



BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapura Main Road, Bangalore – 560064

OPEN COURSE - DAILY REPORT

Day - 1 Report

Date: 16-06-2020

Department	AI&ML
Name of the Open Course	Real Time Operating System
Coordinator	Dr. Bharathi M A/Harinath
Total No. of Students Enrolled	4
No. of Students Attended	3

DESCRIPTION

Following Topics were discussed during the sessions

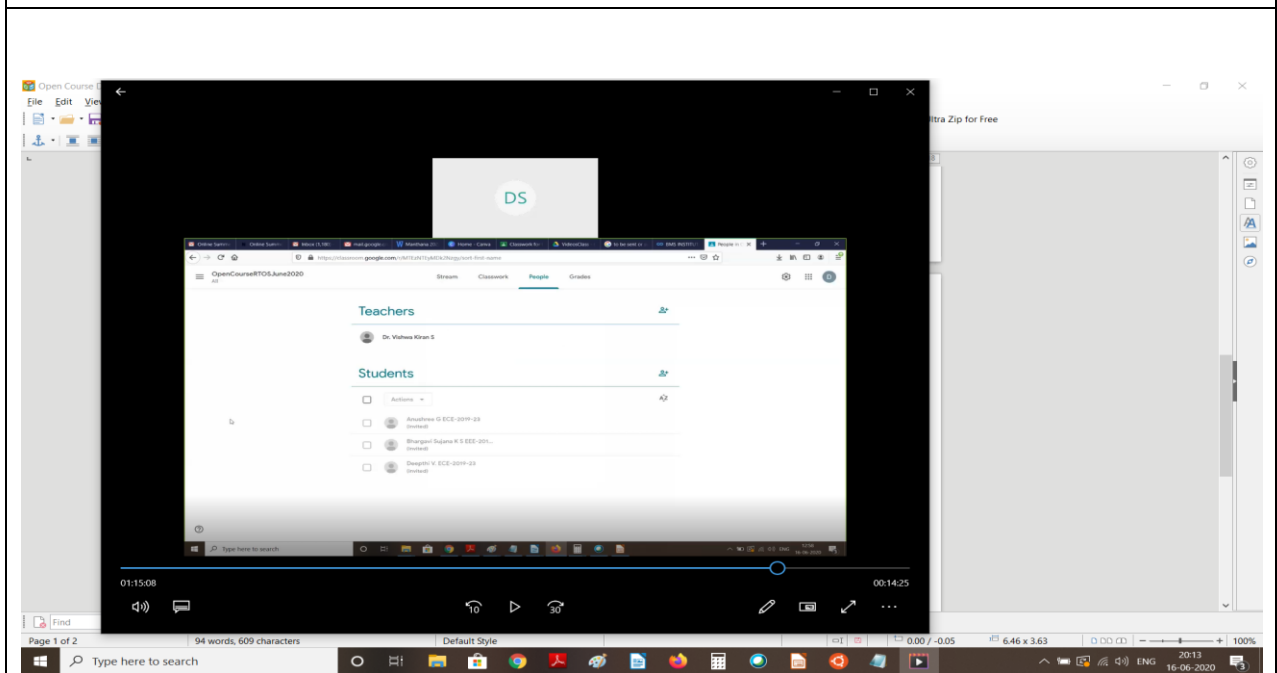
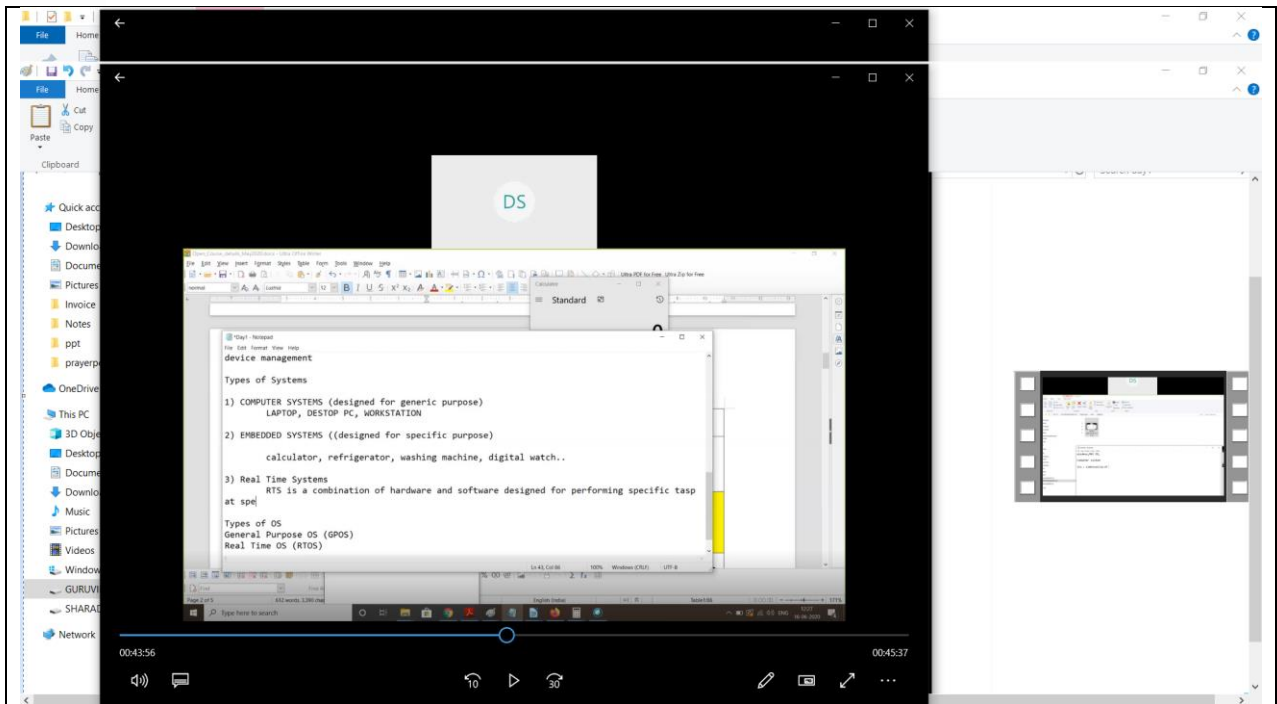
1. Types of Systems
2. Types of OS
3. Real Time OS
4. Need for OS
5. Examples of Embedded Systems and Real Time Systems

