



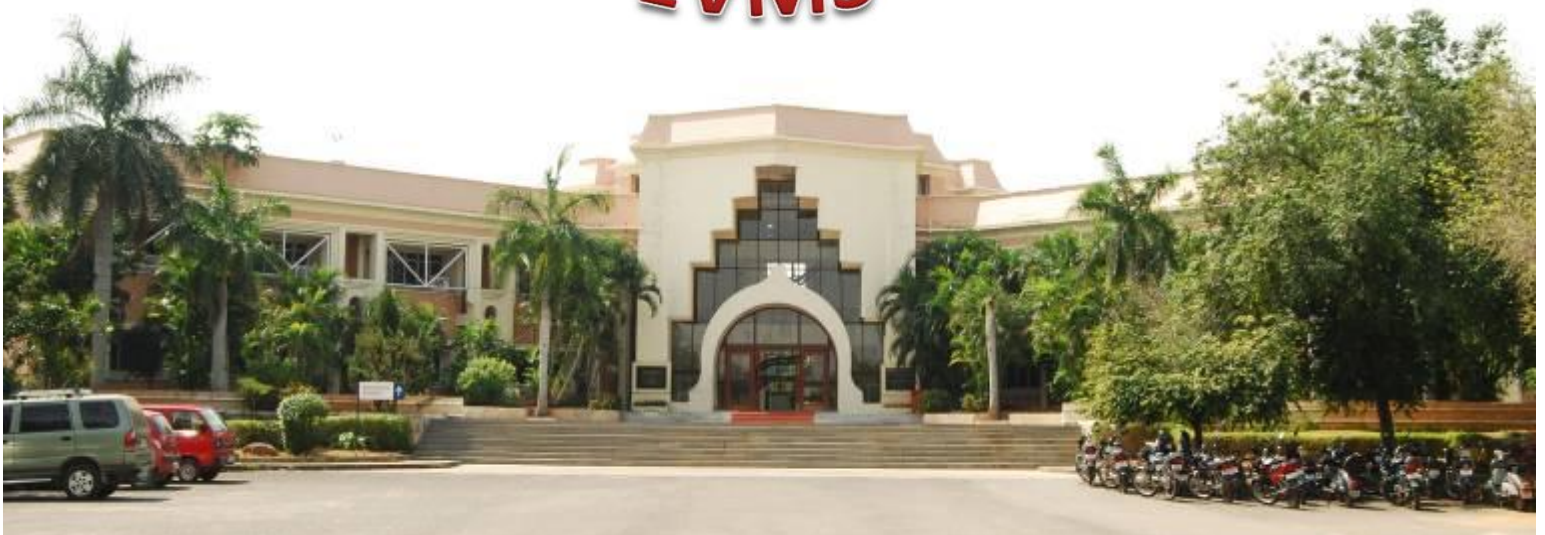
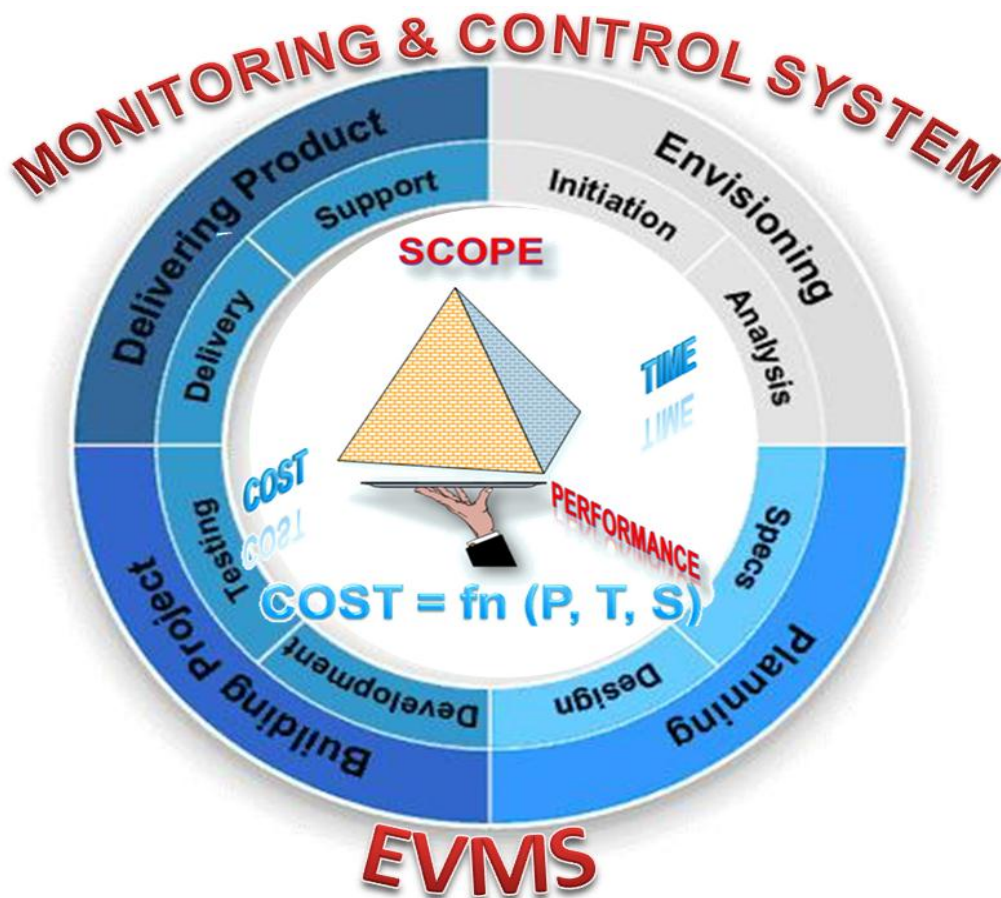
Engineering Staff College of India  
Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachibowli, Hyderabad – 500 032. TS, India



