



SANDIP FOUNDATION
SANDIP INSTITUTE OF ENGINEERING AND
MANAGEMENT
Mahiravani, Trimbak Road, Nashik-422213



Department of Computer Engineering

Report on

Expert Talk on 'Everything to Handle Interruptions and Applications to Microcontroller'

Event Title:	Expert Talk on 'Everything to Handle Interruptions and Applications to Microcontroller'
Event Date:	22 nd May, 2023.
Event Venue :	Network Lab, CE Department, SIEM, Nashik
Event Conduction Duration:	10:30 AM to 12:30 PM
Name of Event Coordinator	Ms. Snehal P. Dongre
Name of Resource Person:	Prof. Pramod Aswale Assistant Professor, Dept. of Electronics and Telecommunication, SIEM, Nashik-422213.
Expected Audience :	SE (Computer Engineering)
Number of students present:	30

Event Objectives & Outcomes:

Objectives:-

1. To make students understand interruption mechanism.
2. To develop student's ability to handle interrupts while designing assembly language program.
3. To make students understand the working of microcontroller and its architecture.
4. To give students practical applications of microcontroller.

Highlights:

In the morning session, **Prof. Snehal Dongre** welcomed and introduced the resource person of the event **Prof. Pramod Aswale**. She also gave glimpse on the content and conduction of the session. Prof Pramod started with delivering the basic introduction of Interruption, Types of interrupts. He very beautifully explained the difference between interrupts and exception, Further he briefly explained the maskable and non-maskable interrupts. He extended his talk by discussing the overall architecture and working of Microcontroller, its basic functions and at the end he enlighten the students by discussing on real-time IoT devices using microcontroller along with its future scope.

Outcome:-

1. Students have gained knowledge on handling interrupts.
2. Students have learnt about how to handle maskable and non-maskable interrupts.
2. Students have understood the importance of Microcontroller and its applications.

