

Moodle Departmental Structures & Hierarchical Formation

The Department has implemented an Online E-learning Moodle platform for the students and faculty. The link for the website is <https://cse-mitra.in>. The Moodle platform provides various interactive services for the academic monitoring and progress of the students.

The Moodle provides many interactive services for the easy learning.

- 1) Easy Study Material Circulation among the Students by the Faculty.
- 2) Mobile Application for Easy Access to Courses Contents.
- 3) Online Quiz and Assignment Submission
- 4) Discussion Forum
- 5) Grading
- 6) Moodle Instant Messages

In view of implementing the Moodle platform for the department, the department courses structures and Hierarchical Formation need to be created on the portal.

The department is having the capacity of 180 students per year and is split up into two parts I Shift and II shift.

The Moodle Structures and Hierarchical Formation is as follows for the ODD Semester 2020-21

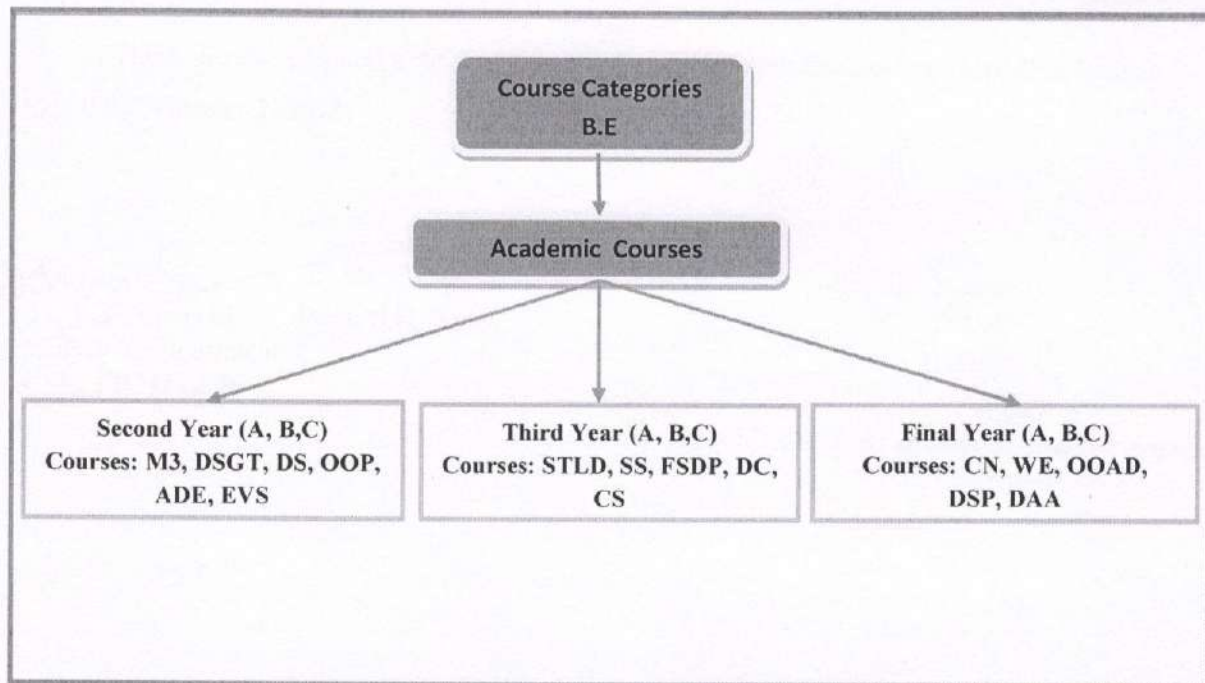


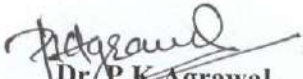
Fig 1: CSE Department Moodle Structures and Hierarchical Formation

The above structures have been created in order to get the students, the contents of the all the Faculty teaching same course that will help in the overall development of the students.

The Following Activities are planned on the Moodle platform for the Admin and faculty.

Sr. No	Activities	Role
1	Student and Faculty registration on the portal according to cohort id	Admin(Moodle Coordinator)
2	Creating the hierarchical structure for the department.	Admin(Moodle Coordinator)
3	Adding the subjects of the upcoming even semester	Admin(Moodle Coordinator)
4	Assigning the teacher and students to the particular courses and year.	Admin(Moodle Coordinator)
5	Departmental Moodle awareness workshops for the departmental faculty and students.	Admin(Moodle Coordinator)
6	Uploading the study material for the courses/subject.	Subject Teacher
7	Uploading the Quiz for the particular subject.	Subject Teacher
8	Evaluating the Quiz result	Subject Teacher
9	Overall Analysis of the semester	Admin(Moodle Coordinator)

These are the planned activities that need to be implemented on the Moodle platform for the ODD Semester 2020-21.


