

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.

The screenshot displays the user interface of the IIRS e-learning portal. On the left, a navigation sidebar includes sections for 'My home', 'IIRS', 'My profile', and 'My courses'. The 'My courses' section is expanded, showing a list of course topics such as 'IIRS_P1_ImageStatistics_11', 'Image Statistics_28Nov13', 'Basics of Remote Sensing_24Oct13', 'Photogrammetry and Cartography_12Nov13', 'Digital Image Processing_27Nov13', 'Geographical Information System_07Nov13', 'Global Navigation Satellite System_28Nov13', 'Customisation of Geospatial Tools_30Oct13', and 'Applications of Geospatial Technologies_28NOV13'. An arrow points to the 'IIRS_P1_ImageStatistics_11' link. The main content area features a 'Dear Participants,' greeting, a welcome message, and detailed information about the IIRS outreach program, including its history and the types of courses offered. A 'Settings' button is visible at the bottom of the sidebar.

Page Layout


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.

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IMAGE STATISTICS

- Theory
 - Statistics for Image Processing
 - Basic Statistical Concepts
 - Measures of Central Tendency
 - Statistical Methods
 - Least Squares Analysis
 - Concept of Probability
 - Probability Distributions
 - Bayes Theorem
 - Suggested Readings
- Practical
 - Introduction to R Software
 - Measure of Central Tendency, Correlation, Covariance & Multivariate Statistics
 - Regression, Least Square Analysis & Probability Distributions
- Assessments
 - Assessment



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Indian Space Research Organisation
Department of Space, Government of India



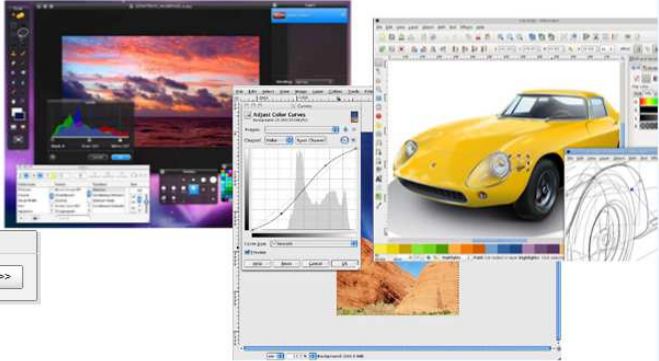
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IIRS Outreach E

IMAGE STATISTICS

Statistics for Image Processing

Image Processing is a multidisciplinary concept model wherein **statistic**



Navigation: << < > >>

This unit will introduce you to some basic statistical concepts used in image processing.

100%

- Theory
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- Assessments
 - Assessment

You are logged in as SME1 IIRS (Logout)
[IIRS_P1_ImageStatistics_10012014](#)

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 **Allocated Time** 00:01:32 **Actual Time** 00:00:08 **Search**

IIRS Outreach E-learning Education Program

IMAGE STATISTICS **Statistics for Image Processing**

Suppose that you own an IPL cricket team and these are your players.
Did you get a **young team**?

 Player A Age: 20	 Player B Age: 21	 Player C Age: 22	 Player D Age: 23	 Player E Age: 35	 Player F Age: 40
	 Player G Age: 45	 Player H Age: 35	 Player I Age: 35	 Player J Age: 40	 Player K Age: 45

Navigation: << < > >>

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