Glimpses of the Worksoop Event:-



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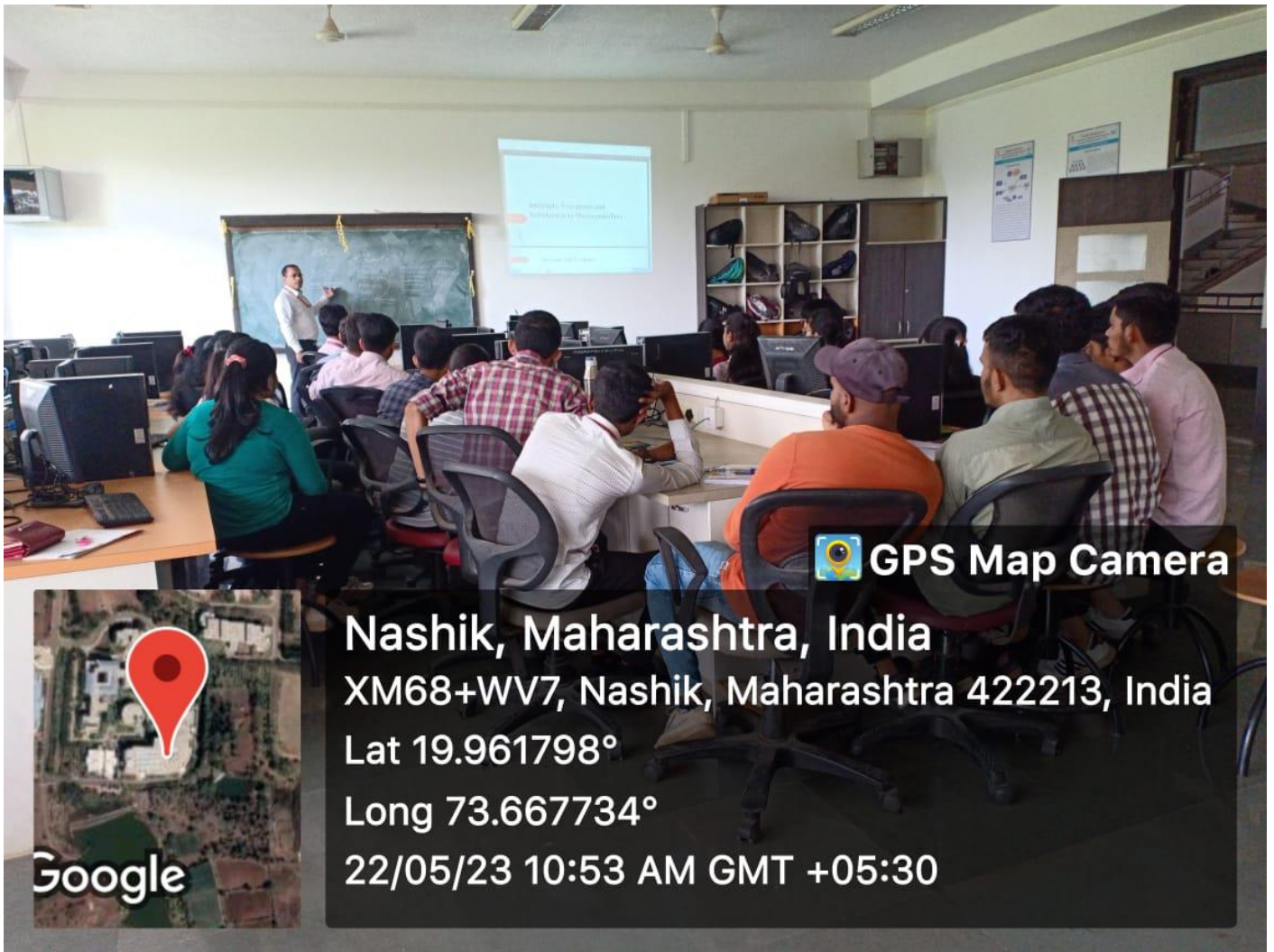
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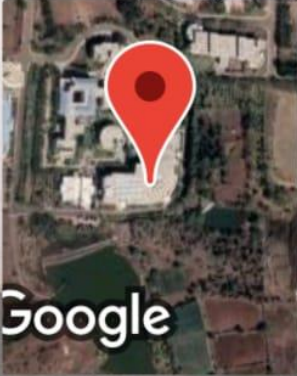