**MANAGEMENT & TECHNOLOGY DIVISION**

PROFESSIONAL DEVELOPMENT PROGRAMME  
Project Monitoring, Control and Implementation  
(Concept of Earned Value Management System in Project Management)  
14-17 November 2017



(An ISO 9001:2008 Certified, AICTE & CEA Recognized Institution)

**Centre for Promotion of Professional Excellence**

## INTRODUCTION

The time and cost scheduled as arrived at during the planning process are based on the predictions of the future. Therefore, it is not always expected that execution or the implementation of the project plan would go strictly as per the plan. Even in case of a project where plans have been made based on experience gained from similar projects in the past, the environmental factors and other natural occurrence may cause deviations from the plan. In implementation it is, therefore, necessary to constantly appraise the progress of the project and this process is known as monitoring.

**What is Monitoring?** Simply stated, monitoring involves watching the progress against time, resources and performance schedules during the execution of the project and identifying lagging areas requiring timely attention and action. The essence of good monitoring system is the speed of communication of depend-able information on key result areas, the competence of the monitoring agency to interpret the signal and the ability to lead to intervention in a constructive manner.

Monitoring and Control go hand in hand. While monitoring helps in identification of deviations from the plan, the control involves corrective action and ensures that deviations are overcome and performance is brought back to the planned course (originally planned or if it becomes necessary, revised plan).

The technique of Earned Value integrates cost and schedule performance in one report unlike traditional reports in which cost and schedule are reported separately.

By examining the cost and schedule variances concurrently it is possible to get a holistic and a much more realistic view of the project's progress.

### OBJECTIVE :

The programme is aimed sensitizing the participants on the monitoring and control of the project and providing them the concept of Earn Value Management System in the project as an important tool for monitoring and control of projects.

### COURSE COVERAGE:

Overview of Project Management

Life cycle of Project management

Project Cost & Finance

- Direct Cost
- Indirect cost

Financial method to ascertain economical viability of the project

- Investment Appraisal
- Payback period
- Discounted Cash flow (DCF) Analysis
- Internal Rate of Return (IRR)
- Benefit – Cost Ratio
- Cash outflows/inflows

Using Microsoft Project for Planning&Monitoring of Project

- Base line
- Crashing Techniques
- Fast tracking

○ Reason of base line

○ Monitoring function

○ Control function

○ Reports

Project Risk Management

○ Impact of risk on the project schedule and cost

○ Risk modeling and migration planning

Earned Value management System

○ Concept of earned value

○ Actual cost and planned cost

○ Scheduled performance index (SPI)

○ Cost performance index (SPI)

○ Critical Ratio

○ Creating EVM Reports using MSP 2007

Case-study & Examples

Syndicate Exercise and presentation by participants

### METHODOLOGY

Methodology of the programme includes class room Sessions with Lecture/discussion with audio visual aid, benched marked video shows, Chalk & Talk sessions, group discussions, case studies, debates, sharing of experiences, etc. All the sessions will be interactive demanding active participation from all the members. CMI will be the main method of instruction. Social /management Visits will also be conducted to encourage participants learning from each other's experiences in an informal platform.

