

DATE: 01-05-2021

**Event Coordinator(s)**

**1. Ms. Martina D'souza**

**Student Coordinator(s)**

**1. Jarvis Trinandade**

**Time& Place:**

**11:00 am to 12:00 pm**

**Google meet**

**Department:**

**IT**

**No of participant:**

**42**

Guest Lecture was organized for the students of TE IT for the subject Software Engineering with Project management on 1<sup>st</sup> May 2021 on Google Meet.

Aim of the event was to make students aware about how performance could be measured of their BE project. Project Scheduling & Earned Value Analysis and Project Crashing was discussed in detail.

Speaker for the session was Mr. Sanjay Pandey, Sr. Asst. Prof, TSEC

Currently pursuing PhD from TSEC under the guidance of G. T Thampi Sir. Sir has more than 17yrs of exp in academics. Have published many research papers in National & International conferences & Journal .

His area of Interest are Software Engg, PM, Mobile Computing, networks, Biometrics & IoT.

Session was appreciated by all the participants.

The session was informative and we got to know about various topics and got to learn new things which i was unaware before. Thank you.

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# Images (if Any)

The screenshot shows a Google Meet window with a presentation slide titled "Activity A precedes activity B, which precedes activity C". The slide contains four diagrams (a, b, c, d) illustrating different activity dependencies:

- a. Activity A precedes activity B, which precedes activity C. (Linear sequence: A → B → C)
- b. Activity A must be completed before activities B and C can begin. (A → B, A → C)
- c. Activities A and B must both be completed before activity C or D can begin. (A → C, B → C, A → D, B → D)
- d. Activities B and C can begin once activity A has been completed; activity D cannot begin until both B and C are completed. (A → B, A → C, B → D, C → D)

The meeting interface shows the presenter "Sanjay Pandey" and a list of participants including Radhika Vichare, Vipul Kashyap, Swikal Dhanu, Sachin Dwivedi, Rohan Adhav, Dhruv Darji, Faizan Shaikh, Sharan Shetty, Jarvis Trinidade, Nimesha Venka..., and Chandrakant Th... The bottom toolbar includes icons for mute, video, chat, and other meeting controls.

The screenshot shows a Google Meet window with a presentation slide titled "Cost Performance Index". The slide contains the following text:

**Cost Variance is given by  $CV = EV - AC$**   
**CV = zero**, project spending is as per the planned budget (i.e. according to the budget)  
**CV = positive**, project spending is less than the planned budget (i.e. under budget)  
**CV = negative**, project spending is more than the planned budget (i.e. over budget)

•  $CV = EV - AC = 2250 - 4000 = -1750$  here CV is negative, hence project is over budget.

**$CPI = EV/AC$**   
CPI is considered the most critical metric and measures the cost efficiency of the work completed.

• CPI = 1 the project cost is as budgeted  
• CPI < 1 the project is over budgeted (cost overrun for work completed)  
• CPI > 1 the project is under-budgeted (cost underrun of performance to date)

•  **$CPI = EV/AC = 2250/4000 = 0.5625$  project has budget overrun**

The meeting interface shows the presenter "Sanjay Pandey" and a list of participants including Melvin Raju, Jarvis Trinidade, and Nimesha Venkatavelu. The bottom toolbar includes icons for mute, video, chat, and other meeting controls.

Browser tabs: Inbox (129) - martina.r@xavier.a... | SEPM / Expert Lecture / VI / 1-M... | Software Engg Project Managem... | Meet - cnf-tags-mzw

URL: meet.google.com/cnf-tags-mzw?authuser=0

Meeting ID: cbk3ehfhkz

Sanjay Pandey is presenting

Project Crashing (shorten the duration of a project)

Project crashing is method for shortening the project duration by reducing the time of one or more critical activities to less than their normal time.

Crashing is achieved by devoting more resources. Thus the cost associated with the project increased.

In Crashing if cost increases time decreases.

Time and cost is inversely related

Objective of Crashing:

Sanjay Pandey

Jarvis Trinidade

Apurva Ware

Nimesha Venkatavelu

cbk3ehfhkz

People (39)

Let everyone send messages

Radhika Vichare 10:59 AM  
good morning ma'am

Farman Haider 11:45 AM  
ABDEGIJK

Farman Haider 12:00 PM  
Yes

Send a message to everyone

cbk3ehfhkz

Sanjay Pandey is presenting

12:11 PM 01/05/2021

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URL: meet.google.com/cnf-tags-mzw?authuser=0

Meeting ID: cbk3ehfhkz

Shreekunj Varia and 18 more

12:18 PM

Sanjay Pandey

M R

M

cbk3ehfhkz

12:18 PM 01/05/2021