

## Pavement technology and its latest developments

Key Researcher (s): Prof. Saman Bandara, Eng. Kelum Sandamal



California Bearing Ratio test being conducted to measure the strength of the subgrade of a road

- In the 21st century, the world entered a new revolution called the fourth industrial revolution with the telecommunication era. With this new advancement in technology, quality of life has changed significantly. Telecommunication, logistics, medicine and many more industries have adopted these technologies and made services more user-friendly to the people who use them. What is observable is that the construction industry in developing countries has not adopted these new trends. Initial idea of the study is that adopting these technologies to the existing construction projects, specially to the pavements in the country will uplift the effectiveness of the transportation sector of the country. This study looks at the viability of adopting smart pavement technologies in developing economies.