

SPECTRO

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FEB 16, 17 & 18



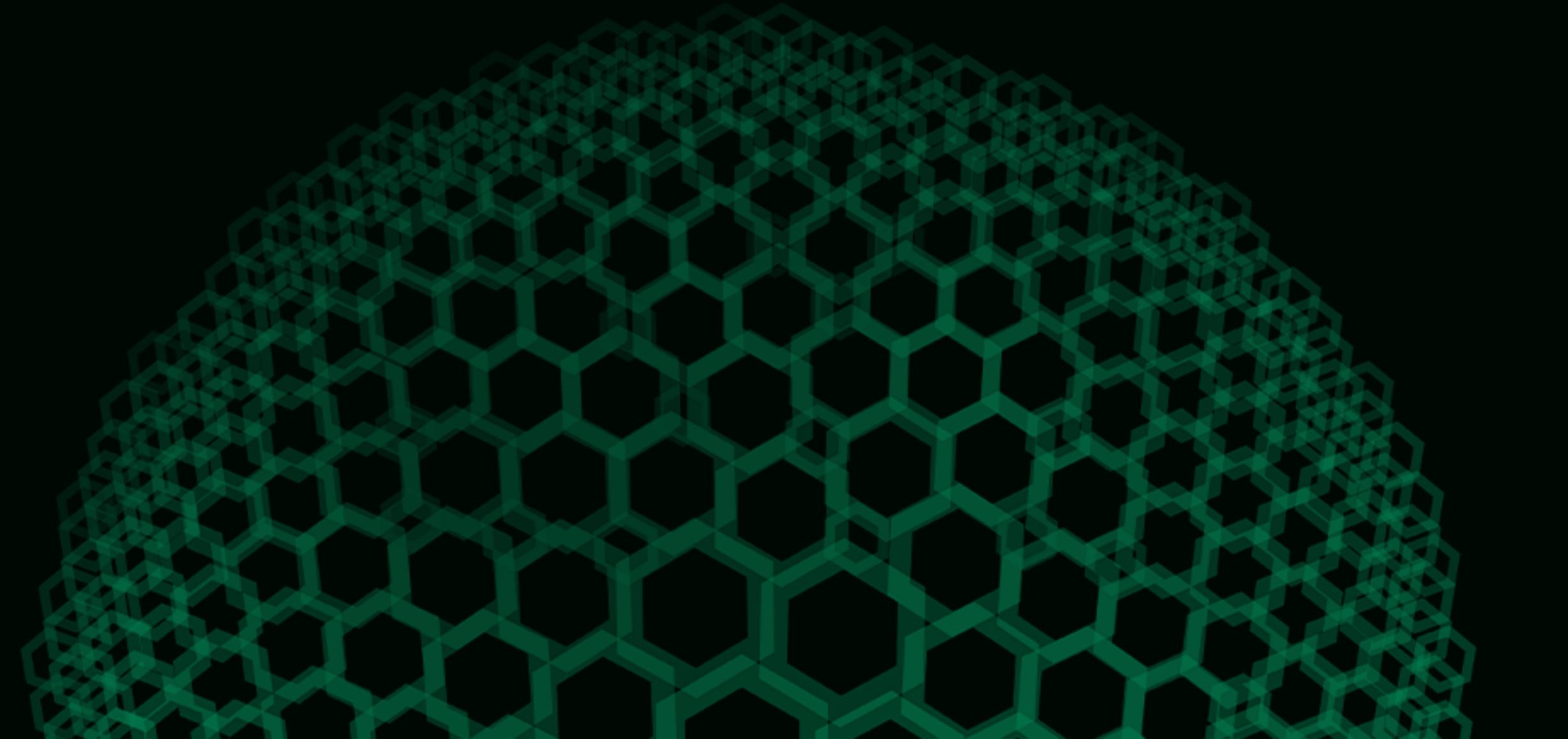


About IEEE FISAT SB.

Established in 2003 with the motto "Integrating Innovations," the IEEE FISAT Student Branch is a hub of technical excellence. Under the leadership of Shri S Gopakumar and IEEE Gold Member Shri Varghese Cherian, the chapter hosts various events, making it one of the top 5 active student branches in the Kerala section with 460 members and over 100 new additions annually. In 2022, the chapter received the Outstanding Student Branch by IEEE India Council, the Exemplary Student Branch Award from IEEE Region 10, and the Darrel Chong Bronze Medal. It stands as the second-largest in the IEEE Kerala Section and globally ranks second in both the Computer Society and Power and Energy Society Chapters in terms of membership. The IEEE FISAT SB continues to be a symbol of technological prowess and community impact.

