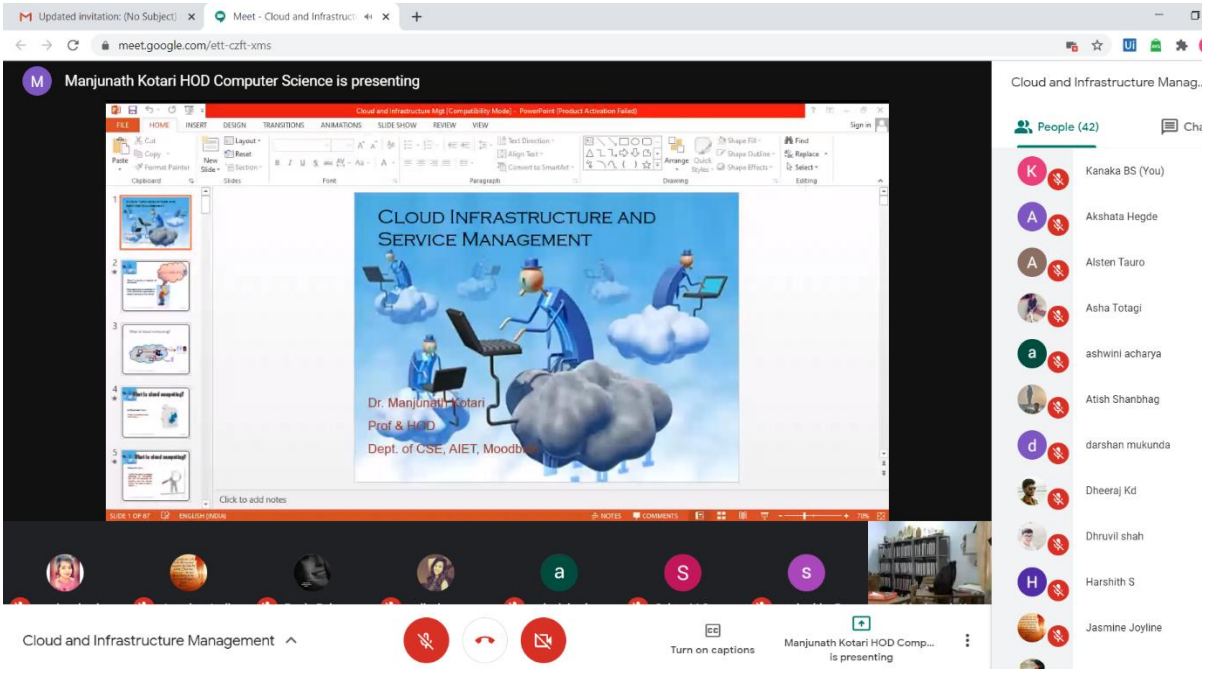
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**08-07-2020**	**Name:**	**Chetana H**
Sem & Sec	**6th- A**	**USN:**	**4AL17CS021**
Online Test Summary			
Subject	-		
Max. Marks	-	**Score**	-
Certification Course Summary			
Course	Cloud Infrastructure and Service Management		
Certificate Provider	-	**Duration**	**1.5hours**
Coding Challenges			
Problem Statement: Python Program to Reverse a linked list			
Status:Solved			
Uploaded the report in Github	**yes**		
If yes Repository name	https://github.com/chetana-H/online-course2		
Uploaded the report in slack	**yes**		

ONLINE COURSE



ONLINE CODING

Python Program to Reverse a linked list

```
class Node:
    def __init__(self, data):
self.data = data
self.next = None


class LinkedList:
    def __init__(self):
self.head = None
```

```
    def reverse(self):
prev = None
        current = self.head
while(current is not None):
            next = current.next
current.next = prev
prev = current
            current = next
self.head = prev


    def push(self, new_data):
new_node = Node(new_data)
new_node.next = self.head
self.head = new_node


    def printList(self):
        temp = self.head
        while(temp):
            print(temp.data),
            temp = temp.next
llist = LinkedList()
llist.push(5)
llist.push(25)
llist.push(9)
```

```
llist.push(56)

print("Given Linked List")

llist.printList()

llist.reverse()

print("\nReversed Linked List")

llist.printList()
```