



ANJUMAN-I-ISLAM'S

KALSEKAR TECHNICAL CAMPUS, NEW PANVEL

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- ☒ SCHOOL OF ENGINEERING & TECHNOLOGY
- ☐ SCHOOL OF PHARMACY
- ☐ SCHOOL OF ARCHITECTURE

DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING

26 September 2025

Alumni Talk

**School/Department: SoET Electrical & Computer Engineering
Department**

Name of resource person:	Mr. Anas Khan
Designation:	Alumni
Date of expert lecture:	25/9/2025
Title of Lecture:	Frequency Domain Plotting
Organised by:	ECE, AIKTC, New Panvel
Target audience	TE Students
Number of Beneficiaries	20 Students
Event Co-ordinator	Prof. Pritika Patil (Assistant Professor)

DETAILS OF EXPERT LECTURE:

On 25th Sep 2025 a guest lecture was conducted by our alumnus, Mr. Anas Khan, who passed out in 2024. The topic of the lecture was Frequency Domain Plotting. Mr. Anas explained the basics of frequency domain analysis and its importance in signal processing and engineering. He taught us how signals can be represented in the frequency domain and how this helps in understanding the behavior of systems better than time-domain analysis alone. During the lecture, he demonstrated various types of frequency domain plots such as magnitude plots, phase plots, and Bode plots. He also explained how these plots are useful in analyzing circuits and control systems. The session was informative and helped students grasp the concept of frequency domain plotting clearly. Many students asked questions, and Mr. Anas answered them effectively, making the topic easier to understand. We thank Mr. Anas Khan for his valuable lecture and for sharing his knowledge with us.

Outcomes and Key Takeaways

- Gained a clear understanding of frequency domain plotting and its importance in engineering.
- Learned about different frequency domain plots such as magnitude plots, phase plots, and Bode plots.
- Understood how frequency analysis helps in signal processing and system behavior analysis.
- Experienced real-world applications of frequency domain techniques.
- Improved conceptual clarity through practical examples demonstrated by Mr. Anas

Innovative Teaching - Exuberant Learning

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Khan.




Dr. Afzal Shaikh
HOD, ECE


Dr. Rajendra B. Magar
Dean, AIKTC-SoET


Dr. Ramjan Khatik
Director, AIKTC

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