



COMPANY PROFILE

**AUDIO VISUAL EQUIPMENTS &
IT SERVICES PROVIDER**



Introduction

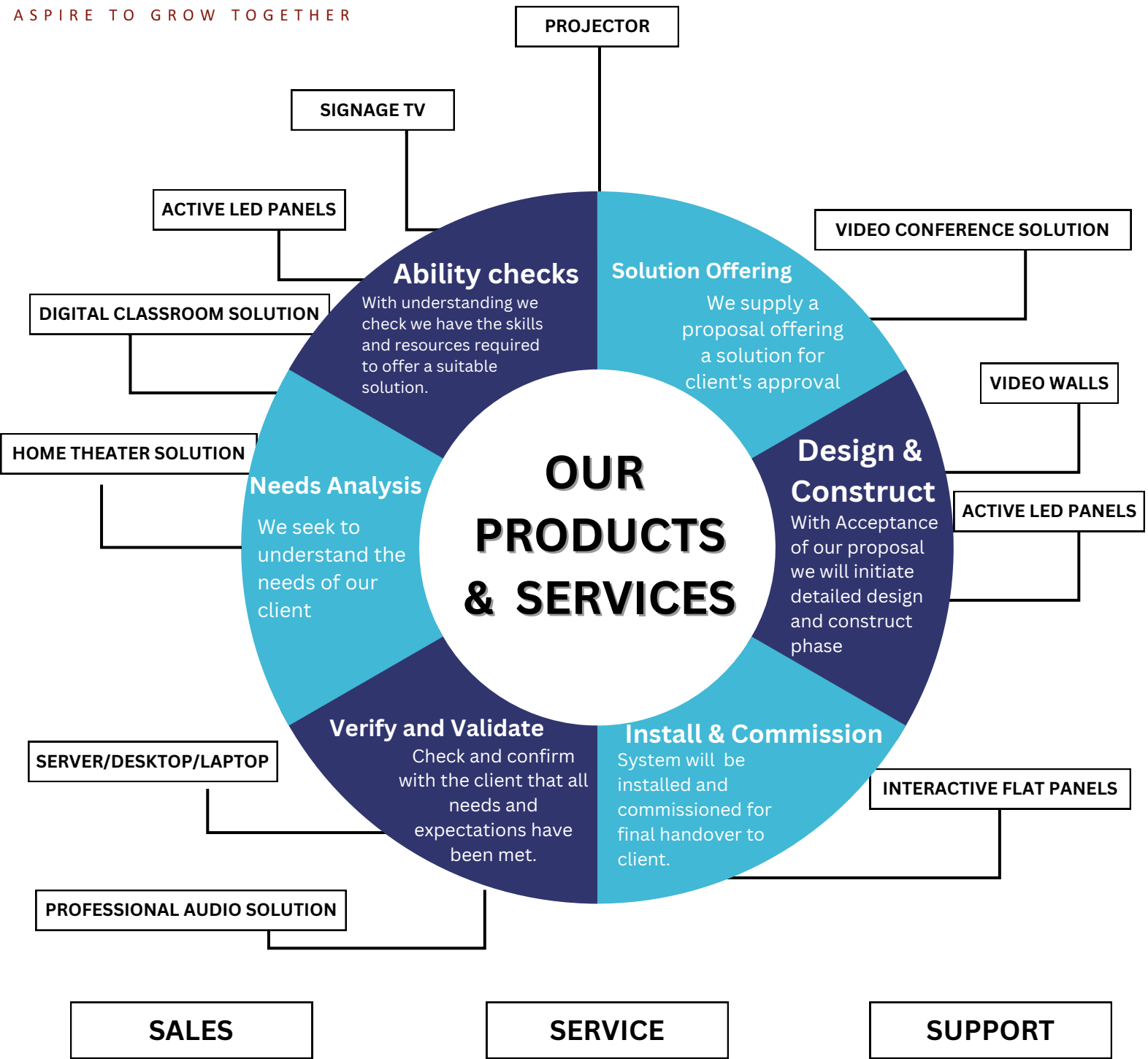
Founded in 2020, AKG Technical Private Limited, your one-stop shop for all your audio-visual equipment needs. We specialize in providing top-quality products and services to elevate your audiovisual experiences. Whether you're a homeowner, business professional, or event organizer, we have the perfect solutions to enhance your audio and visual setup. Trust us to deliver cutting-edge technology and exceptional customer service for an immersive and unforgettable AV journey.