SpectroSpect.

Welcome to Spectrospect, the premier national event for engineering students, focusing on wireless communication and signal processing. Organized by IEEE FISAT SB, it stands as the flagship event under the IEEE SPS FISAT SBC. Over three days, attendees will participate in hands-on workshops, technical sessions, and engaging activities. Join us for a dynamic blend of theory and practical skills, fostering lasting connections in the exciting realm of signal processing.



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Workshops.

Participate in a comprehensive learning experience at Spectrospect through our meticulously planned lineup of five parallel interactive workshops. These workshops encompass a range of advanced topics, including AI & Image Processing, Digital Signal Processing, Speech Recognition, and Filter design using Matlab. Each workshop offers a structured and formal environment for participants to delve into the intricacies of these cutting-edge technologies. Engage in hands-on activities, gain valuable insights, and broaden your understanding of signal processing. Join us at Spectrospect and elevate your knowledge and skills in these innovative and formal workshop sessions.

1. AI & Image Processing

"Dive into the realm of Artificial Intelligence and Image Processing with our dynamic workshop! Explore the fundamentals of AI, navigate through the nuances of image processing, and acquire hands-on expertise in constructing and refining image classifiers. Whether you're a novice or seeking to augment your current understanding, this workshop provides a thorough grasp of essential concepts, practical implementation using alternative libraries, and considerations in ethical practices. Accelerate your venture into the realms of AI and image processing through engaging sessions led by experts, fostering collaborative learning.



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2. Digital Signal Processing

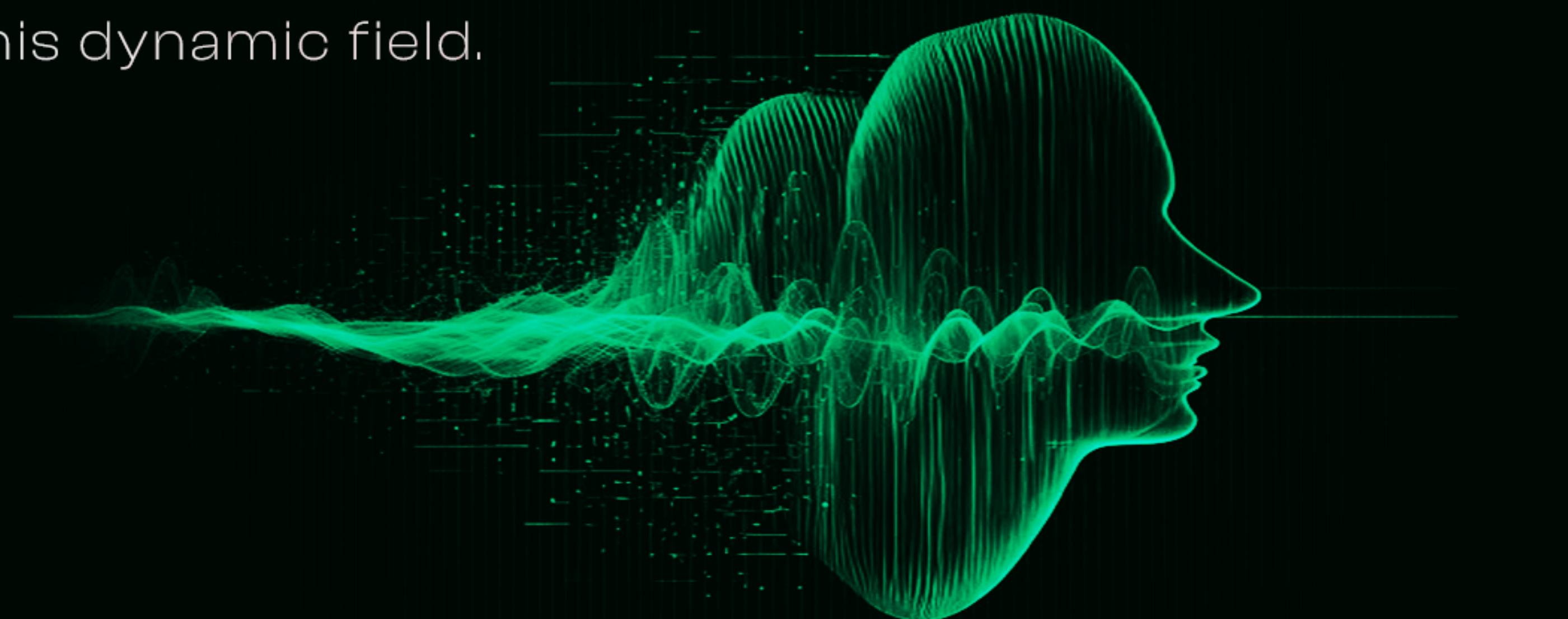
Join our two-day Digital Signal Processing (DSP) workshop, conducted with MATLAB, for a deep dive into DSP concepts and practical implementation. Explore sampling, quantization, discrete-time signals, and systems, using MATLAB for signal generation, manipulation, and visualization. The workshop covers FIR and IIR filters, spectral analysis, and modulation techniques. Cap it off with a DSP project in audio processing, image processing, or communications, gaining hands-on experience in MATLAB.

