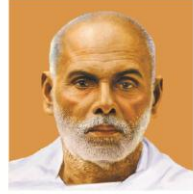


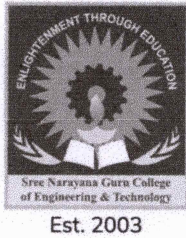


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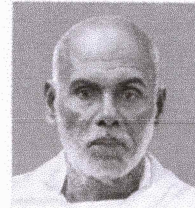


GEO TAGGED PHOTOS OF LABORATORIES OF CIVIL ENGINEERING DEPARTMENT



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GEO TAGGED PHOTOS OF LABORATORIES OF THE CIVIL ENGINEERING DEPARTMENT

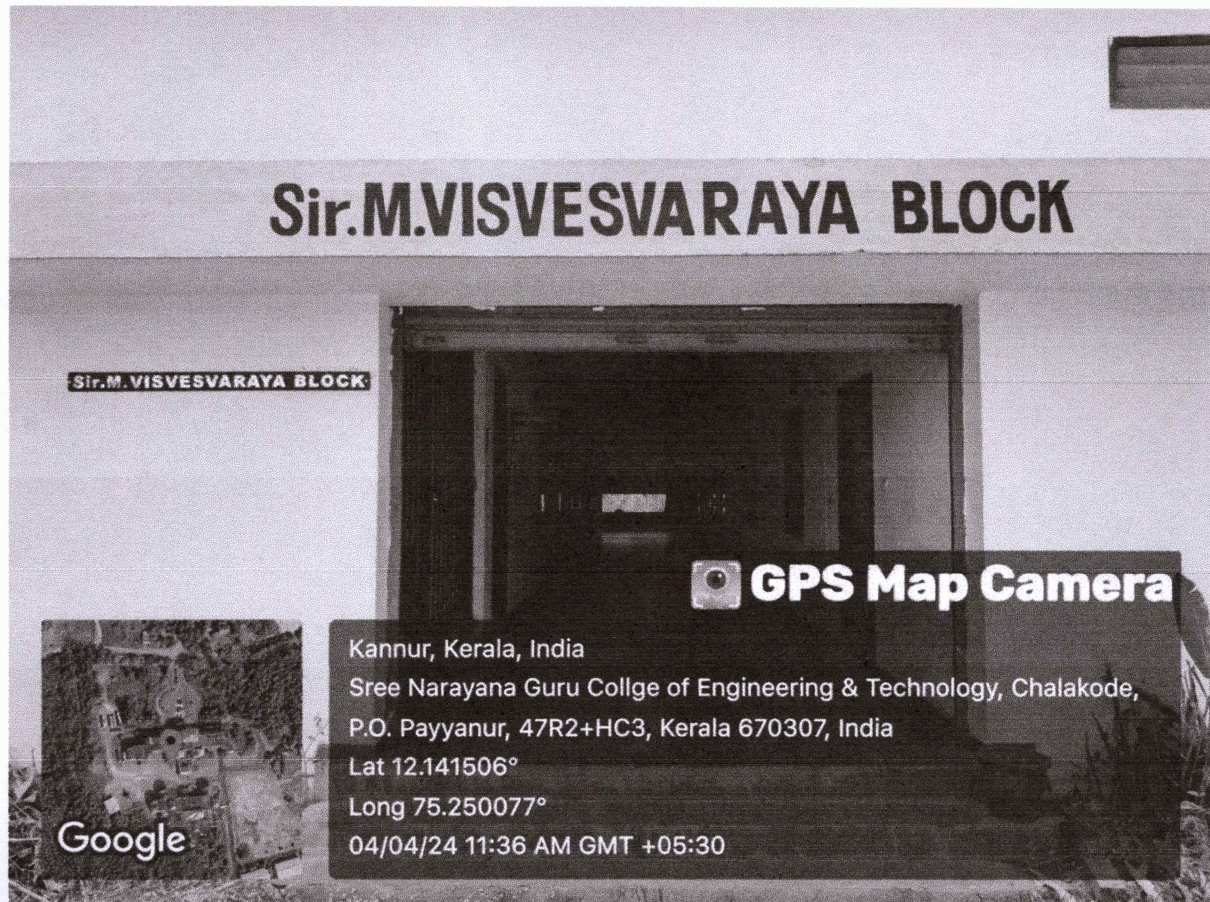


Fig.1 Entrance of M Visweswaraya Block

Sir. M. VISVESVARAYA BLOCK

The M. Visvesvaraya Block is situated adjacent to the Dr. TP Balakrishnan Block. Within this block, one can find a range of civil engineering laboratories, including those dedicated to material testing, geotechnical studies, environmental engineering, and transportation research.

