

2.5.3 -IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in consider improvement in examination management system of the institution

Write description in maximum of 200 words

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S.No.	Discription	Department
S.V.U. College of Arts		
1	The Centre follows internal assessment and end-semester assessment including Viva-Voce for project. For the internal assessment of the students, their attendance, listening and seminar presentation followed by written exam will be considered. For the end-semester examinations the process from applying for the exam to obtaining the results will be done through online.	CWS
2	The department follows the university laid procedure for assessment of the students. The students have to continuously assessed through both internal assessment (IE) and End exam assessment (EE) by a laid-out procedure of assessment. The answers written on internal and end exams are assessed. And both individual student's performance as well as whole class room performance is being assessed. All this assessment calculation, releasing of the results are computerised for speedy, efficient and error free environment of examination management system.	Economics
3	Evaluation through written tests, seminars and assignments, Internal (20) and External (80) evaluation,Transparency and Redressal mechanism adopted ,Regular Assessment of faculty by students through IQAC and Self appraisal report of the Faculty	Hindi
4	The Department follows the examination system as adopted by the University. There are both internal assessment and semester end examinations. Two mid semester tests consisting of both short answer and essay type questions are conducted and the average marks of two tests are taken for internal assessment. At the end of every test, the evaluated answer scripts are returned to the students and their performance is evaluated suggesting improvements if needed. This enables the students to perform in a better way in the next test. Regarding semester end exams students Hall-Tickets and Results will be uploaded in University website.	History

5	☐ Internal Evaluation - 8 (each semester 2 spell 2x4 sems = 8) ☐ Semester-end evaluation - 4 (4 sems end exams) ☐ Evaluation of theory and practical papers by internal & external examiners ☐ Dissertation and Viva-Voce in Fourth Semester ☐ Internal marks are shown to students Redressal mechanism is taken care by Controller of Examinations (CE)	Law
6	☐ Internal Evaluation - 20 ☐ Semester-end evaluation - 80 ☐ Evaluation of theory and practical papers by internal & external examiners ☐ Dissertation and Viva-Voce in Fourth Semester ☐ Internal marks are shown to students Redressal mechanism is taken care by Controller of Examinations (CE)	Library Science
7	The Department follows the examination system as adopted by the University. There are both internal assessment and semester and examinations. Two mid semester tests consisting of both short answer and essay type questions are conducted and the average marks of two tests are taken for internal assessment. At the end of every test, the evaluated answer scripts are returned to the students and their performance is evaluated suggesting improvements if needed. This enables the students to perform in a better way in the next test. Regarding semester and exams students Hall-Tickets and Results will be uploaded in University website.	Philosophy
8	Every year there are new methods being introduced through information technology. The applications are made online and submission of them to made online. Only the practical tests of the APPCET being held physically. Webinars being held online and put on you tube so that students can have a revision as and when they want.	Physical Education
9	Evaluation through written tests, seminars and assignments, Internal (20) and External (80) Evaluation, Transparency and Redressal mechanism adopted ,Regular Assessment of faculty by students through IQAC and Self appraisal report of the Faculty	Urdu
S.V.U. College of Sciences		

10	The institution conduct its examination system open for modifications and thus strengthens it fromtime to time, ensuring the system fool proof and address the grievances of students, if any. Theinstitutional reforms in all the activities of the examination system are kept at par with the reformspushed by the UGC for Environmental Science. The following significant reforms were conducted in the Examination system. • Credit system was introduced for the benefit of the students. • Quizzes / Seminars/Internal Assessmentand Project works are made part of evaluation. • Continuous Internal Assessment (CIA) includes Mid examinations twice in a semester for each course, periodical assignments/tests/quizzes etc. to keep the students meaningfully engaged with the subject content throughout the semester.	Environmental Science
11	Evaluation through written tests and practical examination, seminars and assignments, Internal (20) and External (80) evaluation, Transparency and Redressal mechanism adopted, Regular Assessment of faculty by students through IQAC and Self appraisal report of the Faculty.	Psychology
S.V.U. College of Commerce, Management and Computer Science		