3. Filter Design Using Matlab

"Embark on a transformative journey into the realm of signal processing with our 'Filter Design Using MATLAB' workshop. This engaging and hands-on session is designed to provide participants with a comprehensive understanding of filter design and implementation using the powerful MATLAB software. In this workshop, participants will delve into the fundamental principles of digital signal processing and filter theory. Through a series of interactive sessions, we will guide you through the practical aspects of designing and realizing filters for various applications. Whether you are a novice or an experienced practitioner, this workshop caters to all skill levels, offering a valuable learning experience for everyone.

4. Speech Recognition

Uncover the essence of speech recognition in our workshop, where fundamental concepts and techniques are highlighted for transforming spoken language into written text. Explore acoustic and language modeling, delving into feature extraction and phoneme recognition. From voice assistants to transcription services, discover the broad applications of speech recognition, sparking innovation in natural language processing, human-computer interaction, and accessibility. Join us to unlock opportunities for research and development in this dynamic field.



Our Target Audience.

The event is tailored for university students, featuring a 3-day program with 2-day workshops and a project expo highlighting the latest developments in signal processing. The sessions cover diverse topics, including discussions on current medical trends using signal processing. The goal is to enhance awareness and skills in signal processing, allowing participants to learn through live experiences and analyze the latest trends in the field. The event is designed to inspire a passion for the continually evolving sector of Signal Processing among university students.



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Why Sponsor Us.

Sponsoring Spectrospect offers a unique chance to engage with top talent in signal processing, connecting your brand directly with university students and future industry leaders. Your brand will enjoy extensive visibility throughout workshops, and talks reaching a diverse audience of students, professionals, and tech enthusiasts. Aligning your brand with FISAT's successful event legacy enhances credibility and leaves a lasting impression on the target audience. Our customizable sponsorship packages cater to specific goals, ensuring maximum return on investment with features like special sessions, main stage backdrops, logo prints on certificates, IDs, T-shirts, registration kits, social media posters, exclusive videos, and flex board displays. Join the journey of innovation, excellence, and strategic brand elevation by sponsoring Spectrospect.

Publicity Keys	Title ₹ 1,00,000	Platinum ₹ 50,000	Gold ₹ 25,000	Silver ₹ 15,000	Bronze ₹ 10,000
Special Session & Mention	✓	✓			
Mainstage Backdrop	✓				
Logo on Certificate & Id	✓				
Logo Print on T-shirts	✓	✓			
Logo Print on Reg. kits	✓	✓	✓	✓	✓
Posters (Social Media)	✓	✓	✓		
Displays (Flex Boards)	✓	✓	✓	✓	
Logo on Website	✓	✓	✓	✓	✓

What we are offering?

- The Name/logo of the Sponsor would appear in the format - IEEE FISAT SB and Title Sponsor presents 'SpectroSpect'.
- The Name/logo of the Sponsor would be featured on all promotional materials, including flexes,banners,posters and flyers of varying sizes, which would be placed in and around the campus.
- The Title Sponsor would receive premium branding in all invitations sent to various prestigious institutions across the country.
- The event would generate publicity and nationwide media coverage via newspapers, radio, television and various social media platforms.
- The Name and linked Logo of Title Sponsor would appear in the official website of SpectroSpect which will redirect the user to company website when clicked.

Contact Us.

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