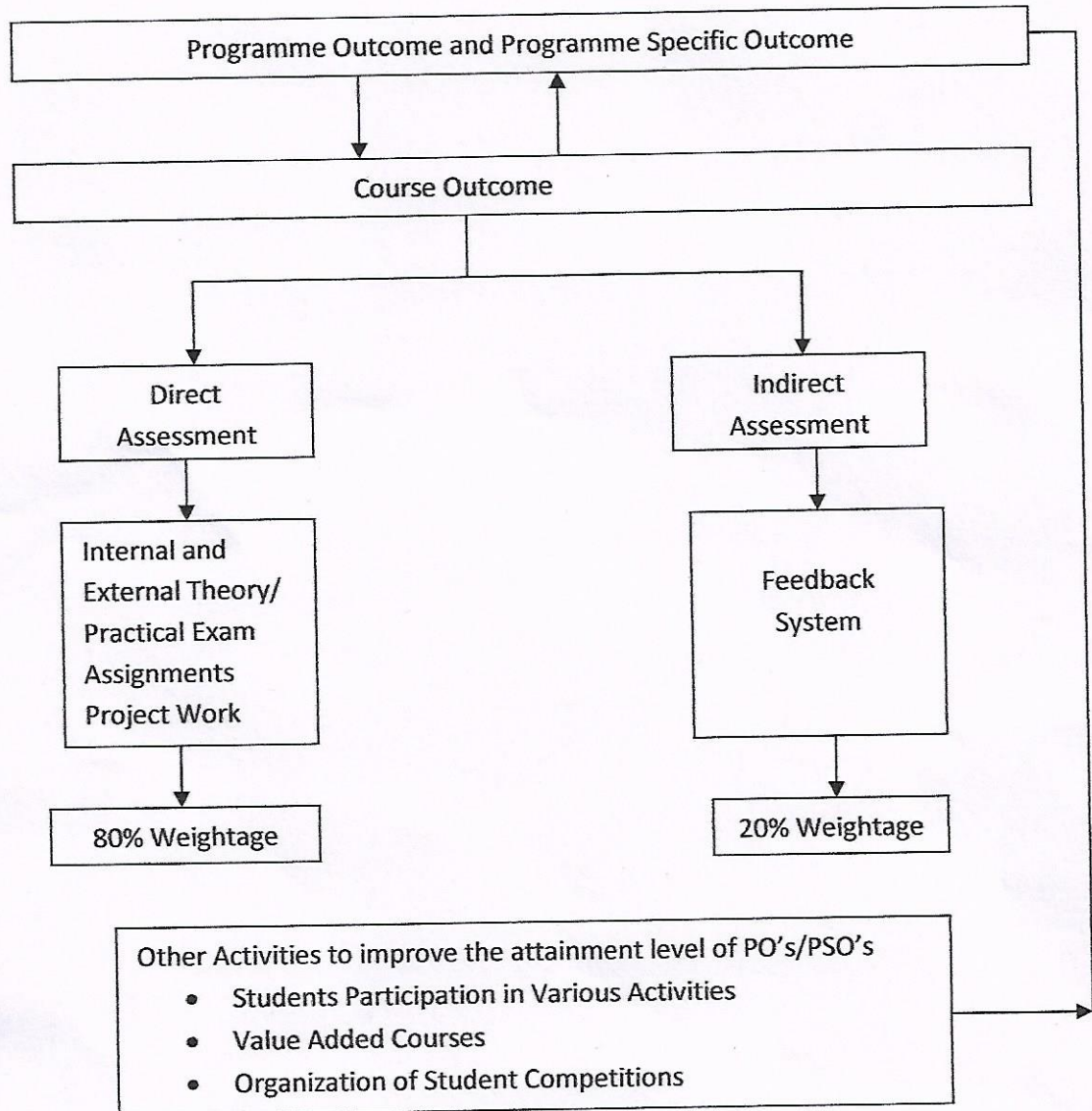
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MECHANISM OF COURSE OUTCOME PROGRAMME OUTCOME ATTAINMENT





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Evaluation of Attainment of Programme Outcomes:

| Method | Tools for Assessment | % Contribution |
|----------|---|----------------|
| Direct | PO Attainment of all courses(Average) | 80% |
| Indirect | 1. Programme Exit Survey 2. Alumni Survey 3. Employer Survey 4. Extracurricular activities | 20% |

IQAC Coordinator

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Director

Prof. Nitin Shirao

Director

Siddhant Institute of Computer Application
Sudumbare, Maval, Pune - 412109.



Course Exit Survey(OS)

1. Exam Seat No.

2. Student name

3. How far student the need of Operating System?

Mark only one oval.

- Excellent
- Very Good
- Good
- Satisfactory
- Poor

4. Degree of understanding the usage of different Process scheduling in order to increase the time utilization of CPU.

Mark only one oval.

- Excellent
- Very Good
- Good
- Satisfactory
- Poor



5. How far inter-process communication and associated techniques will make use of resources in efficient manner.

Mark only one oval.

- Excellent
- Very Good
- Good
- Satisfactory
- Poor

6. Usage of different techniques (Paging, Partitions and Segmentation) for better memory management.

Mark only one oval.

- Excellent
- Very Good
- Good
- Satisfactory
- Poor

7. How analyze the effective usage of different input and output devices with deadlock issues.

Mark only one oval.

- Excellent
- Very Good
- Good
- Satisfactory
- Poor



8. How we can optimize the usage of file system with access methods and directory structure. Case Study - Linux system.

Mark only one oval.

- Excellent
- Very Good
- Good
- Satisfactory
- Poor

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A handwritten signature in black ink, appearing to read "S. S. Shirsalkar". The signature is written over a horizontal line that has a small upward tick on its right end.

Director

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