

UNIT



Evaluation

The project based EE syllabus consists of a core course and project work initiated at Class XI with the concerned teachers acting as facilitators. The teacher facilitator will assess the students based on the presentations on the core course, which comprises of major aspects of environmental concerns. The teacher concerned will keep a record of the assessment thus made. The teacher will also keep a record of the interactions of the other groups attending the seminar. This assessment made internally will carry 10 marks.

Thereafter the student will work on the selection of the project and development of the project proposal, which will be worth 10 marks and will be assessed internally. The student can start the work as per the project proposal in Class XI. The teacher concerned will monitor the progress of the project till its completion and assess the students for 15 marks. The student will produce a project report after the completion of the work. The project report will be assessed along with an external examiner in Class XII. This assessment will be for 5 marks.

The student will be further assessed for 10 marks through viva-voce conducted jointly by the internal and external examiner.

Therefore the assessment will be as follows:

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| Assessment of core components (Internal) | 10 marks at Class XI |
| Selection and development of proposals (Internal) | 10 marks at Class XI |
| Project work, Report (Internal + External) | 20 marks at Class XII |
| Viva-Voce based on the report (Internal + External) | 10 marks at Class XII |
| TOTAL | 50 Marks |

DETAILS OF ASSESSMENT

Assessment of the Core Components

As stated earlier, each class will be divided into seven groups and each group will be assigned one topic for presentation. The group, which presents the seminar paper, will be assessed for 4 marks, whereas the other groups for their interactions for 1 mark each. Accordingly each group will be assessed for 4 marks for the presentation and 1 mark each for interacting in the other six seminars, totalling to 10 marks.

Selection and Development of Project Proposals

The children will select a project which has some local relevance. The design of the project proposal in the form of project may include the following. The suggested assessment value is marked in parentheses.

(a) Objective and hypothesis: Based on any one of the routes adopted, the objectives of the study should be specified. (02)

(b) Rationale: This should give the need and justification of selection of the project. (02)

(c) Methodology: It should include different routes that will be followed to handle the project. (02)

(d) Development of tools: Relevant tools which may be an interview schedule, a questionnaire, a format for collecting information, a format for recording observations etc., should be finalised prior to the execution of the project. (02)

(e) Calendar of activities: Time schedule for different activities to be undertaken during the course of the project work should be drawn. (02)

* Testing of the tools: The tools should be finalised prior to its execution by actual testing.

Assessment values for selection and development of project proposals as mentioned above will be evaluated during Class XI.

Project Work and Project Report

The teacher facilitator will closely associate with the progress of the project. The teacher may keep a record of the gradual progress. The teacher will help redesign, reformulation of the tools, etc., if need be and help student to complete the project. In case the project is to be done by a group of students, the teacher will help in the distribution of the work and will guide appropriately for the writing of the project report (15 marks).

Writing of Report

On completion of the project work each student will develop a project report (combined with the report already evaluated in Class XI) in consultation with the teacher giving the details of the working procedure, the data or information collected, the analysis of the data and conclusion. In the group project, therefore, each student will submit report of the work that is done by her/him. The group will utilise the set of reports thus developed to produce the final report. This report will be assessed by the internal examiner along with the external examiner (5 marks).

Viva-Voce on Project Report

The complete report will elaborate on the selection and development of the project proposal as first part, and strategies and details of work as the second part. The external examiner along with the internal examiner will evaluate the student's project work based on the complete report through a formal viva-voce lasting not more than 10 minutes (10 marks).