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1. STRENGTH OF MATERIAL & CONCRETE LAB

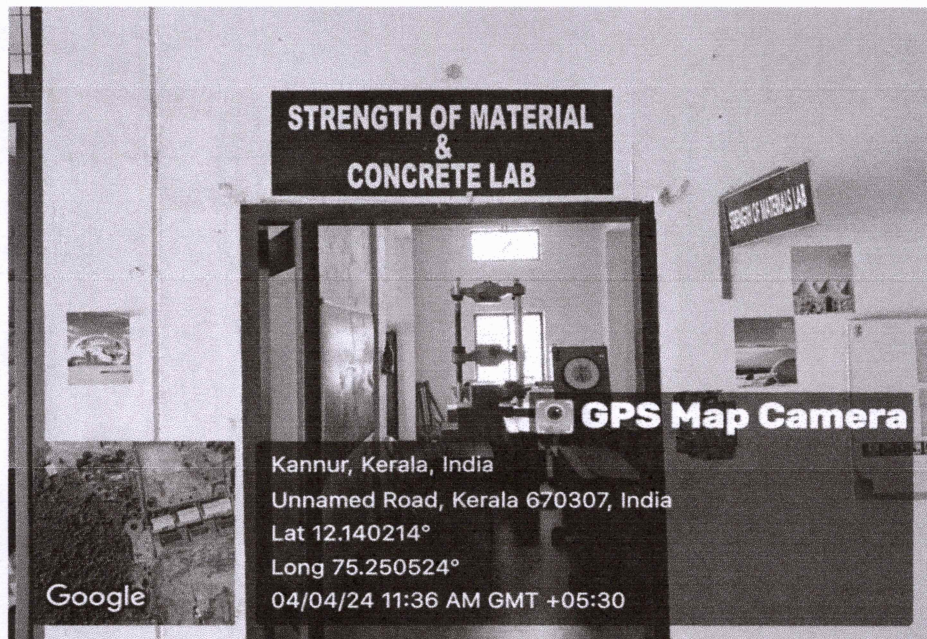


Fig.2 Entrance of Material Testing Lab

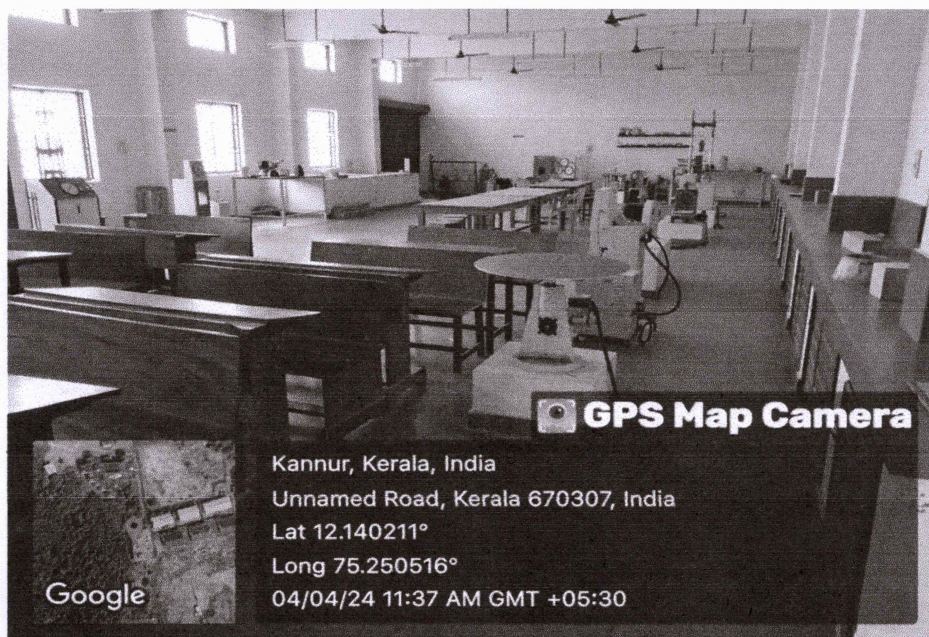


Fig.3 Material Testing Lab

The Strength of Materials and Concrete Lab is a vital space in civil engineering education and research. Here, students and researchers experiment with materials like steel and concrete to understand their mechanical properties. They assess factors like tensile and compressive strength, elasticity, and durability. The Concrete Lab within this facility focuses specifically

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on concrete production, mixture design, and quality control. Through hands-on experimentation, participants gain practical insights into structural components' behavior and explore innovations for more durable and sustainable construction materials.

