KG COLLEGE OF ARTS AND SCIENCE
Autonomous Institution | Affiliated to Bharathiar University
Accredited with A++ Grade by NAAC | ISO 9001:2015 Certified Institution
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ECO-FRIENDLY TRANSPORTATION

The institution is an environmental conscious institution. Hence, the institution attempts to ensure that it offers space and scope for forest vegetation and growth of more trees. The institution strongly believes that the environment given to the present generation should be passed on to the next generation without any damage. Hence, the institution has initiated below mentioned initiatives to ensure green campus.

1. Pedestrian Pathway
2. Restricted entry of Automobiles
3. Use of Electric Vehicles
4. Ban on Use of Plastic
5. Degradable and Non-Degradable Metal Dustbins
6. Indoor Plants
7. Green landscape

Pedestrian Pathway

Pedestrian-friendly pathways are designed to prioritize the safety and convenience of pedestrians. Pedestrian-friendly pathways provide a safe and efficient means of transportation for pedestrians. They allow people to walk or run for commuting, leisure, or exercise, reducing dependence on motorized vehicles and promoting a more active lifestyle. Pedestrian-friendly pathways separate pedestrians from vehicular traffic, reducing the risk of accidents and improving overall safety. They often have designated crossings, pedestrian signals, and traffic calming measures to enhance pedestrian safety. These pathways are designed to be accessible to people of all ages and abilities, including those with disabilities. They typically have features such as curb ramps, tactile indicators, and wide pathways to accommodate wheelchair users, people with mobility aids, or individuals with visual impairments.

Pedestrian-friendly pathways promote physical activity, which is beneficial for public health. They encourage walking or cycling, which can help reduce the risk of chronic diseases, improve cardiovascular fitness, and enhance mental well-being. These pathways can enhance connectivity within a community by linking residential areas, commercial districts, parks, schools, and other destinations. They facilitate pedestrian movement and promote a sense of community engagement. By encouraging walking and cycling, pedestrian-friendly pathways help reduce carbon emissions and contribute to a more sustainable transportation system. They promote alternative modes of transportation, reducing air pollution and traffic congestion.

Restricted entry of Automobiles

Restricting the entry of automobiles in certain areas or implementing traffic control measures can have several benefits. Pedestrian Safety: Restricting automobile entry in specific zones, such as pedestrian-only streets or pedestrian-friendly areas, prioritizes the safety of pedestrians. It reduces the risk of accidents involving vehicles and promotes a safer environment for walking and other non-motorized activities. Restricting automobiles can help improve air quality, especially in congested urban areas. By reducing the number of vehicles and their emissions, it can contribute to a decrease in air pollution, benefiting both the environment and public health. Automobiles are a significant source of noise pollution in urban areas. Restricting vehicle entry or implementing traffic control measures like car-free zones can significantly reduce noise levels, creating a more peaceful and enjoyable environment for residents, workers, and visitors. Restricting automobiles can encourage and promote active modes of transportation such as walking, cycling, and public transit. By limiting car access, people are more likely to choose these sustainable transportation options, leading to reduced traffic congestion and a healthier lifestyle.

Use of Electric Vehicles

Electric vehicles produce zero tailpipe emissions, which helps reduce air pollution and greenhouse gas emissions. They contribute to combating climate change and improving local air quality, particularly in urban areas where pollution from traditional combustion engines is a significant concern. Electric vehicles are generally more energy-efficient compared to internal combustion engine vehicles. They convert a higher percentage of the energy from the grid into propulsion, resulting in lower energy consumption per kilometer or mile traveled. This efficiency can help reduce overall energy demand and reliance on fossil fuels. Electric vehicles can serve as a means of integrating renewable energy sources into the transportation sector. By charging EVs with electricity from renewable sources such as solar or wind power, we can further reduce greenhouse gas emissions and create a more sustainable energy system.

Ban on Use of Plastic

Implementing a ban on the use of plastic, particularly single-use plastics, can have various uses and benefits. Plastic pollution poses a significant threat to ecosystems, wildlife, and marine life. Banning plastic helps reduce the amount of plastic waste that ends up in landfills, oceans, rivers, and other natural environments. It prevents the negative impacts of plastic pollution on biodiversity, waterways, and ecosystems. Plastic takes a long time to decompose, and much of it ends up in landfills where it occupies valuable space. By banning plastic, the volume of plastic waste sent to landfills can be significantly reduced, extending their lifespan and minimizing the need for additional landfill sites. Plastic is derived from fossil fuels, a non- renewable resource. By banning plastic, we reduce the demand for petroleum-based plastics and conserve valuable resources. This encourages the exploration and adoption of alternative materials that are more sustainable and renewable.

Degradable and Non-Degradable Metal Dustbins

Composting: Degradable metal dustbins can be used for collecting organic waste, such as food scraps, yard trimmings, and other biodegradable materials. These bins are often designed with lids and proper ventilation to facilitate composting processes. The collected organic waste can be composted to produce nutrient-rich soil for gardening or agricultural purposes. Using degradable metal dustbins helps promote environmental sustainability by diverting organic waste from landfills. By composting biodegradable materials, it reduces the volume of waste that goes to landfill sites, conserves landfill space, and minimizes greenhouse gas emissions associated with organic waste decomposition. Composting organic waste in degradable metal dustbins allows for the recovery of valuable nutrients. The compost produced can be used as a natural fertilizer, reducing the need for synthetic fertilizers and promoting soil health

Indoor Plants

Indoor plants help purify the air by removing toxins and releasing oxygen. They absorb harmful gases, such as formaldehyde, benzene, and carbon monoxide, and improve overall air quality. This can lead to healthier indoor environments and reduce the risk of respiratory issues. Indoor plants release moisture through a process called transpiration. This natural humidity regulation can help combat dry indoor air, particularly in heated or air-conditioned spaces. Adequate humidity levels can improve respiratory health and prevent dry skin and eyes. Indoor plants enhance the aesthetics of indoor spaces, adding a touch of nature and creating a soothing and inviting ambiance. Incorporating plants into interior design, known as biophilic design, has been shown to reduce stress, improve mood, and increase productivity.