PHOTOS



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Snapshot of the screen(online class)



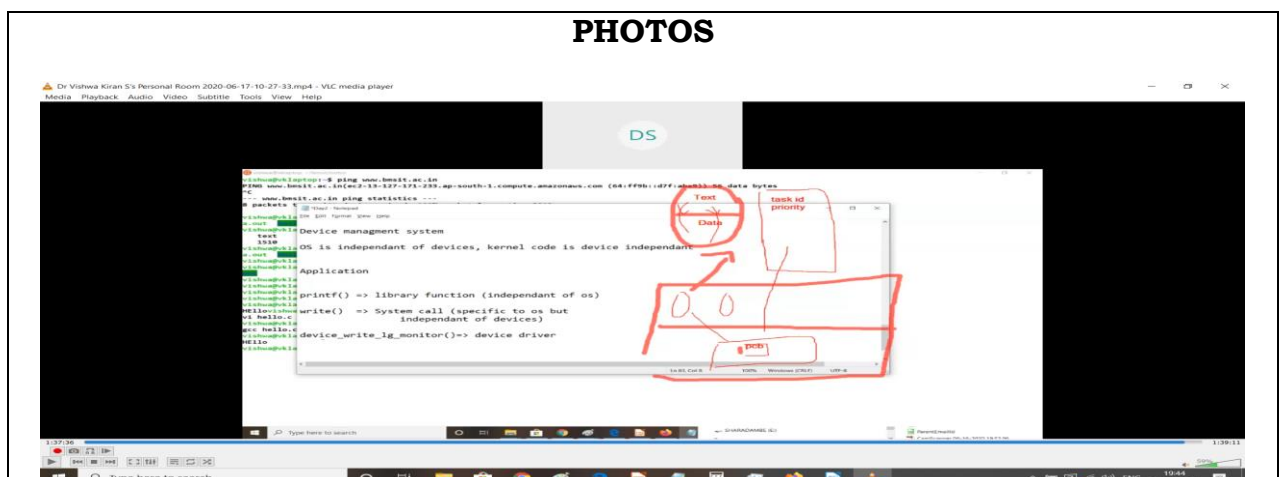
OPEN COURSE - DAILY REPORT

Day – 2 Report

Date: 17-06-2020

Department	AI&ML
Name of the Open Course	Real Time Operating System
Coordinator	Dr. Bharathi M A/Harinath
Total No. of Students Enrolled	5
No. of Students Attended	5
DESCRIPTION	
Following Topics were discussed during the sessions	
1. Architecture of RTOS	
2. Components of RTOS	
3. Services offered by RTOS	

PHOTOS



Snapshot of the screen (online class)



OPEN COURSE - DAILY REPORT

Day – 3 Report

Date: 18-06-2020

Department	AI&ML
Name of the Open Course	Real Time Operating System
Coordinator	Dr. Bharathi M A/Harinath
Total No. of Students Enrolled	5
No. of Students Attended	4

DESCRIPTION

Following Topics were discussed during the sessions

1. RTOS development Environment
2. Designing Multitasking based application
3. Concurrent Programming



PHOTOS

Snapshot of the screen(online class)



OPEN COURSE - DAILY REPORT

Day – 4 Report

Date: 19-06-2020

Department	AI&ML
Name of the Open Course	Real Time Operating System
Coordinator	Dr. Bharathi M A/Harinath
Total No. of Students Enrolled	4
No. of Students Attended	4

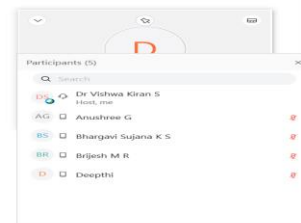
DESCRIPTION

Following Topics were discussed during the sessions

1. Task Structure
2. Process v/s thread
3. Concurrent Programming using threads
4. Inter task communication using pipe, FIFO and shared memory

PHOTOS

Agenda
Structure of Process / Task
Multithreading
Inter process communication



Snapshot of the screen(online class)



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OPEN COURSE - DAILY REPORT

Day – 5 Report

Date: 20-06-2020

Department	AI&ML
Name of the Open Course	Real Time Operating System
Coordinator	Dr. Bharathi M A/Harinath
Total No. of Students Enrolled	4
No. of Students Attended	4
DESCRIPTION	
Assessment was done through online test and were exposed to navigate on kernel source code.	

PHOTOS

The screenshot shows a web browser window displaying a poll interface. The poll is titled "Number of attendees: 4" and "Poll: Individual results". The poll details are as follows:

- Type: Individual results
- Date: Saturday, June 20, 2020
- Starting time: 10:54 AM
- Actual Duration: 19 minutes 20 seconds
- Time limit: 20 minutes 0 seconds

Question 1: "Q1. Which of the following software is used to manage system resources." The poll results are as follows:

Answers	Results	%
A. assembler	0/4	0
B. operating system	4/4	100
C. loader	0/4	0
D. kernel	0/4	0
No Answer	0/4	0

Attendees: Daepthi, Bhargavi Sujana K S, Anushree G, Brijesh M R. Correct Answer: B.

Question 2: "Q2. System resources of the target machines are managed by". The poll results are as follows:

Answers	Results	%
A. GPOS	0/4	0
B. distributed os	0/4	0
C. RTOS	4/4	100
D. MACRO OS	0/4	0
No Answer	0/4	0

Attendees: Daepthi, Bhargavi Sujana K S. Correct Answer: C.

At the bottom of the screenshot, there is a search bar and a taskbar with various application icons. The system tray shows the date and time as 12:05 on 20-06-2020.

Snapshot of the screen (online class)



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