

CSIR- CLRI Technology for Rural Development

1.	Name of Product / Process	General foot wear (Shoes)
2.	Application / Use	Shoe upper for making full shoe, sandal and chappal; Footwear for common use
3.	Salient features of technology/process	<p>Manufacture of shoes using simple tools and techniques. The process includes necessary steps for elegant look of the product, stress, and strain characteristics of the material for specific use as well as the compatibility of upper material with bottoming material of higher durability. The process involves cutting/clicking, of upper and bottom components, assembling and stitching operations and also lasting and finishing operations.</p> <p>Inculcate the traditional artisans to acquire confidence building on creativity, Design and innovation concepts on developing footwear through adaptation of technology from CLRI. Exploring newer methodologies and materials for the quality and productivity enhancements on rural technology of footwear.</p>
4.	Raw materials	Upper Leather, Lining Leather, Reinforcement materials, Insole, Soling materials, adhesive, thread and other accessories
5.	Machinery/Equipment	Clicking machine, Skiving machine, Flat bed, Post bed, Cylinder bed Sewing machines, Embossing machine, Edge scouring and roughing machine, sole activator, sole press, brushing and polishing machine, spray booth last and hand tools.
6.	Status of technology	Available at CSIR-CLRI
7.	Minimum economic unit and total investment	100 pairs per day with 20 Personnel. Rs. 15- 20 lakhs.
8.	Technology transfer methodology	As per CSIR guidelines
9.	Technology demonstration – cum – Training facilities	Available at CSIR-CLRI
10.	Product acceptability	Ready market exists

11.	Marketability	Domestic
12.	Is this technology location-specific? If so, please elaborate	No
13.	Any gender-bias in technology utilization?	Nil
14.	Is any video-cassette available on the technology?	No
15.	Any other relevant information not covered above	Nil
16.	Terms and conditions for technology transfer	Negotiable under the framework of CSIR norms
17.	If required, can you provide prototype/working model for display/demonstrations.	Yes
18.	Name and address of technology generating institute/ individual	CSIR-Central Leather Research Institute, Adyar, Chennai - 600 020, Tamil Nadu, India.
19.	Name and address of technology transfer agency, if different from above	Same as above (Sl. No.18)

Working capital for one month (4 weeks) is Rs 5- 6 Lakhs (Approx) inclusive of materials and accessories.

Contact address :

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