Green Landscape

Green landscapes contribute to environmental conservation by improving air quality, reducing soil erosion, and conserving water. Trees and plants help to filter pollutants from the air, while their roots prevent soil erosion by holding the soil in place. Vegetation also helps in water absorption, reducing the risk of floods and replenishing groundwater. Green landscapes enhance the visual appeal of an area, making it more attractive and inviting. Parks, gardens, and green spaces create pleasant and relaxing environments for people to enjoy, reducing stress and promoting mental well-being. Green landscapes provide habitats for a wide range of plants, animals, and insects, contributing to biodiversity conservation. By incorporating native plant species, green landscapes support local ecosystems and provide food and shelter for various wildlife species. Green landscapes help mitigate the urban heat island effect, where cities experience higher temperatures compared to surrounding rural areas. Trees and vegetation provide shade, reduce heat absorption, and cool the surrounding air through the process of evapotranspiration, resulting in cooler and more comfortable urban environments.

Disabled Friendly and Barrier Free Environment

The Institution has below mentioned facilities to provide Disabled friendly and barrier free environment.

1. Lift

2. Ramp

3. Disabled friendly washrooms

4. Divyangan Software

6. Wheel Chair

7. Sign boards

Lifts

The college has one lift functioning 24X7 to help the smooth movement of disabled people. Lifts are crucial for wheelchair users, providing them with a means to access public and private spaces that may have height differences between floors. By installing lifts, buildings become more inclusive and wheelchair-friendly, ensuring equal access to all individuals.

Ramp

The College has a ramp in all major areas to ensure the movement of people across one corridor to other corridors of the college. Ramps are essential for wheelchair users, allowing them to easily transition between different levels of buildings and outdoor spaces. By replacing stairs,

ramps provide a barrier-free environment, enabling individuals using wheelchairs or mobility aids to move independently.

Ramps improve the accessibility of buildings, ensuring that people with disabilities can enter and exit premises without obstacles. They are commonly installed at entrances, exits, and other points of access, making public buildings, private residences, and commercial spaces more inclusive.

Disabled-friendly washrooms

Disabled-friendly washrooms are designed to ensure accessibility, promote independence, and cater to the specific needs of individuals with disabilities. By incorporating these inclusive features, these washrooms create an inclusive and equitable environment where all individuals can use the facilities comfortably and with dignity.

Divyangan Software

Divyangan software often includes accessibility tools that enhance the usability of computers and digital devices for individuals with disabilities. This may include screen readers, magnification software, speech recognition, and alternative input methods like eye-tracking or switch control. Software applications can provide communication support for individuals with speech or language impairments. Augmentative and alternative communication (AAC) software allows users to communicate through symbols, pictures, or text-to-speech conversion, enabling individuals to express themselves effectively. Divyangan software can support individuals with learning disabilities or cognitive impairments by offering specialized tools for learning and education. This may include interactive educational software, literacy support, cognitive skill development programs, or tools for creating personalized learning materials.

Wheel Chair

Wheelchairs are mobility devices designed to assist individuals with disabilities or limited mobility in moving around and performing daily activities. Wheelchairs play a vital role in promoting social interaction and engagement. They allow individuals with disabilities to participate in social events, gatherings, and recreational activities. Wheelchair users can join friends and family in outings, attend social functions, and actively participate in community life.

Sign boards

Signboards play a crucial role in providing important information and guidance to individuals, including those with disabilities. When designed with accessibility in mind, signboards can be particularly helpful for individuals with visual impairments, hearing impairments, or cognitive disabilities Signboards can provide information about accessible features and facilities within a location. For instance, signs may indicate the presence of wheelchair ramps, elevators, accessible restrooms, and parking spaces designated for disabled individuals. These signs help individuals with disabilities identify and access the necessary accommodations.