Vision & Mission

Vision: To be the leading provider of high-quality audio visual equipment that empowers our customers to communicate and collaborate more effectively.

Mission: Our mission is to deliver exceptional audio visual solutions and services that exceed our customers' expectations, while providing a seamless and enjoyable experience that builds long-term relationships.



HARDWARE COMPONENTS



Commercial TV/ Signage Solution / Video Wall Solution

LG/ VIEWSONIC/ SAMSUNG/ PANASONIC/ SONY



SIZES AVAILABLE - 32/42/50/55/65/75/86

The commercial television you see when out in park may look similar to your residential TV back home, but there are some notable difference between the two, so if you are looking to buy a display screen for your business, you are going to need a commercial TV. In business environments, commercial TV can serve various purposes including; a silent ad display screen in a store, a digital menu board in a coffee shop, a touch display system for conference room, or as a TV in a hotel lobby, the possibilities are endless when it comes to a commercial TV usage.

Digital signage is a segment of electronic signage. Digital displays use technologies such as LCD, LED, projection and e-paper to display digital images, video, web pages, weather data, restaurant menus, or text. They can be found in public spaces, transportation systems, museums, stadiums, retail stores, hotels, restaurants and corporate buildings etc., to provide wayfinding, exhibitions, marketing and outdoor advertising. They are used as a network of electronic displays that are centrally managed and individually addressable for the display of text, animated or video messages for advertising, information, entertainment and merchandising to targeted audiences.



SIZES AVAILABLE- 32-98



SIZES AVAILABLE- 49/55

Video walls consist of multiple monitors tiled together to form one large screen. In today's interconnected world, video wall technology has made a significant impact on all companies, no matter the industry. It is the ideal tool to convey information used in a wide range of environments from corporate workspaces to lobby signage, public spaces, classroom, auditorium and mission critical control rooms.

INTERACTIVE WHITE BOARD

Interactive White Board:

An interactive whiteboard (IWB), also known as **Interactive Flat Panel** or **Smart Board** is a large display board that allows users to interact with digital content using touch, gestures, or digital pen input. It combines the features of a traditional whiteboard with the functionality of a computer or digital display, enabling users to write, draw, and manipulate digital content in real-time.



An interactive whiteboard typically consists of a large, flat panel display that can be mounted on a wall or placed on a stand. The display is connected to a computer or other input device, which processes the touch or pen input and displays the content on the board.

**BRANDS - ViewSonic / LG / Maxhub / Samsung /
Panasonic**

SIZES - 55/65/75/85/95/105

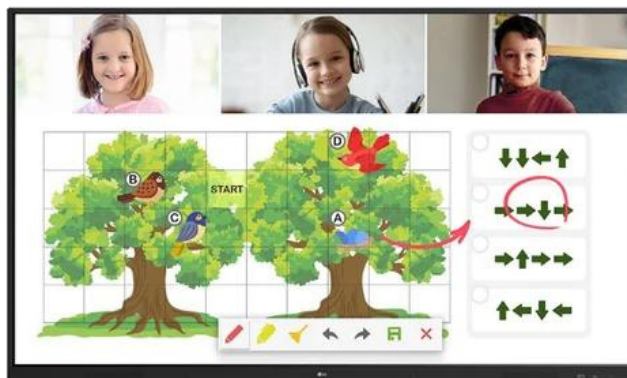
Interactive whiteboards are commonly used in educational settings, boardrooms, training facilities, and other environments where interactive presentations and collaboration are important. They enhance engagement, interactivity, and visual impact, making content more accessible, dynamic, and engaging.

Interactive Display



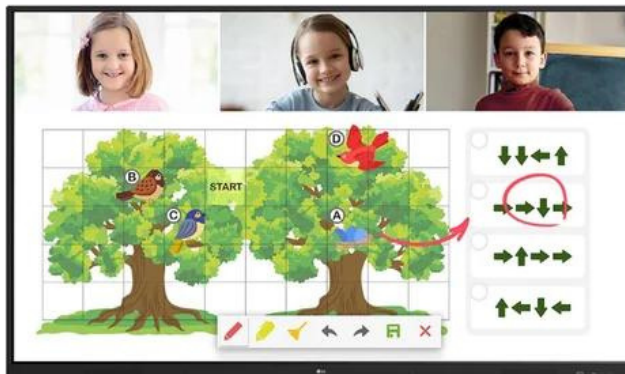
ViewSonic Interactive Panel

Sizes Available : 65/75/86/98/



LG Interactive Panel

Sizes Available : 65/75/86/98/IN



MAXHUB Interactive Panel

Sizes Available : 65/75/86 IN

Projectors

Portable Projectors



,also known as mini projectors or pico projectors, are small and lightweight devices that can display images and videos on a larger screen or surface. They are designed to be easily transported and used in various locations. They often come with built-in batteries, providing the option to use them without a power source. They are versatile tools for home entertainment, business presentations, and other on-the-go applications.

