



UNIVERSITY OF RUHUNA
Centre for Multidisciplinary Studies and Research
Hambanthota

Offered Faculty: **Faculty of Engineering**

Offered Department: **Department of Civil and Environmental Engineering**

SHORT COURSE ON COMPUTER AIDED PROJECT PLANNING

OBJECTIVES

Short Course on project planning using Microsoft Project Software with a view to provide the best understanding of computer based project planning for practicing engineers from the government and private sector organizations within the southern region (particularly from Galle, Matara and Hambanthota Districts). Lecturers having wide experience in teaching the related theories and software will conduct the training course.

Even though Microsoft Project Software is not a new one, still computer aided project planning is alien to many of the engineers. Also preparing of schedules is done at head office and site level engineers do not have chance to exposure for that phase.

With this background this short course is designed to provide a wide knowledge about planning phase with sophisticated software.

At the end of the course, participants are required to prepare a plan for a selected project.

- To provide basic theoretical knowledge of project planning
- To introduce project planning software for planning scheduling and controlling in construction Management
- To create an awareness of the constraints and difficulties in planning process
- To familiarize with the Microsoft Project software
- To provide knowledge of optimizing resource and sharing resources
- To provide knowledge of project planning using earned value management

LEARNING OUTCOMES

At the end of the course, the participants would be well aware of preparing project plans and schedules in attractive manner while knowing how to handle available resources for the completion of the project.

RESOURCE PERSONS

The details of the staff members involved in this short course program are as follows.

Resource persons: Mrs. S.N. Malkanthi

OUTLINE OF SYLLABUS

Day	Module Content
Day 1	<ul style="list-style-type: none">• Introduction of Microsoft Project software• Activity entering, grouping, and Work Breakdown Structure• Setting calendars and entering Durations for activities• establishing various activity relationships• Resource allocation, levelling and smoothing

Day 2	<ul style="list-style-type: none"> • Sharing resources for multiple projects • Generating critical paths • Entering and viewing financial information of projects. • Earned value analysis
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TARGET GROUP

Participants: Maximum number of 25 participants will be enrolled for this short course consisting engineers with B.Sc Engineering Degree or relevant equivalent qualification accepted by Faculty of Engineering.

ELIGIBILITY REQUIREMENTS

Equivalent qualification acceptable by the Faculty of Engineering, University of Ruhuna.

DURATION/DATES

2 Days (when minimum number of applicants reach to 20) from 8:30 am to 4:30 pm at CMSR, Hambantota. Hands-on training sessions for individuals (each individual is provided with a computer) with expert assistance will be conducted in the Computer Center.

CERTIFICATE

Candidates will be awarded with University approved certificate upon successful completion of the programme.

MEDIUM

English.

COURSE FEE

Rs. 15,000/=(Including course material and refreshments during the course)

APPLICATION

Download from University web site, Centre for Multidisciplinary Studies and Research at Siribopura, Hambantota or Distance and Continuing Education Unit, University of Ruhuna, Welamadama, Matara.

FURTHER DETAILS

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