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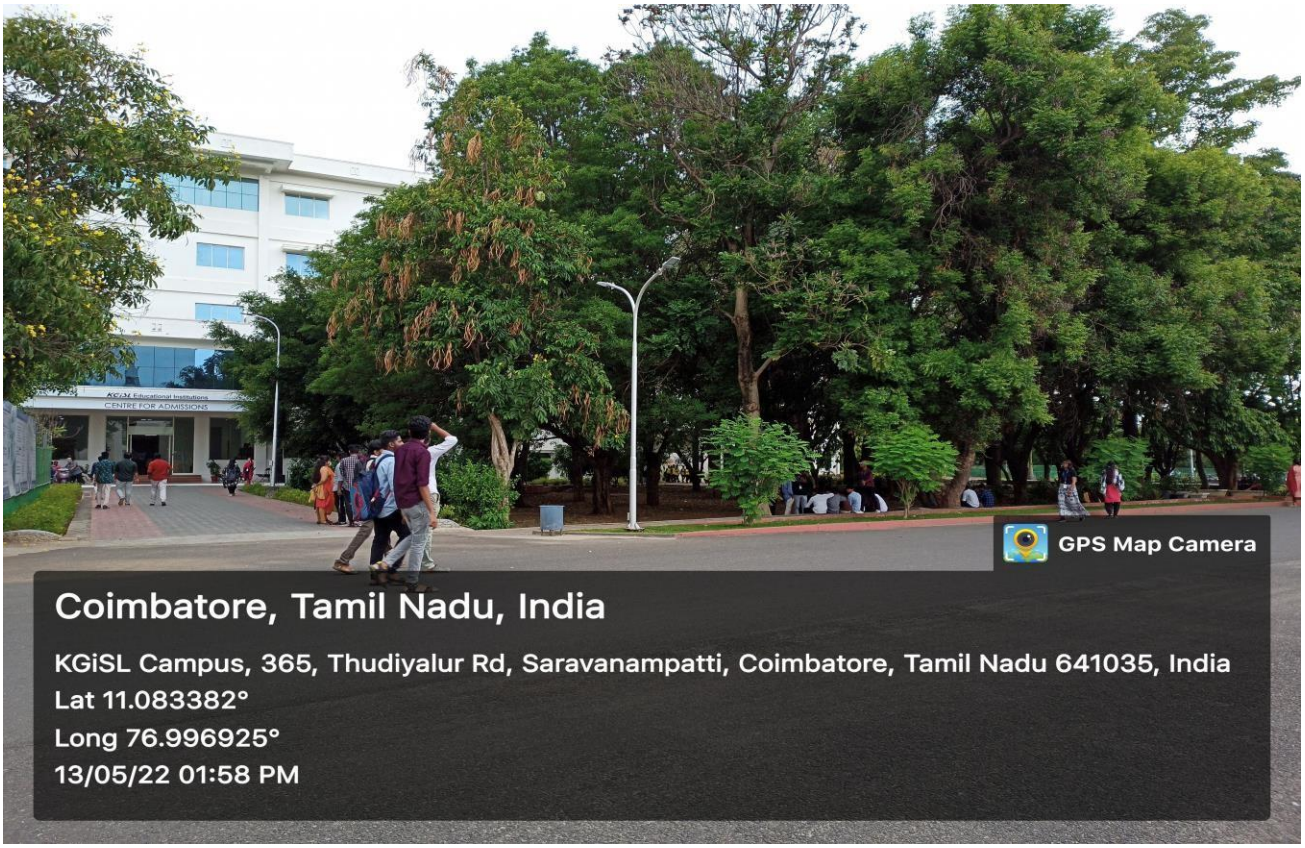
