What is Moodle?

Moodle is a Learning Management Systems (LMS). LMSs are software systems designed to add to traditional learning methods in order to enhance the learning experience of users. Moodle runs as an interactive website with a number of features and activities designed to engage learners and promote collaborative, student-centered learning.

Getting Started

On the Moodle Home page you will find …

Logging In.

Moodle is basically a web site like any other and is therefore available wherever there is an internet connection. To get to the Moodle website open your web browser and go to:

http://elearning.iirs.gov.in

This will take you to the Moodle home page (Figure 1).

Fig. 1: Provide a screenshot of the login page.

Log in using the user id and password provided to you.

Once you have logged in you will be taken to your Home page (Figure 2).

This page will contain a list of your courses.

Fig. 2: Provide a screenshot of the Home page.
Under My courses you will see the courses allotted to you. To access the course, click on the topic link. This will take you to the menu of the course, which includes three parts, namely, Theory, Practical and Assessments. Click the unit name you want to navigate.
Image Processing is a multidisciplinary concept model wherein statistical concepts are used. This unit will introduce you to some basic statistical concepts used in image processing.
Theory
- Statistical Image Processing
- Basic Statistical Concepts
- Measures of Central Tendency
- Statistical Measures
- Least Square Analysis
- Concept of Probability
- Probability Distributions
- Random Processes
- Suggested Readings

Practical
- Introduction to R Software
- Measures of Central Tendency, Correlation, Covariance & Multivariate Statistics
- Descriptive, Least Square Analysis & Probability Distributions

Assessment
- Answer Sheet
Suppose that you own an IPL cricket team and these are your players. Did you get a young team?