12	Follows an objective, comprehensive, student-centered and credible Examination Management System ensuring the integrity of the Institution. The Examination pattern consists of two components, namely, Continuous Internal Assessment (CIA) and ExternalEnd Examination (EEE). The performance of the students is assessed for 100 marks in each course through CIA and EEE. IT Integration and Reforms: The Office of the Controller of Examinations integrated the Information Technology in the management of Examination System. Mark entry, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results are automated. Challan for the payment of Examination fee and hall tickets are computer-generated. The staff can login to the portal of the Controller of Examinations for downloading their hall tickets. Outcome Based Education: The curricula of different programmes have been incorporated in the Outcome Based Education (OBE) structure and the evaluation pattern has also been modified accordingly. It helps the Institution in terms of assessing different levels of knowledge of the learners based on the Revised Bloom's Taxonomy. This structure facilitates adopting required changes in the teaching and learning process and also knowing the outcome levels of the learners in the evaluation process. The front page of the answer scripts was redesigned according to the pattern. Methods of Evaluation: Two Continuous Internal Assessment Tests (CIA) are conducted in a semester for 30 marks each. Question Papers of Summative Examinations are set by External Examiners and scrutinized by the Chairperson of the respective Board of Examinations. Double valuation is done at PG level both by the course teacher and the External Examiner. The results of the Summative Examinations are published within the period of three weeks after the completion of examination. Viva Voce, project and internship evaluationare parts of Summative Examinations. Supplementary Examinations: The conduct of the Supplementary Examination is a healthy practice of the Examination System allowing the outgoing students to clear a maximum of three courses in order to complete their programme within the stipulated time. Easy to Re-Evaluation of Answer Sheet 7. RTI link of evaluated AB available. The office of the Controller of Examinations maintains its constant touch through various meetings with the Office of the Vice-Chancellor, the Registrar, the Finance Officer and the Heads of various	Computer Science
S.V.U. College of Engineering		
13	Conducted B.Tech/M.Tech/P.hD Viva-Voce examinations in blended mode (online/offline).	Chemical Engineering

14	SVU has been continuously carrying out reforms in its examination procedure through integration of IT in all the procedures and processes of the examination system. The Office of the Controller of Examinations integrated the Information Technology in the management of Examination System. Mark entry, Grade, Percentage and Cumulative Grade Point Average (CGPA), preparation and analysis of results are automated.	Civil Engineering
15	The Examination process have been upgraded through the Jnanabhoomi Portal which under the maintenance of A.P. Government including Registration, Priority list, Generation of hall Tickets, Students Signature Statements, Seating Plan of all PG Courses such as MA/M.Sc. M.Com. The examination fee need to be paid to the University also be made through the Online System.	Controller of Examination

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In Outcome Based Education, assessment is carried out by the department to identify, collect, analyze and evaluate the data towards the achievement of Course Outcomes (CO). The course outcomes are assessed based on direct assessment tools. The direct method of assessment includes the performance of the students in all the relevant assessment tools – Continuous Internal Examination (CIE) like Internal Assessments (IA), Assignments, and Semester End Examination (SEE).