2. GEOTECHNICAL ENGINEERING LAB

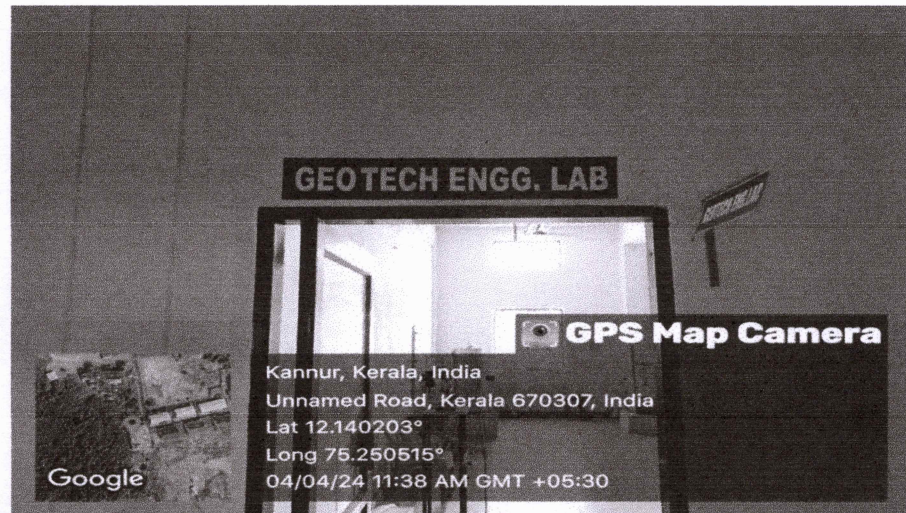


Fig.4 Entrance Material Testing Lab

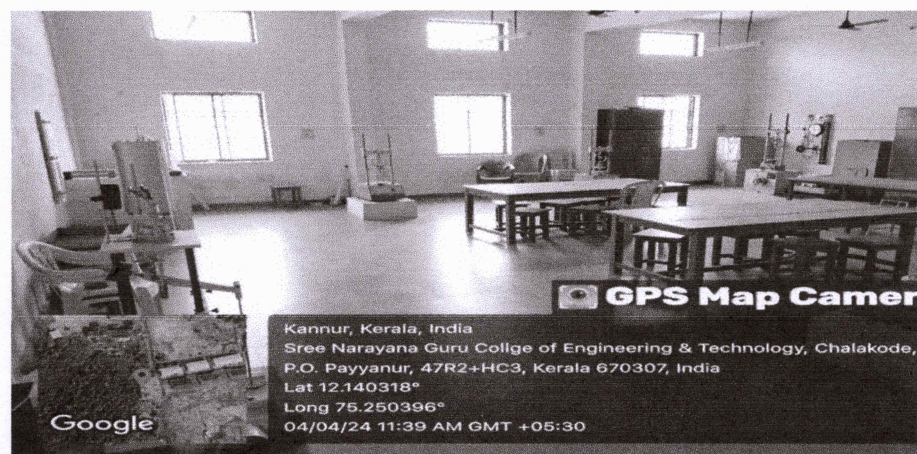


Fig.5 Material Testing Lab

The Geotechnical Engineering Lab is a pivotal space for civil engineering education and research, focusing on the study of soil and rock mechanics. Through hands-on experiments and tests, students and researchers explore the mechanical properties of these materials, aiding in foundation design, slope stability analysis, and underground construction planning. Advanced equipment facilitates simulations of soil behavior under various conditions, fostering a deeper understanding and enabling innovative engineering solutions. Overall, the lab plays a vital role in shaping safer and more sustainable infrastructure projects.