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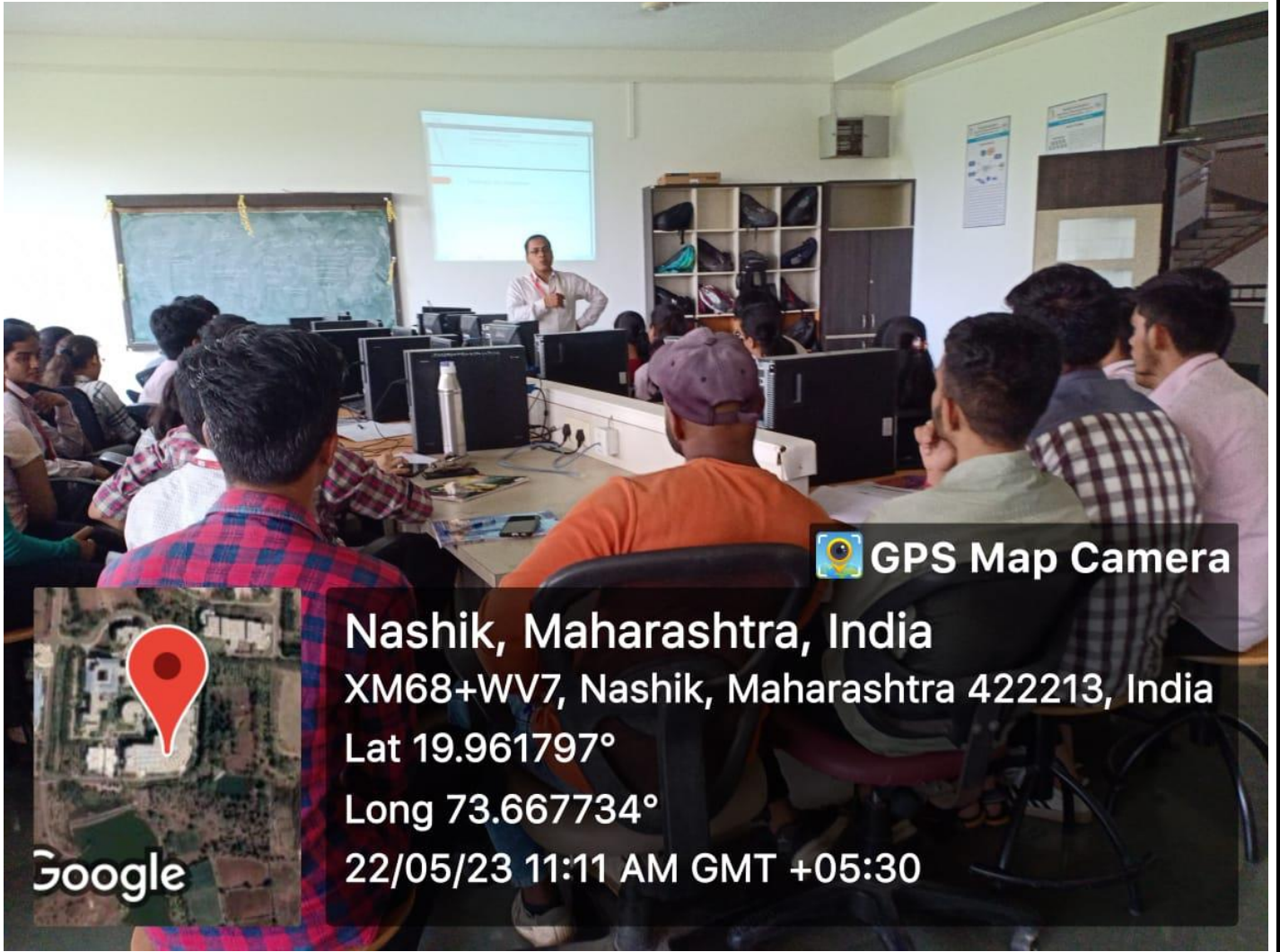
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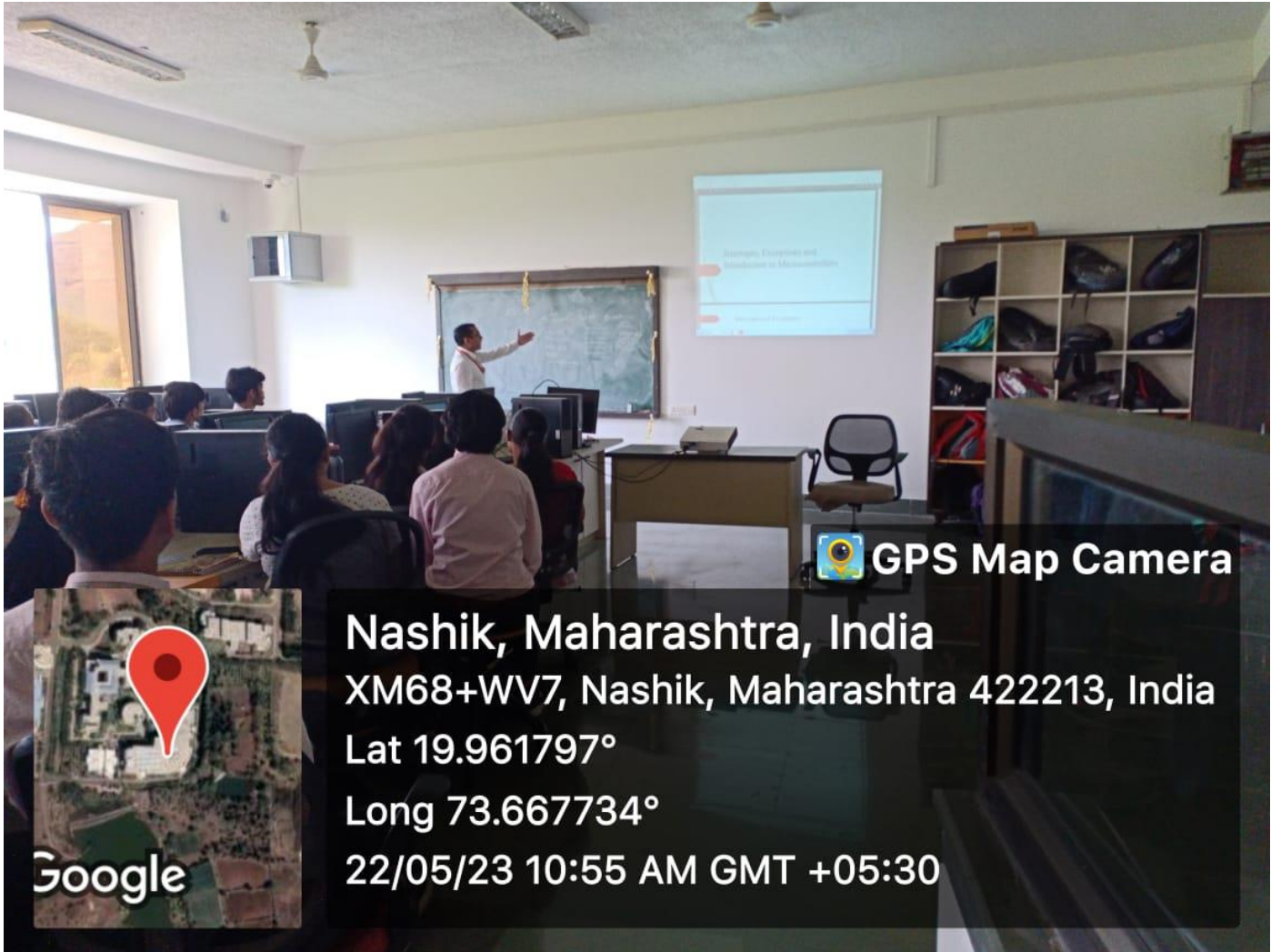
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