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Analysis Report of Moodle Platform for Odd Session 2020-21

The Analysis of the Moodle e-learning platform is essential for finding out the effectiveness and usability among the students and faculty to upgrade the features and to solve any problems that are identified by using it.

The Department has planned the following activities at the start of the Odd Session 2020-21 on the Moodle platform for the Admin, faculty and students.

Sr. No	Activities	Role
1	Student and Faculty registration on the portal according to cohort id	Admin (Moodle Coordinator)
2	Creating the hierarchical structure for the department.	Admin (Moodle Coordinator)
3	Adding the subjects of the upcoming even semester	Admin (Moodle Coordinator)
4	Assigning the teacher and students to the particular courses and year.	Admin (Moodle Coordinator)
5	Departmental Moodle awareness workshops for the departmental faculty and students.	Admin (Moodle Coordinator)
6	Uploading the study material for the courses/subject.	Subject Faculty
7	Uploading the Quiz for the particular subject.	Subject Faculty
8	Evaluating the Quiz result	Subject Faculty
9	Overall Analysis of the semester	Admin (Moodle Coordinator)

The above activities were completed successfully and the students have effectively used the portal for the e-learning. The effectiveness of the courses has been examined based on the three analytics report.

- 1) **Course Activity Report:** A course activity report shows the number of views for each activity and resource (and any related blog entries), that are created for the course.
- 2) **Course Content Access Report:** A Course Content access report shows that which users have accessed many different resources that are available for the course.
- 3) **Quiz/ Test Marks:** It shows the Grades marks of the students of the conducted test on the particular topic of the course.

The report for all the courses have been generated and examined in order to test the effectiveness of the portal. (Detailed Report of all courses are attached in Dept File)

The course reports for all the courses very analyzed and following conclusions are drawn from the report.

- 1) Most of the students and faculty are acquainted to the e-learning portal (conclusion drawn from the Activity Report, course content access report)
- 2) Faculties are finding an easy and effective ways of communicating with the students. (conclusion drawn from the Activity Report)
- 3) The students grades analysis report are generated and effective results are observed. (Quiz/ Test Report).
- 4) The future plan is to implement and uses different plugins for making evaluation of courses on various other parameters.


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Enclosure:

The Analytics Report for one subject is given below:

Course Name: Data Structure

- Course Activity Report
- Course Content Access Report
- Quiz

Analysis Report of Moodle Platform for Even Session 2020-21

The Analysis of the Moodle e-learning platform is essential for finding out the effectiveness and usability among the students and faculty to upgrade the features and to solve any problems that are identified by using it.

The Department has planned the following activities at the start of the even Session 2020-21 on the Moodle platform for the Admin, faculty and students.

Sr. No	Activities	Role
1	Student and Faculty registration on the portal according to cohort id	Admin (Moodle Coordinator)
2	Creating the hierarchical structure for the department.	Admin (Moodle Coordinator)
3	Adding the subjects of the upcoming even semester	Admin (Moodle Coordinator)
4	Assigning the teacher and students to the particular courses and year.	Admin (Moodle Coordinator)
5	Departmental Moodle awareness workshops for the departmental faculty and students.	Admin (Moodle Coordinator)
6	Uploading the study material for the courses/subject.	Subject Faculty
7	Uploading the Quiz for the particular subject.	Subject Faculty
8	Evaluating the Quiz result	Subject Faculty
9	Overall Analysis of the semester	Admin (Moodle Coordinator)

The above activities were completed successfully and the students have effectively used the portal for the e-learning. The effectiveness of the courses has been examined based on the three analytics report.

- 1) **Course Activity Report:** A course activity report shows the number of views for each activity and resource (and any related blog entries), that are created for the course.
- 2) **Course Content Access Report:** A Course Content access report shows that which users have accessed many different resources that are available for the course.
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The report for all the courses have been generated and examined in order to test the effectiveness of the portal. (Detailed Report of all courses are attached in Dept File)

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- 2) Faculties are finding an easy and effective ways of communicating with the students. (conclusion drawn from the Activity Report)
- 3) The students grades analysis report are generated and effective results are observed. (Quiz/ Test Report).
- 4) The future plan is to implement and uses different plugins for making evaluation of courses on various other parameters.


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Enclosure:

The Analytics Report for one subject is given below:

Course Name: Operating System

- Course Activity Report
- Course Content Access Report
- Quiz