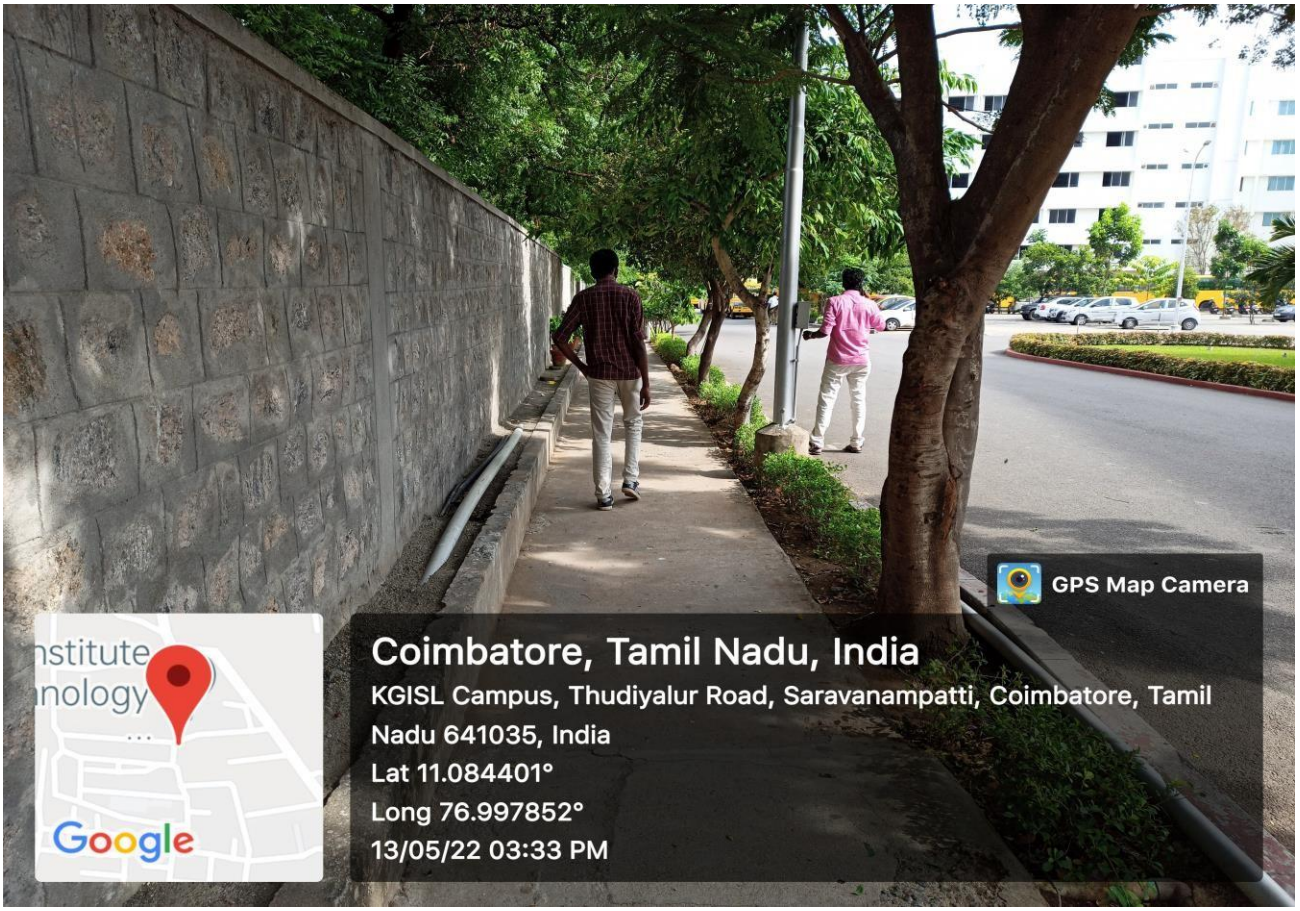
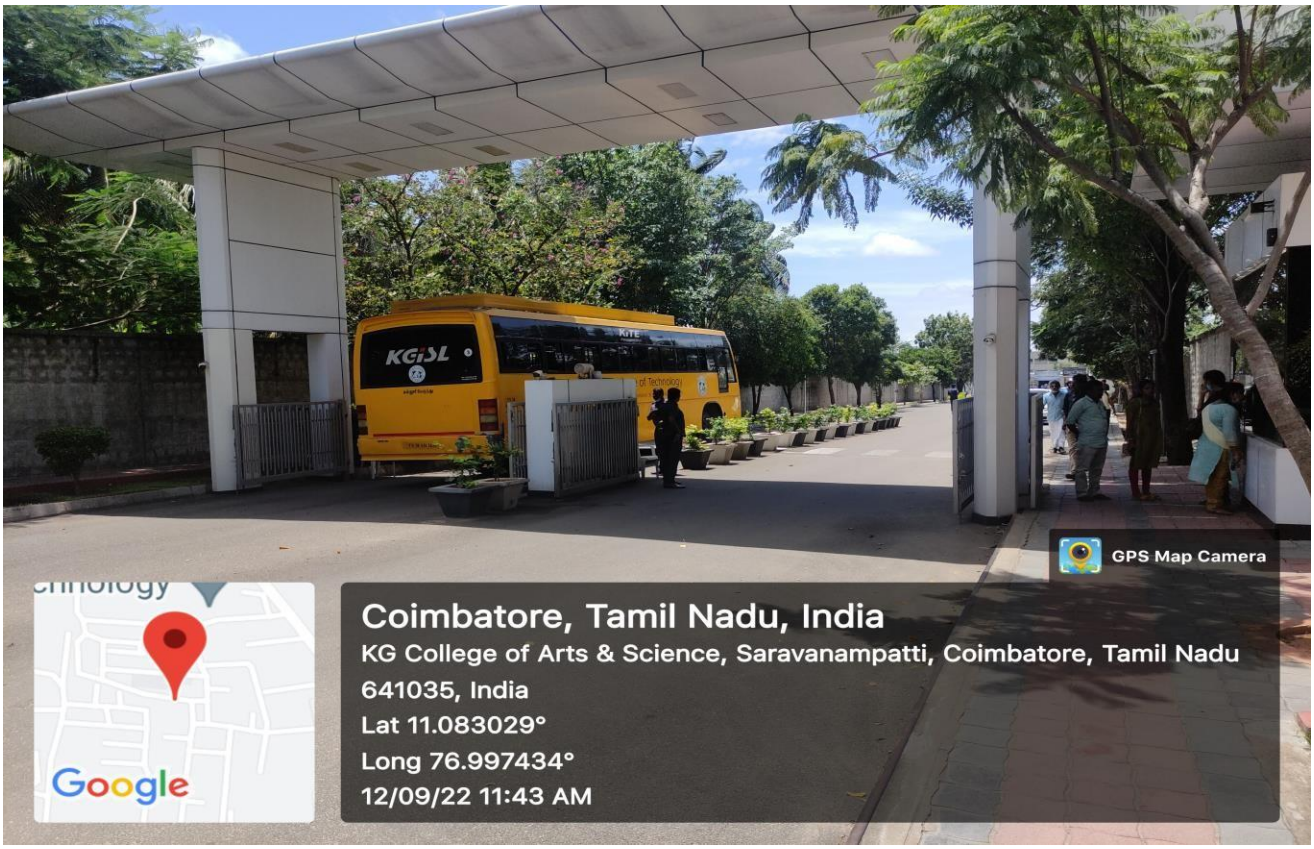
Eco Friendly Transportation