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3. TRANSPORTATION LAB

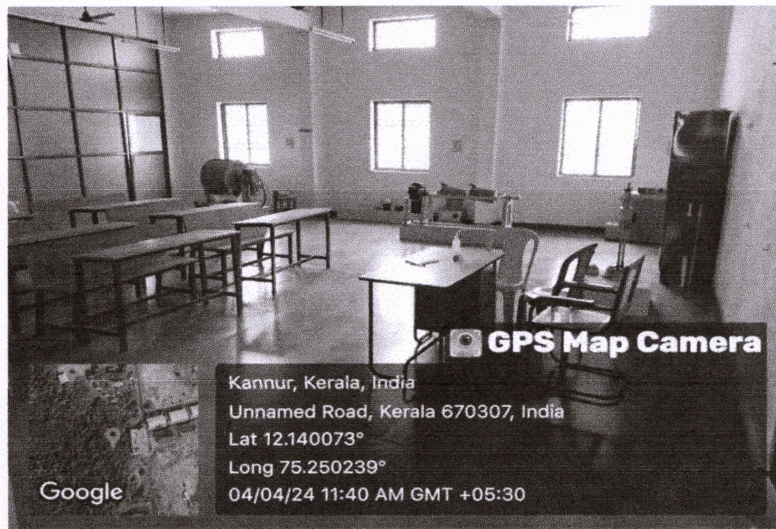


Fig.6 Transportation Lab

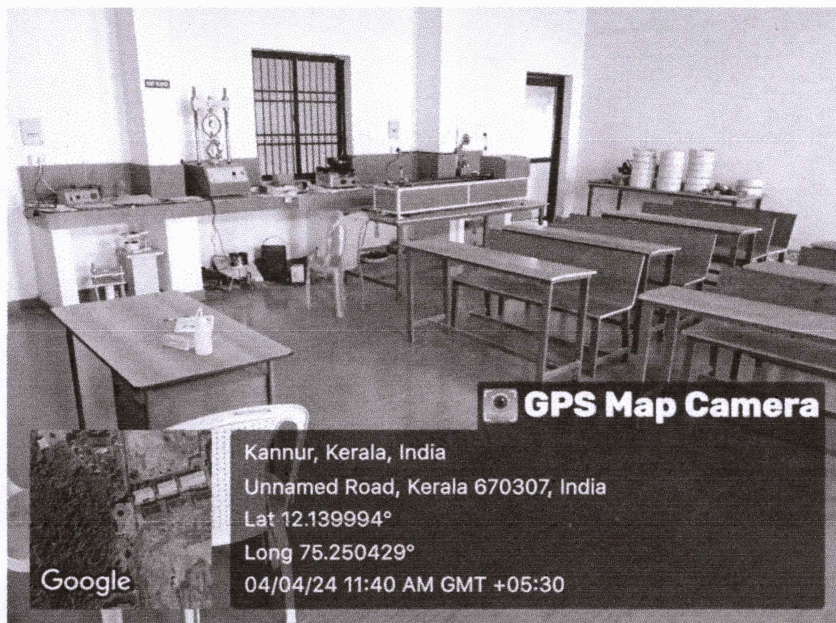


Fig.7 Transportation Lab

The Transportation Lab is pivotal in civil engineering, focusing on traffic analysis, pavement design, and transportation planning. Through experiments and simulations, it explores traffic behavior and optimizes transportation networks. Additionally, it researches sustainable solutions for improved mobility and reduced environmental impact. Overall, it advances transportation engineering for safer, more efficient systems