Conference Room Projectors

are devices specifically designed for use in meeting rooms and conference spaces. They provide high brightness and sharp image quality to ensure clear visibility of presentations, charts, and documents. Conference room projectors offer multiple connectivity options to connect various devices, and they often support wireless capabilities for easy content sharing.



Home Theater Projectors

are devices designed to replicate the cinematic experience in the comfort of your own home. These projectors are optimized for delivering high-quality video and audio, immersing viewers in a larger-than-life entertainment experience. Key features of home theater projectors include high-resolution and image quality, cinema-like screen sizes, support for immersive audio formats, connectivity options, and compatibility with various media sources.



Large Venue Projectors

are designed for use in spacious locations like auditoriums, stadiums, convention centers, and theaters. They are generally over 5000 Lumens & these projectors are known for their high brightness, allowing the projected image to be visible even in well-lit environments. They are capable of producing large-scale images on screens several meters wide, making them suitable for accommodating a large audience. Large venue projectors often support high resolutions and advanced connectivity options, and they may incorporate technologies like laser light sources for durability and reliability.



CAMERAS



PTZ Cameras

A PTZ (Pan-Tilt-Zoom) camera is a type of camera used for surveillance or video conferencing that offers the ability to pan, tilt, and zoom. It can rotate horizontally (pan), adjust the angle vertically (tilt), and zoom in or out optically or digitally. PTZ cameras provide the flexibility to cover a wide area and capture detailed images from various angles, making them ideal for monitoring large spaces or tracking subjects. They can be controlled remotely, allowing users to adjust the camera's position, zoom in on specific areas of interest, and follow moving objects.

Video Conferencing Cameras

Video conferencing cameras are dedicated cameras designed for conducting virtual meetings and video conferences. These cameras are optimized to capture high-quality video and audio to facilitate effective communication and collaboration. They offer features such as high-definition or 4K video resolution, wide-angle lenses, and autofocus capabilities to ensure clear and detailed images. They can be easily connected to computers or video conferencing systems and are often equipped with pan, tilt, and zoom functionalities to adjust the camera view as needed.



Surveillance Cameras

Surveillance cameras, also known as security cameras or CCTV (Closed-Circuit Television) cameras, are devices used for monitoring and recording activities in specific areas. They capture video footage and provide a means of surveillance for security purposes. Surveillance cameras are commonly used in various settings, including homes, businesses, public spaces, and government facilities. The footage recorded by surveillance cameras can be monitored live or reviewed later, contributing to enhanced safety and security measures.



E/DIGITAL PODIUMS



BRANDS - AKG/PEOPLELINK

A digital podium, also known as an **Electronic Podium** or **E-Podium**, is a technologically advanced lectern or speaking platform that incorporates digital features and functionality. It is designed to enhance presentations, public speaking engagements, and educational settings by integrating various multimedia tools and connectivity options.

A digital podium typically includes a built-in computer or laptop, a touch screen display or monitor, a control panel, and audiovisual components such as speakers and microphones. It allows presenters to access digital content, display slideshows, videos, and other multimedia materials, and control the audiovisual elements of their presentations.