Pedestrian Pathways



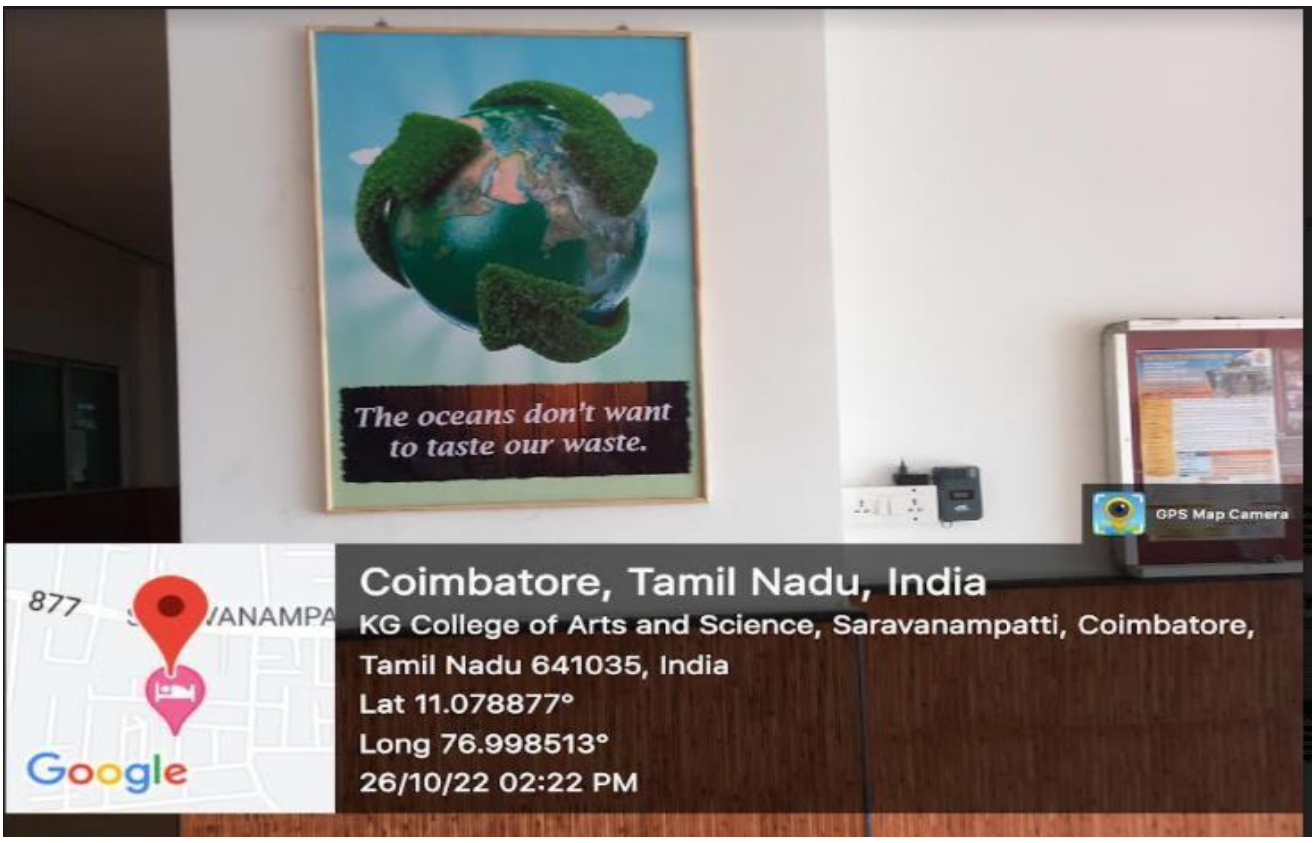


Restricted Entry of Automobiles



Use of Electric Vehicles

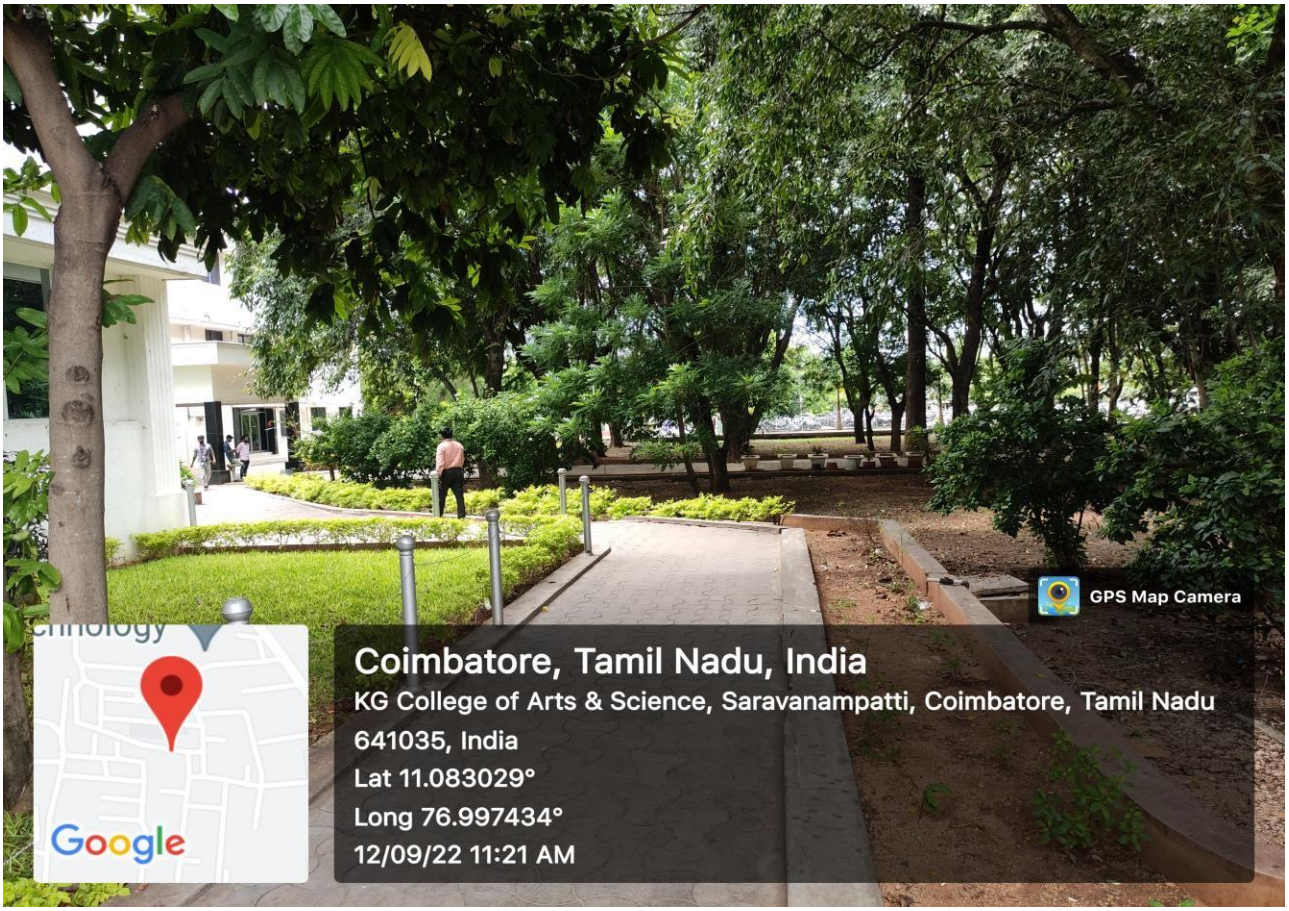
Ban on Use of Plastic