### RESOURCE PERSON:

Gp Capt (Retd) BS Phillora Course Director & Resource Person, ESCI

Dr. V Chandrasekhar PhD, PMP

Dr. A. Srihari Krishna PhD

Other faculty consists of experts from industries and other corporate world besides that from ESCI.

### TARGET PARTICIPANTS

The Participants can be any professional involved in project across government, private and corporate world including professors from Engineering college and any interested individual.

### BENEFIT TO THE PARTICIPANTS:

- Monitoring and control of project by using EVMS and also other cost and risk related analysis.
- Programme provides a unique platform to develop networking and sharing of experiences from fellow participants and faculties even after the completion of programme

## Programme Venue, Dates & Timings

**Venue:** Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachibowli, Hyderabad. 500032. AP, India.

## DATES

**14-17 November 2017**

## TIMINGS

On the first day Registration will commence at 0900 h, on all other days the programme timings will be from 0945-1715 h with breaks in between for tea and lunch.

## COURSE DIRECTOR



**Gp Capt (Retd) BS Phillora** BE (ETC), AE (L), MMS (DS), M Phil, FIE Certified lead Auditor ISO 9001:2008

**Dean of Studies ESCI & Sr. Faculty & Head, Management & Technology Division, ESCI**

## COURSE FEE

₹ 20,000/- (Residential Fee) per participant. Fee includes, course material, course kit, twin-sharing/single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

## DISCOUNTS

- **Non-Residential Fee-** 10% discount on course fee is allowed for non-residential participants.
- **Group Discount:** Additional 10% discount for three or more participants, if sponsored by the same organization.

**(All discounts are applicable only if fee is received at ESCI before the commencement of the programme.)**

Goods and Service Tax @ 18% is to be paid extra over and above the training fee. PAN Card No AAATT3439Q; GST No. 36AAATT3439Q1ZV. (Under commercial training or coaching services).

Programme fee is to be paid in favour of "IE (I)-Engineering Staff College of India" in the form of demand draft payable at Hyderabad at par cheques payable at any Bank Branches.

Alternatively, the payment may be made by Electronic Fund Transfer (EFT) to ESCI - SB A/c No.0432104000039631 with The IDBI Bank Ltd., Gachibowli Branch, Plot No. 2-53/2, JNIBF, IIIT Junction, Gachibowli, Hyderabad-500032 by RTG's/ NIFT / IFSC Code No: IBKL0000432. ESCI PAN No. is AAATT3439Q. While using EFT/ Draft method of payment, kindly forward a covering letter giving details on the names of the participants, Title and the programme schedule so that proper accounting can be done. Registration

Online registration shall be available on ESCI website.(URL:www.escihyd.Org)

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobiles no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

## REGISTRATION

Online registration shall be available on ESCI website. (URL:www.escihyd.Org) Visit our M&T Division Web Page at :<http://www.escihyd.org/index.php/mt-upcoming-trainings>

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobiles no, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

**Head,  
Management & Technology Division  
Engineering Staff College of India  
Old Bombay Road, Gachibowli, Hyderabad 500 032, Telangana, India  
Phone: 040 6630 4111 & 6630 4112 & 6630 4128,  
Fax : 040-23000336, 23001515. Email : [mt@escihyd.org](mailto:mt@escihyd.org)  
Certification**

### For Registration Please Contact:

Mr. L.V. Rao  
Programme Manager,  
Land line 040 66304105  
Mob: 0 9949145865

A certificate of participation will be awarded to each participant on conclusion of the programme.

## General Information

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (**subject to availability of accommodation**)
- Well developed Information Centre and Internet facilities are available to the participants.

**Nominating authorities are requested to kindly send the contact details of the participants while sending their nomination letter. This will help us in making necessary administrative arrangement for them.**