Industry Specific Solutions



DIGITAL CLASSROOM



VIDEO CONFERENCING SET-UP

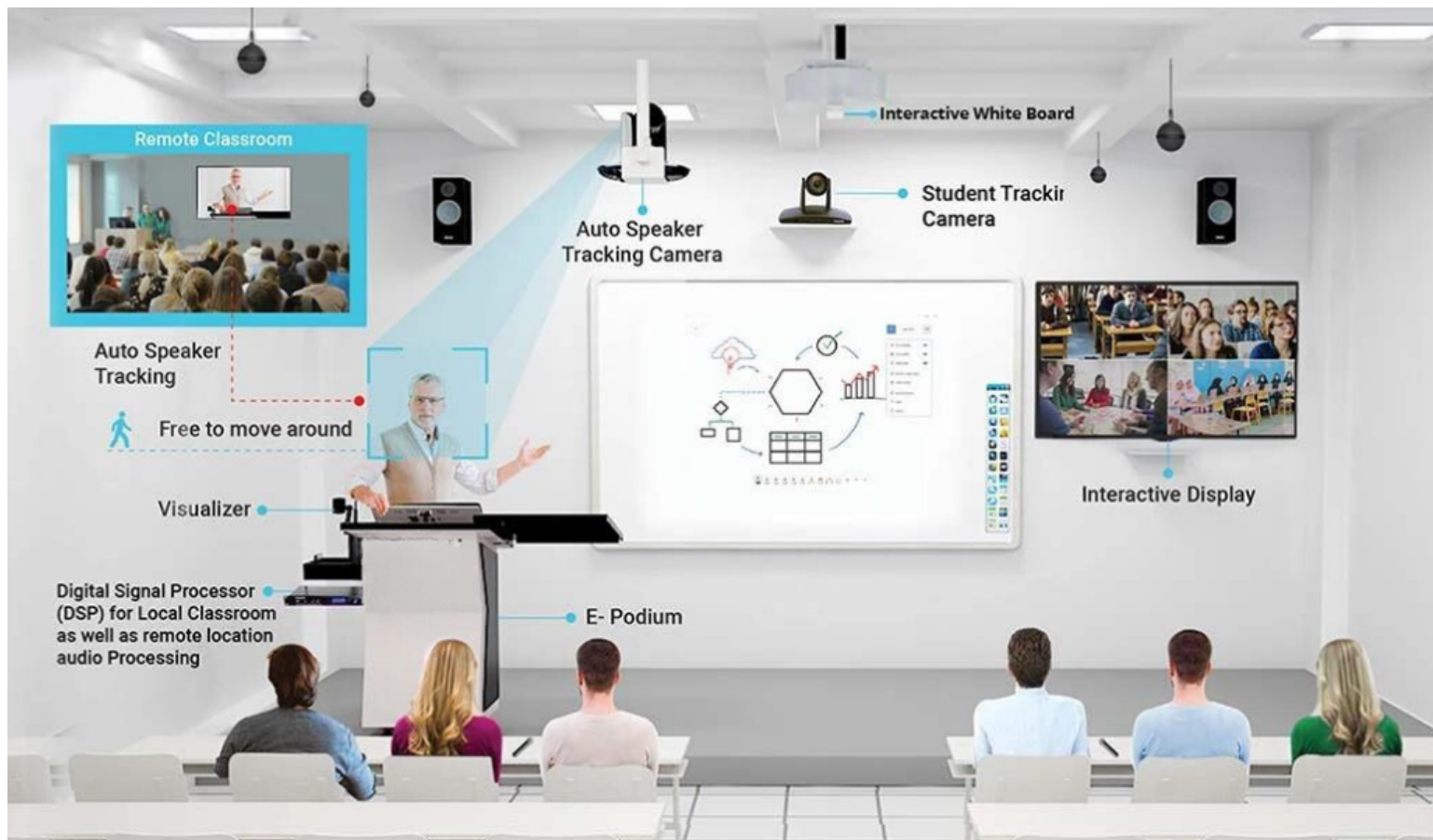


THEATER SET-UP



AUDITORIUM SET-UP

CLASSROOM SOLUTIONS



E-Podium



Interactive Display



Teacher/Student
Track Camera



Ceiling
Microphones



Visualizer



AIO DSP

Key Elements Of A Successful Hybrid Virtual Classroom Solution

- **Digital Podium :**

A digital podium, also known as a smart podium or multimedia lectern, is an advanced technological platform used for presentations, lectures, or public speaking engagements. A digital podium typically includes features such as a built-in computer or laptop, a touchscreen display, audio inputs and outputs, microphone connectivity, and multimedia connectivity options like HDMI or USB ports.

Benefits of the Solution

- **Enhanced Engagement :**

Classroom solutions provide interactive and immersive learning experiences, captivating students' attention and increasing their engagement in lessons. Interactive displays, collaboration tools, and multimedia content stimulate active participation, making learning more enjoyable and effective.