Degradable and Non-Degradable Metal Dustbins

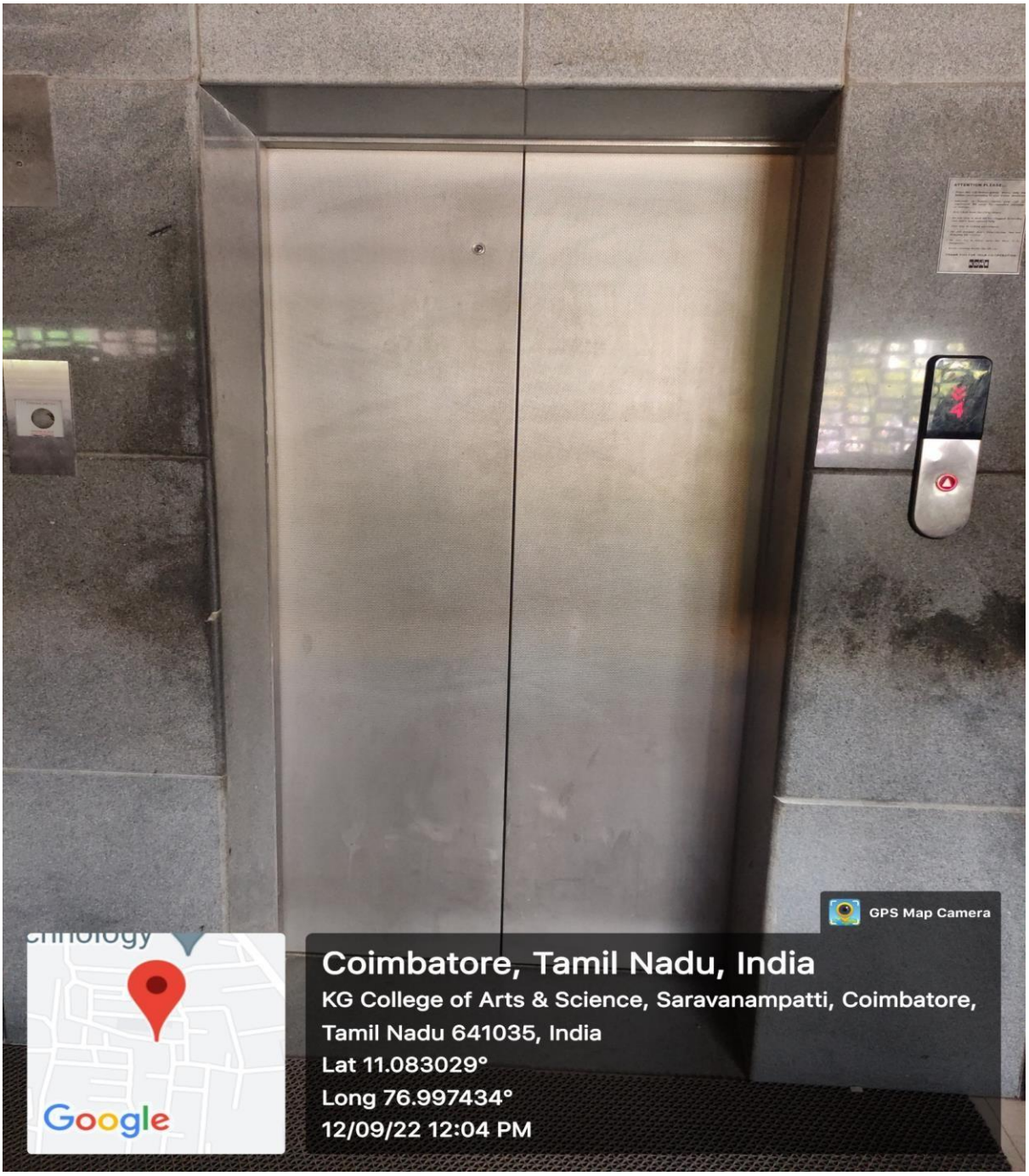
Indoor Plants

Green Landscapes



Disabled Friendly and Barrier Free Environment

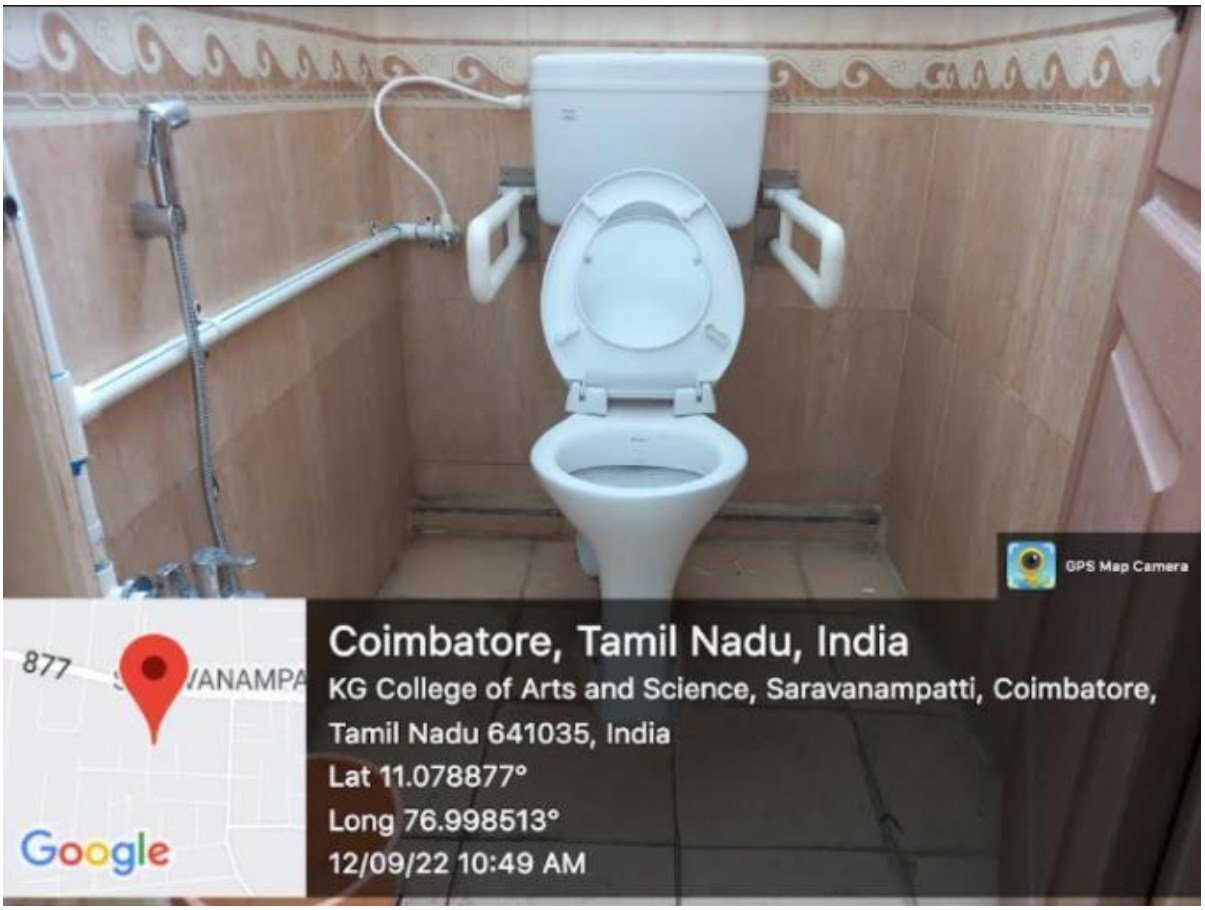
Lift



