

# Central Leather Research Institute

Have you ever worn leather shoes, used a wallet, or carried a school bag made of leather? Behind many such everyday products lies fascinating science—and one of India's most important institutes in this field is the **Central Leather Research Institute (CLRI)**.

Established in **1948** and located in **Chennai, Tamil Nadu**, CLRI works under the **Council of Scientific and Industrial Research (CSIR)**. It is one of the world's largest research institutes dedicated entirely to **leather science and technology**. Its main aim is to make leather products **better in quality, safer to use, and more environmentally friendly**.

At CLRI, scientists study leather from start to finish. They research how animal hides are processed, how leather is treated, and how it can be converted into useful products like footwear, garments, car seats, and accessories. This work involves subjects such as **chemistry, biology, material science, and engineering**, making CLRI a truly multidisciplinary institute.

One of CLRI's most important contributions is in sustainable and eco-friendly leather processing. Traditional leather-making can pollute water and harm the environment. CLRI scientists have developed cleaner technologies that reduce water use, recycle chemicals, and minimize waste. These innovations help protect rivers and ecosystems while supporting industries.



CLRI also supports India's large leather industry by working closely with factories, designers, and exporters. Many modern leather products used in India and sold across the world are based on technologies developed at CLRI. The institute also provides training to students, technicians, and entrepreneurs, helping young people build careers in science and industry.

For school students, CLRI is a great example of how **science meets design and sustainability**. It shows that science is not limited to laboratories—it shapes what we wear and use every day. If you enjoy experimenting, solving practical problems, or creating things that are useful and stylish, CLRI shows how science can turn curiosity into real-world impact. Who knows—your next science idea could help make the leather industry greener and smarter!