- **Interactive Display :**

These advanced displays allow teachers to present and manipulate digital content, making lessons more engaging and interactive for students. They often feature touch functionality, allowing students to interact directly with the display.

- **Audio DSP and Ceiling Microphones :**

High-quality audio systems ensure that students can clearly hear the teacher's instructions and multimedia content. These systems may include speakers, microphones, and sound amplification technology to enhance the learning experience for everyone in the classroom.

- **Student/Teacher Tracking Camera:**

A teacher tracking camera, also known as an AI-powered camera or smart camera, is a specialized camera system designed to track and capture the movements of a teacher or presenter in a classroom or lecture setting.

A student tracking camera, also known as an AI-powered student monitoring camera or smart camera, is a specialized camera system designed to track and monitor student movements and activities within a classroom or learning environment.

- **Improved Collaboration :**

Classroom solutions promote collaboration among students, enabling them to work together on projects, share ideas, and problem-solve collectively. Collaboration tools facilitate real-time collaboration, both in the classroom and remotely, fostering teamwork skills and preparing students for future collaborative work environments.

- **Increased Teacher Efficiency:**

Classroom solutions streamline administrative tasks, such as grading, attendance tracking, and content organization. This automation frees up teachers' time, allowing them to focus more on instructional delivery, individualized support, and creative lesson planning.

- **Real-time Assessment and Feedback:**

Classroom solutions often include assessment tools that enable teachers to assess student progress in real-time. Immediate feedback allows for timely intervention and targeted instruction, helping students to monitor their own learning and make necessary adjustments.

VIDEO CONFEENCING SOLUTIONS



Video conferencing solutions are software applications or platforms that enable individuals or groups to hold face-to-face meetings, discussions, or presentations remotely over the internet. These solutions utilize audio and video communication technologies to connect participants in different locations, allowing them to interact and collaborate in real-time.



Display

- Depends upon your requirement, size of your conference room, usage frequency, surround lighting and budget
- Single Display VS Dual Display (one for video meeting and other for Data sharing)
- 4K option (Now a days, some VVC systems also supports 4K resolution)

Speaker

- Integrated speaker of TV
- Integrated speaker of customized VC Solutions
- Additional Audio Speaker as per the room size



Camera

- HD camera Pan, Tilt and zoom camera for up to 4K UHD capture (commonly known as PTZ cameras)
- 20x/12x/4x zoom options
- Wide viewing angle: 65 degree view, 85 degree view, etc.
- Facial Tracking to accurately frame all room participants or focus on the other people

Microphone

Here also, OEM's provide their own mic with different specs,

like - 360 degree coverage, 22kHz of high fidelity audio. There

are two types of mic available :

- Table Top (Unidirectional)
- Ceiling Mic



Processor (CODEC)

A processor/ codec is a device algorithm for encoding or decoding with the help of pre defined protocols. These codecs are necessary to encode and decode audio, video and data streams to network

HOME THEATER SOLUTIONS

Home theater solutions refer to the various products, technologies, and setups that are designed to create an immersive audio and visual experience in a residential setting. These solutions are aimed at replicating the cinematic experience within the comfort of one's home.



Here are some key components and aspects of home theater solutions:

Audio Systems:

A home theater typically includes a surround sound audio system that delivers immersive and high-quality sound. This can consist of a receiver or amplifier, multiple speakers placed strategically around the room for directional audio, and a subwoofer for deep bass effects.





Subwoofers :

Subwoofers are specialized speakers designed to reproduce low-frequency sounds, particularly bass. They are dedicated to enhancing the low-end audio in a sound system, providing deep and powerful bass response.

AV Receivers :

An AV (audio-video) receiver is a central component of a home theater system that integrates audio and video functionality. AV receivers process audio signals, decode surround sound formats, and amplify the audio to power the connected speakers.



Projectors :

Projectors are devices that display images or videos by projecting light through an image source onto a screen or surface. Projectors can create larger and more immersive displays compared to traditional screens.



Projectors Screen :

A projector screen is a dedicated surface used for projecting images or videos from a projector. It is designed to enhance the visual quality and optimize the viewing experience.





AKG TECHNICAL
akgtech.in



AKG TECHNICAL PRIVATE LIMITED



Address

707, 7th FLOOR, VISHAL BHAWAN, NEHRU PLACE, NEW DELHI-110019



Telephone

+91 9811322713

+91 9811222713

+91 9811822713



Website

www.akgtech.in