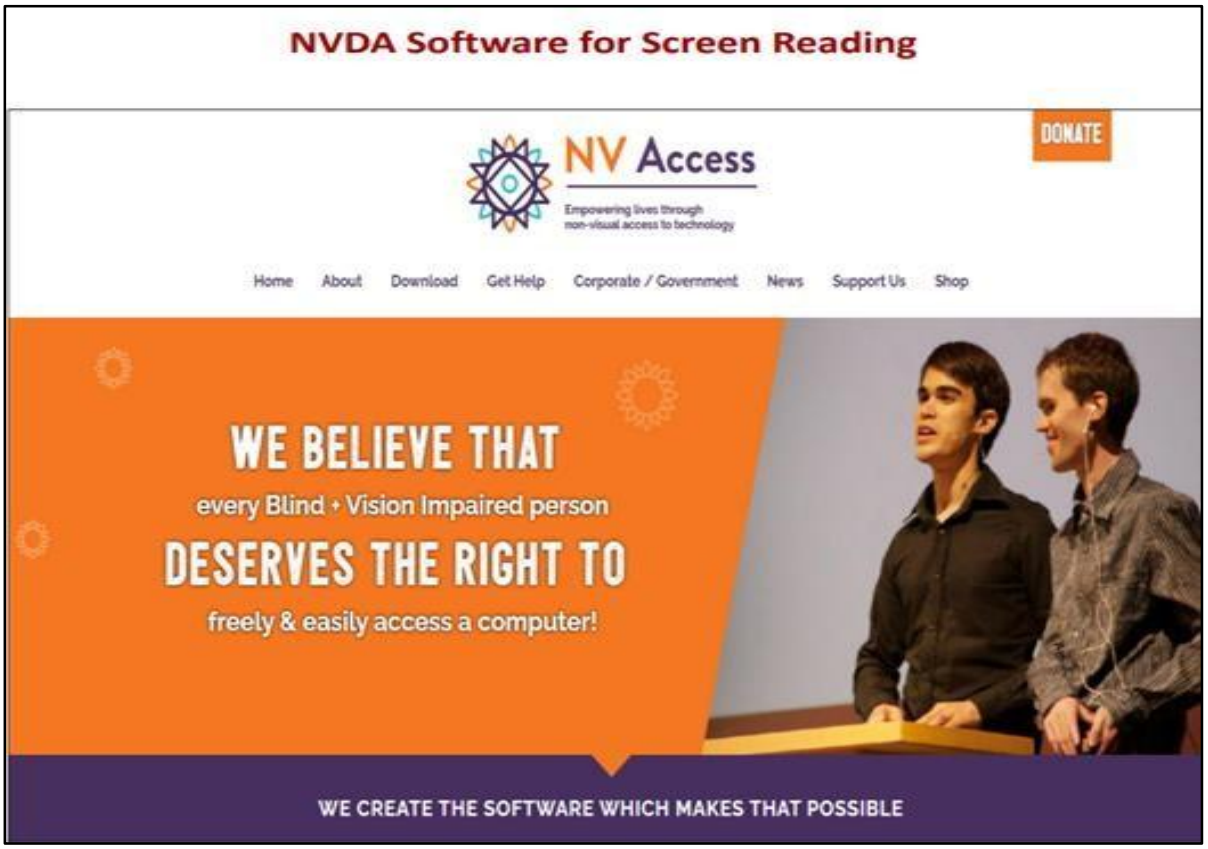
Ramp


GPS Map Camera
Coimbatore, Tamil Nadu, India
KG College of Arts & Science, Saravanampatti, Coimbatore,
Tamil Nadu 641035, India
Lat 11.083029°
Long 76.997434°
12/09/22 11:49 AM
Google