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4. ENVIRONMENTAL ENGINEERING LAB

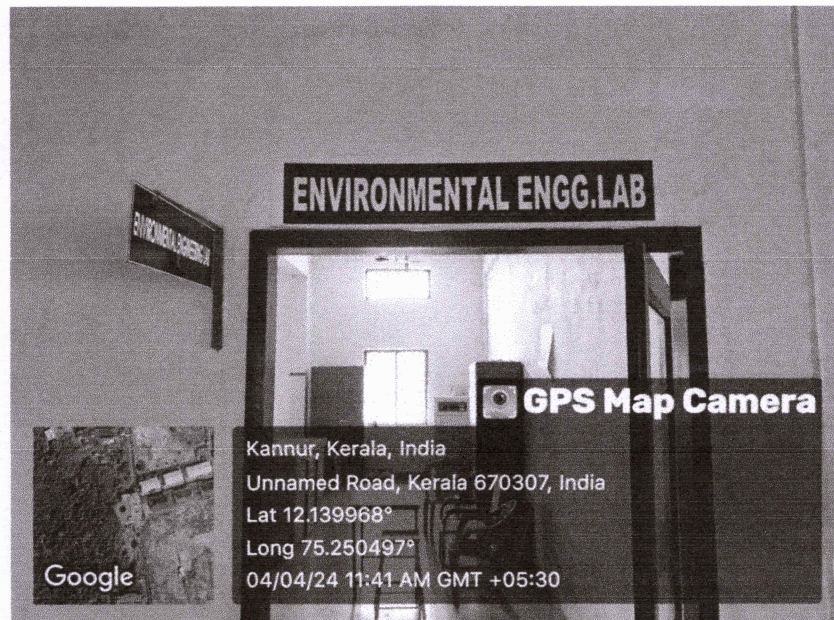


Fig.8 Entrance of Enviornmental Lab

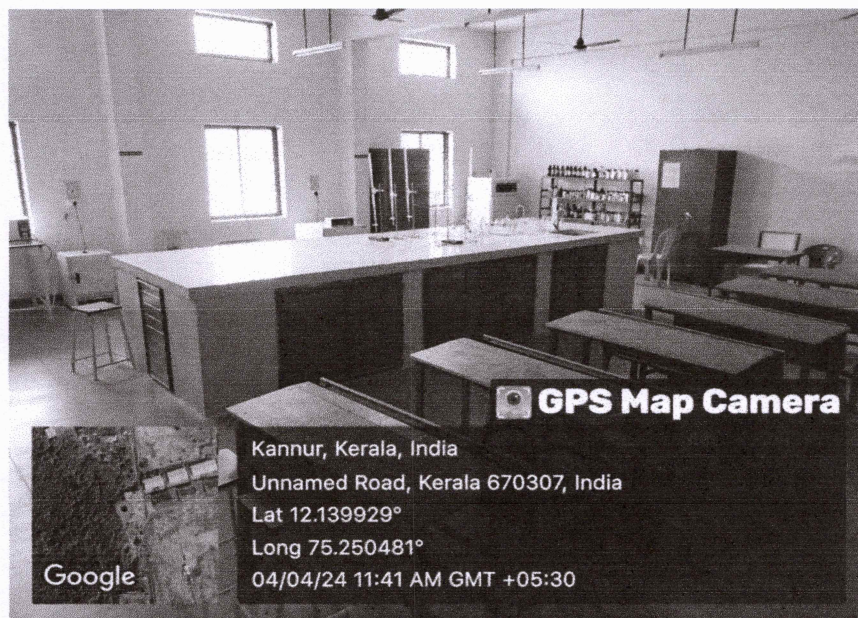


Fig.9 Environmental Lab

The Environmental Engineering Lab is pivotal in civil engineering, focusing on water treatment, air quality, and waste management. Through hands-on experiments and advanced analysis, it explores pollution characteristics and develops sustainable solutions. The lab employs cutting-edge equipment to research technologies for environmental conservation and public health improvement. Overall, it serves as a hub for innovation in addressing pressing environmental challenges.

A handwritten signature in blue ink, reading "Leena".

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