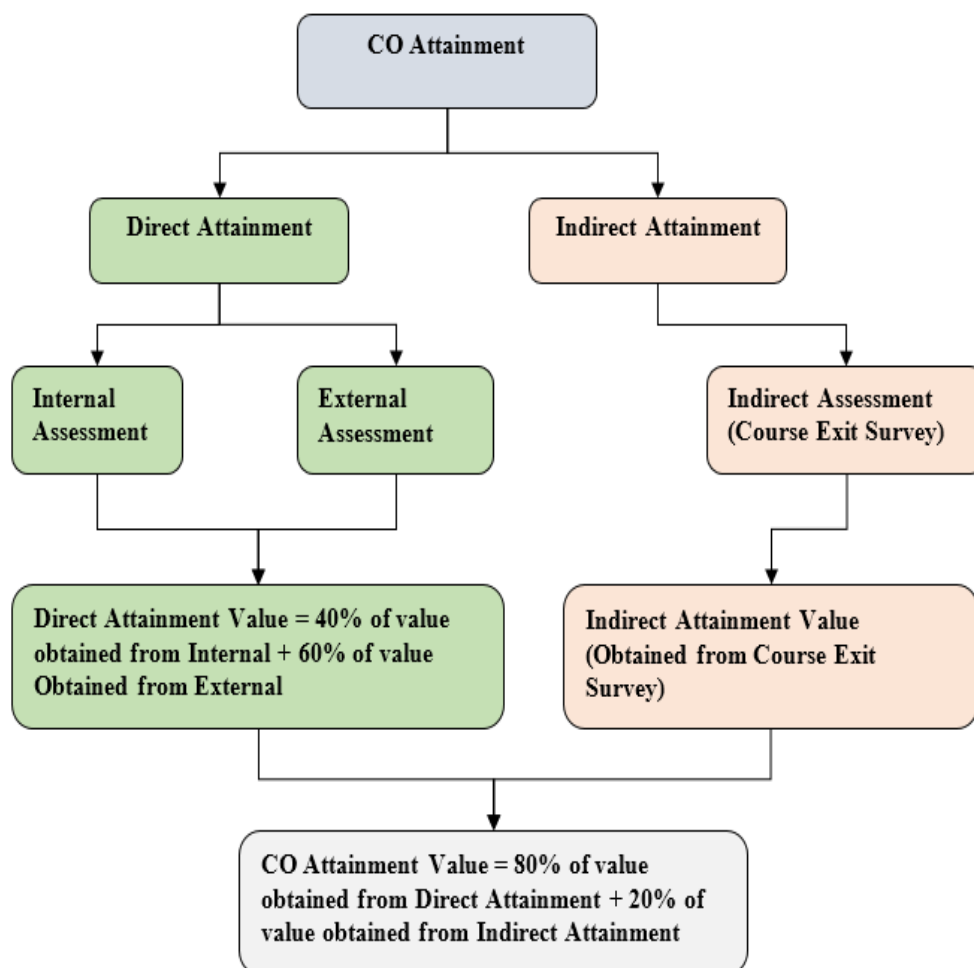


Figure 1 Assessment Tools

Tools used for measuring Direct Attainment

The method of assessment method includes:

- Internal Assessment(IA)
- Internal Laboratory Exam
- Seminars
- Mini Projects
- Project
- Internship
- Semester End Examination(SEE)
- Semester End Laboratory Examination

Table 1. Tools used in measuring

Assessment Tool Title	Tool Description
Internal Assessment	• The Department will conduct two continuous assessment tests according to the academic schedule in order to achieve the identified Cos. • Two tests are scheduled per course in a semester. • Questions in the question paper are mapped to COs. • 2 to 2.5 units of syllabus in each course should be completed before each test. • The two continuous assessment tests will be conducted for 40 marks for the duration of 2 hours. • The faculty will prepare the question papers for the respective course and submitted to Controller of Examinations well in advance. • The assessment process considers the marks scored in two Internal Assessment Tests. • Corrected scripts are distributed to students, and results are declared within a week after the completion of the internal tests.
Internal Laboratory Test	• To evaluate student's practical knowledge with their programming level capabilities, evaluation is done for every lab session. • The evaluation of courses done by the laboratory in-charge. • One lab internal assessment is done for the lab every Lab

	courses per semester. • Marks in each practical would be awarded for 40 Marks. • The strength of the students in using their skills and tools in the laboratory is also evaluated in external laboratory examinations.
Seminars	• It encourages students to express their knowledge properly • Each student choose one current topic and give seminar in given time. • It helps students in their placements.
Mini Project	• It provides an opportunity to students to plan, to organize and to demonstrate a project over a given period. • Students must identify a problem related to the field of computer science and carryout a mini project on the problem defined. • Reviews are conducted as per the schedule. • Marks are awarded based on the reviews and the report submitted.
Project	• Project batches are allotted to the guide(s) by the HOD based on the students area of interest or suggestions by the faculty. • Each batch consists of 3-4 students. Every group will be guided by a faculty (guide). • Reviews are conducted regularly by an allotted project guide. • Phase-I will be evaluated based the problem identification. Students are expected to clearly define the objectives, work plan and methodology with the support of literature survey and will be evaluated based on the design of the project. • The internal project guide will monitor the project students regularly for progress in the project work. • For project evaluation, assessment process considers the marks scored in reviews. • Semester End Examination Project Viva Voce is Conducted by the panel of external examiners deputed by the Principal. • External examiner along with Internal examiner will award the marks to the projects done by the students. • In phase-II, students should implement the selected project along with documentation. Students are instructed to submit the project report. It includes design as well as implementation process. Finally project evaluation will be done by taking Project Viva Voce. • The department encourages the students to showcase their