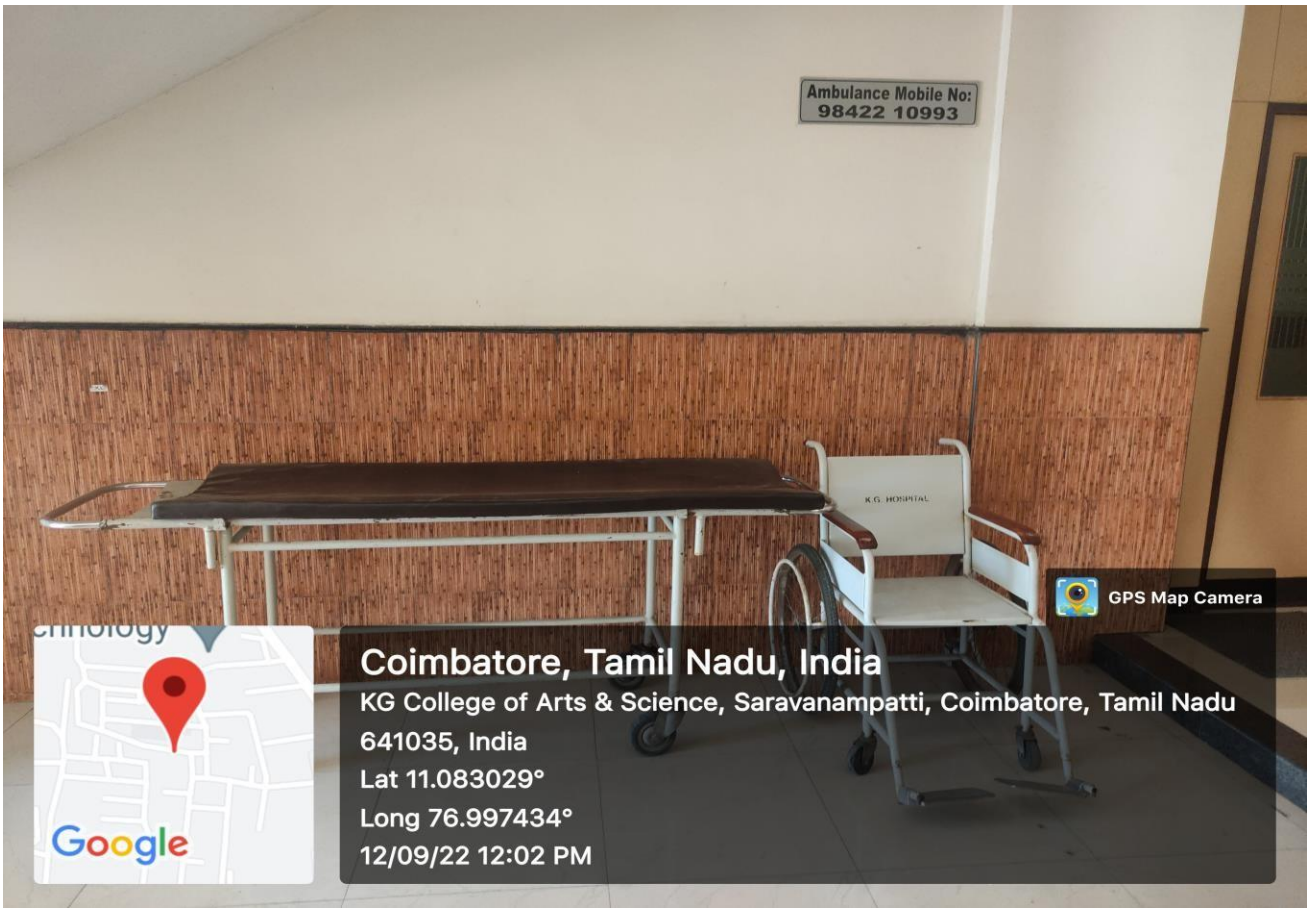
Disabled friendly washrooms



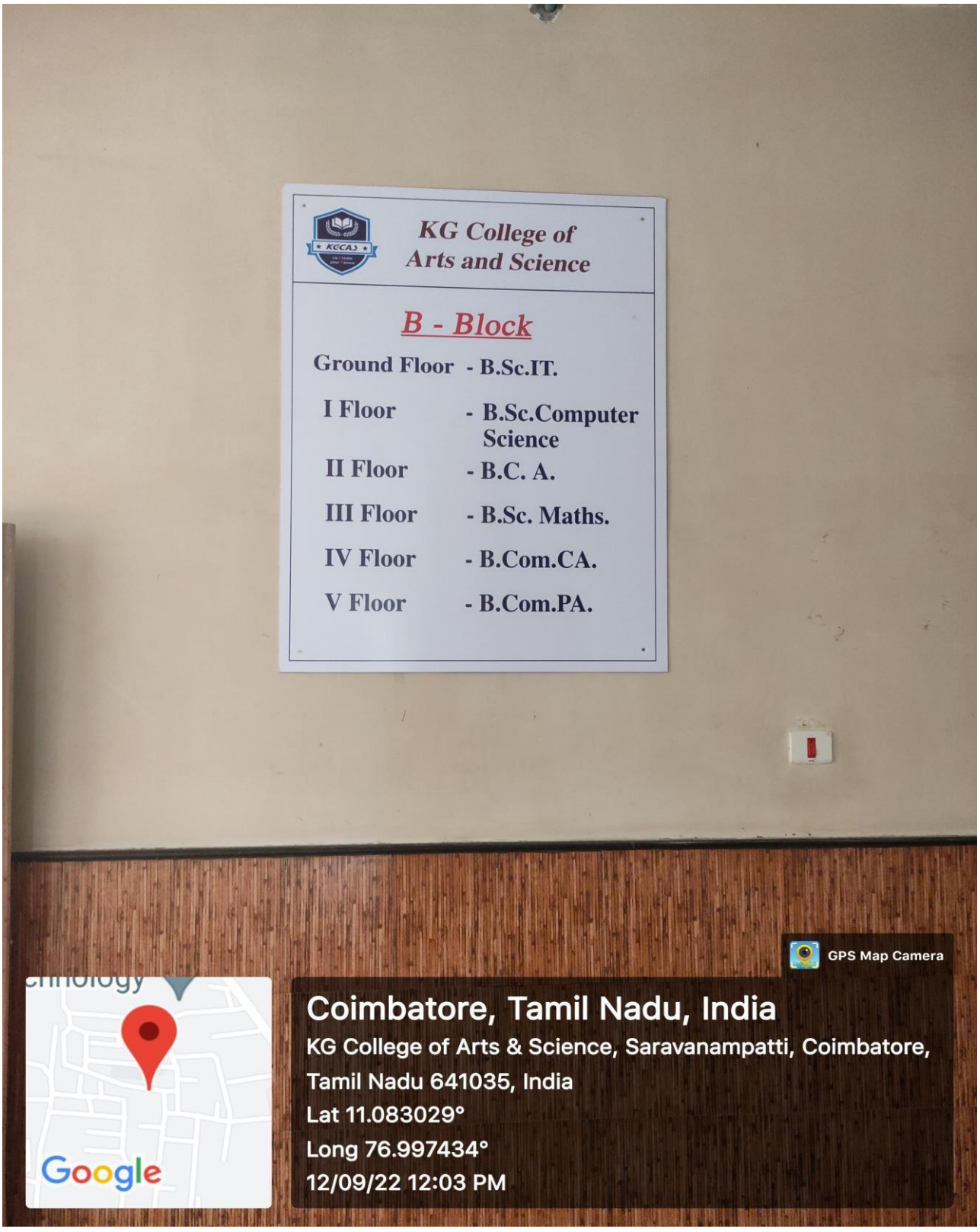
Divyangan Software



Wheel Chair



Sign boards


KG College of
Arts and Science
B - Block
Ground Floor - B.Sc.IT.
I Floor - B.Sc.Computer Science
II Floor - B.C. A.
III Floor - B.Sc. Maths.
IV Floor - B.Com.CA.
V Floor - B.Com.PA.
GPS Map Camera
Google
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