

Technical Talk Report

Details	Description
Event	STM32 Workshop under IETE
Organizer	Prof. Tejal Deshpande, Dr. Nitin Ahire
Speaker	Mr. Mukesh Jat (BE EXTC student)
Topic	STM32 for Projects and Applications
Day, Date and Time	Thursday, July 17, 2025, from 1:30 to 3:30 pm
Venue	XIE, Microprocessor Lab
Audience	Third-year Electronics and Telecommunication Engineering students of Xavier Institute of Engineering
No. of Attendees	36
Objective(s)	To introduce students to the STM32 microcontroller platform and demonstrate its use in engineering projects.
Description	Mr. Mukesh Jat from the Xavier Institute of Technology delivered an in-depth workshop on “STM32 for Project Development and Applications.” The session provided a comprehensive overview of the STM32 microcontroller architecture, its programming environment, and practical interfacing techniques. Students explored how STM32 can be effectively used in their academic and real-world projects, learning about its peripherals, programming methods, and integration with sensors and actuators. The session also included hands-on demonstrations, enabling participants to gain experience with essential tools and software associated with STM32 development.
Outcome(s)	-Students gained a solid foundation in STM32 architecture & programming -Acquired the skills to implement STM32-based project solutions.
Feedback	The workshop was well received, with attendees appreciating both the practical demonstrations and the clarity of explanations. The session greatly enhanced students’ confidence and technical knowledge in working with STM32 microcontrollers for their future projects.

Mapping of Event Outcomes with POs/PSOs

[illegible]



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Glimpses of the events





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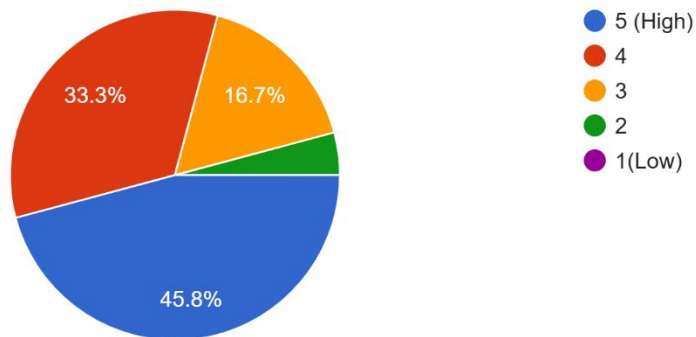


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Feedback Analysis (Google Form Analysis)

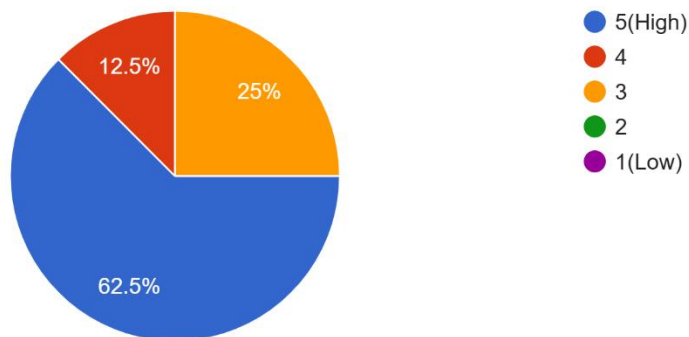
Opinion about the Guest lecture

24 responses



Opinion about the Speaker 1: Mr Mukesh Jat

24 responses





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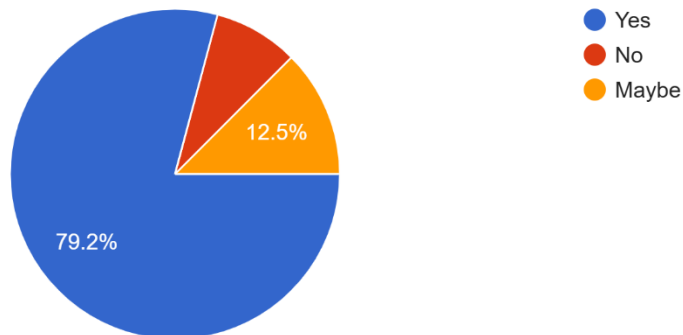
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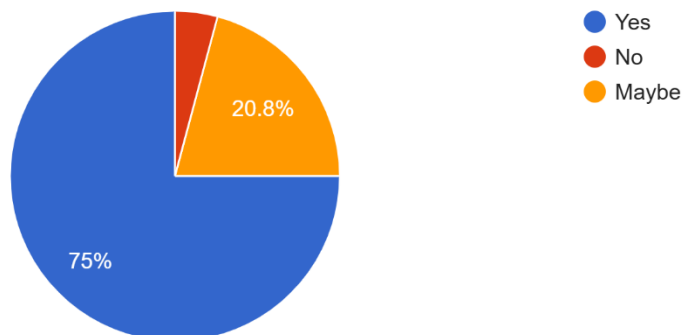
Did the Guest lecture meet your expectation?

24 responses



Would you attend such Seminars in future?

24 responses



Any suggestions for future Guest lecture/Seminar/Webinar topics? 24 responses

No

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Yes want guest lectures like this in future

STM32

See whether the applications are working properly aur not

yes

NA

I think, if they can provide some video simulations to transmit messages then we cab understand better, by visual analysis.



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Everything was great just some of the PCs were not able to run STM's software, but overall the guest lecture/seminar was really much informative.

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It was really good and informative

Prof. Tejal Deshpande

Dr. Nitin Ahire