	skills by publishing the papers in Conferences and Journals.
Internship	• The industrial internship is arranged collaboratively by the department with the industry associates. • Certificate and student feedback are submitted to the Head of Department On completion of training a project report/ completion. • A presentation is made by every student on his/her Internship work before a panel constituted by HOD. This is followed by a viva to gauge the course outcome/programme outcome achieved.
Semester End Examination	• At the end of each semester, Semester End Examination is conducted for all courses. • Controller of examinations will schedule and execute the Semester End Examinations for each semester. This would be the metric for assessing whether the COs are attained or not. • Examinations are focused on attainment of course Outcomes using a descriptive exam. • The questions for this examination covers entire syllabus of the courses. The questions are mapped with the course outcomes. • For Semester End Examination, all assessments of a course will be done on marks basis. However, for the purpose of reporting the performance of a candidate, Letter grades are assigned.
Semester End Laboratory Examination	• To evaluate student's practical knowledge with their programming level capabilities, evaluation is done at the end of the semester. • The evaluation of courses done by the laboratory in-charge and external appointed by the principal. • Marks in each practical would be awarded for 60 Marks. • The strength of the students in using their skills and tools in the laboratory is also evaluated in external laboratory examinations.

The individual COs of the courses is mapped with correlation level and is being evaluated by prescribed assessment tools. The attainment of COs is compared with the set target attainment level. The CO is said to be attained if its attainment value is greater than or equal to set target attainment level. This is shown in the following Table 3.2.

CO Attainment	Weight age	Assessment Tools
CO Attainment	100%	40% of Internal Assessment [IA1 &IA2]

		60% of Semester End Examination (SEE)
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Table 2 .Calculation of CO attainment

Theory Course Evaluation

The distribution of marks for theory courses is as given in table below.

Table 3. Distribution of marks for theory courses evaluation

Assessment Tool	Maximum Marks	Marks Scaled to	Weight age
Internal Assessment - 1	20	20	40%
Internal Assessment - 1	20	20	
Semester End Exam	60	60	60%
Theory Total			100

Laboratory Course Evaluation

The distribution of marks for laboratory courses is shown in the following table.

Table 4. Distribution of marks for laboratory courses evaluation

Component of Evaluation	Internal / External	Marks	Weight age
Lab Continuous Assessment	Internal	40	40%
Internal Lab Test – 1			
Lab Experiment Write-up & Conduction	External	60	60%
Viva by External Examiner			
Lab Total			100

Calculating CO level for internal and External exams

As discussed above, the internal exam questions must be mapped to their CO's, this help us to list the marks obtained by students for CO in the below image

Calculating Final CO attainment for the subject:

Based on the level of CO obtained for internal and external from the above method the final CO attainment is calculated.

The level of COs are calculated in the below format.

For example: $CO1 = 0.4 \times 3 + 0.6 \times 2.94$
 $= 1.2 + 1.76$
 $= 2.96$

CO Attainment Level				
S.No	CO's Number	CIE	SEE	LEVEL
1	CO1	3	2.94	2.96
2	CO2	2.97	2.94	2.95
3	CO3	2.88	2.94	2.92
4	CO4	3	2.94	2.96
5	CO5	3	2.94	2.96
6	CO6	2.59	2.94	2.80

Tools used for measuring Indirect Attainment

Course Exit Survey

Indirect assessment of the course is done through Course Exit survey where the feedback is taken from the students about the course outcomes. The survey is in Questionnaire Format and Rating is done on a scale of 1-3 where, 1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High).